

# **LE CANCER EN VALAIS**

## **1989-2000**

### **Registre des Tumeurs**

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# Table des matières

|   |    |
|---|----|
| 0. Résumé français.....                         | 4  |
| 0.1. Zusammenfassung.....                       | 10 |
| 0.2. Abstract.....                              | 16 |
| <b>1. Incidence</b>                             |    |
| 1.0. Summary.....                               | 23 |
| 1.1. All except non melanotic Skin.....         | 26 |
| 1.2. Oral Cavity & Pharynx.....                 | 28 |
| 1.3. Oesophagus.....                            | 30 |
| 1.4. Stomach.....                               | 32 |
| 1.5. Colon, Rectum.....                         | 34 |
| 1.6. Liver & Intrahepatic Bile Ducts.....       | 36 |
| 1.7. Gallbladder & Extrahepatic Bile Tract..... | 38 |
| 1.8. Pancreas.....                              | 40 |
| 1.9. Larynx.....                                | 42 |
| 1.10. Lung, Trachea.....                        | 44 |
| 1.11. Pleura.....                               | 46 |
| 1.12. Bones, Joints, Cartilage.....             | 48 |
| 1.13. Skin Melanoma.....                        | 50 |
| 1.14. Soft Tissues.....                         | 52 |
| 1.15. Breast.....                               | 54 |
| 1.16. Cervix Uteri.....                         | 56 |
| 1.17. Corpus Uteri.....                         | 58 |
| 1.18. Ovary.....                                | 60 |
| 1.19. Prostate.....                             | 62 |
| 1.20. Testis.....                               | 64 |
| 1.21. Kidney & Urinary Organs.....              | 66 |
| 1.22. Bladder.....                              | 68 |
| 1.23. Brain & Central Nerves.....               | 70 |
| 1.24. Thyroid.....                              | 72 |
| 1.25. Hodgkin's Disease.....                    | 74 |
| 1.26. Non Hodgkin Lymphoma.....                 | 76 |
| 1.27. Multiple Myeloma.....                     | 78 |
| 1.28. Leukaemia.....                            | 80 |

## 2. Mortality

|       |  |     |
|-------|--|-----|
| 2.0.  | Summary.....                               | 82  |
| 2.1.  | All malignant Cancers.....                 | 85  |
| 2.2.  | Oral Cavity & Pharynx.....                 | 87  |
| 2.3.  | Oesophagus.....                            | 89  |
| 2.4.  | Stomach.....                               | 91  |
| 2.5.  | Colon, Rectum.....                         | 93  |
| 2.6.  | Liver & Intrahepatic Bile Ducts.....       | 95  |
| 2.7.  | Gallbladder & Extrahepatic Bile Tract..... | 97  |
| 2.8.  | Pancreas.....                              | 99  |
| 2.9.  | Larynx.....                                | 101 |
| 2.10. | Lung, Trachea.....                         | 103 |
| 2.11. | Pleura.....                                | 105 |
| 2.12. | Bones, Joints, Cartilage.....              | 107 |
| 2.13. | Skin Melanoma.....                         | 109 |
| 2.14. | Soft Tissues.....                          | 111 |
| 2.15. | Breast.....                                | 113 |
| 2.16. | Cervix Uteri.....                          | 115 |
| 2.17. | Corpus Uteri.....                          | 117 |
| 2.18. | Ovary.....                                 | 119 |
| 2.19. | Prostate.....                              | 121 |
| 2.20. | Testis.....                                | 123 |
| 2.21. | Kidney & Urinary Organs.....               | 125 |
| 2.22. | Bladder.....                               | 127 |
| 2.23. | Brain & Central Nerves.....                | 129 |
| 2.24. | Thyroid.....                               | 131 |
| 2.25. | Hodgkin's Disease.....                     | 133 |
| 2.26. | Non Hodgkin Lymphoma.....                  | 135 |
| 2.27. | Multiple Myeloma.....                      | 137 |
| 2.28. | Leukaemia.....                             | 139 |

## **0. Résumé français**

**En Suisse, le cancer se place au deuxième rang des causes de décès, juste après les maladies cardiovasculaires : près de 28 % des décès lui sont imputables chez les hommes et 22 % chez les femmes. L'évolution démographique laisse même présager un accroissement de la population âgée et des cas de cancers.**

Dans notre pays, les données exactes sur l'incidence du cancer font partiellement défaut. **Or, le Registre des tumeurs est le seul instrument capable de renseigner les responsables politiques, ainsi que le corps médical sur l'étendue du phénomène.** Seul 9 registres cantonaux des tumeurs existent en Suisse couvrant environ 57 % de la population helvétique. Ces registres représentent un élément essentiel pour la surveillance de cette maladie, en terme de nouveaux cas diagnostiqués, de mortalité et de survie. Ils offrent également un cadre permettant de mener à bien des études épidémiologiques sur les causes des différents cancers.

**Le canton du Valais a la chance d'avoir un Registre des tumeurs depuis 1988.** Cette publication complète les deux premiers rapports publiés par le Registre : « Le Cancer en Valais 1989-1993 » et « Le Cancer en Valais 1994-1998 ». Ces deux rapports présentaient des informations sur les nouveaux cas et la mortalité par cancer pour deux périodes quinquennales. Dans cette nouvelle publication préparée en collaboration très étroite avec l'Association suisse des registres des tumeurs deux années supplémentaires ont été analysées : 1999 et 2000. Ce rapport présente donc trois périodes de quatre ans pour les nouveaux cas (incidence) : 1989-1992, 1993-1996, et 1997-2000. Par ailleurs, les analyses de mortalité ont été effectuées sur la base des certificats de décès en collaboration avec l'Office fédéral de la statistique de 1981 à 2001 et regroupent quatre périodes de quatre ans et une de cinq. **Ce rapport nous offre donc une image de l'évolution de la maladie cancéreuse depuis la création du Registre valaisan des tumeurs (1988) en terme d'incidence et même sur une période de 21 ans en terme de mortalité.**

Cette publication se divise en deux parties bien distinctes. Les données d'incidence sont tout d'abord présentées, puis celles de mortalité. Chacune des parties contient des chiffres et des analyses sur les cancers totaux, puis par localisation, incluant notamment des comparaisons avec la moyenne nationale.

Les données sur le nombre de décès et la mortalité nous ont été transmises par l'Office fédéral de la statistique. Suite au changement de classification des causes de décès de la CIM-8 à la CIM-10 en 1995, de nouvelles règles de codage ont été introduites pour les patients ayant plusieurs pathologies. De plus, afin de rendre comparables les données sur une période de 21 ans, les principaux types de cancers apparus avant 1995 ont été corrigés d'un facteur de 0.9 à 1 suivant le type de cancer, le groupe d'âge et le sexe. Un petit nombre de cas, qui n'auraient pas été des cas de cancers avec les nouvelles règles, a donc été exclu. Les cancers pour lesquels des corrections ont été apportées sont annotés d'un astérisque sur les tableaux 2.0. Summary des données de mortalité.

### **Cancers totaux**

Nous savons grâce au Registre valaisan des tumeurs qu'en Valais 640 nouveaux cas de cancers sont diagnostiqués chaque année chez les hommes. **Entre 1997 et 2000, le cancer de la prostate était le plus fréquent avec 21 % des cas ; il était suivi par le cancer du poumon (16%) et du cancer du côlon et du rectum (10%).**

Nous observons que chez les hommes les taux standardisés étaient de 430 pour 100'000 habitants durant la période de 1989-1992, puis atteignaient un pic de 471 en 1993-1996, avant de redescendre légèrement à 459 en 1997-2000.

Chez les femmes, 530 nouveaux cas apparaissent chaque année. **Entre 1997 et 2000, le cancer du sein occupait très nettement la première place avec 35 % des cas. Le cancer du côlon et du rectum représentait 10 % des cas et occupait la deuxième position, suivi du cancer du poumon (7%).** Ce rapport montre qu'en terme d'incidence le nombre total de cancers continue à augmenter chez les femmes. Les taux standardisés étaient respectivement de 291, 316, et 325 pour 100'000 habitants pour les 3 périodes considérées.

**Le vieillissement de la population explique en grande partie cet accroissement du nombre de cancers chez les femmes et en partie chez les hommes.** Par ailleurs, le dépistage explique également cette augmentation, en particulier chez les femmes avec le dépistage du cancer du sein qui occupe le premier rang en terme de fréquence. Chez l'homme, par contre, il est possible qu'un dépistage moins intensif du cancer de la prostate entre 1997 et 2000 explique la diminution de l'incidence totale des cancers observée maintenant. L'avenir nous dira si les taux d'incidence vont continuer à baisser ou vont à nouveau augmenter.

**En terme de mortalité, nous observons une baisse générale des taux de mortalité de tous les cancers confondus depuis 20 ans, autant chez les hommes que chez les femmes. Cette diminution s'explique principalement par l'amélioration de la prise en charge des patients atteints de cancer et de leur survie.** Chez les hommes, le cancer du poumon occupe le premier rang en terme de fréquence (24%), suivi du cancer de la prostate (13%). Chez les femmes, le cancer du sein est le plus meurtrier (18%), suivi du cancer du poumon (12%).

**Chez les hommes, le nombre total de nouveaux cas de cancer n'était pas statistiquement plus élevé dans le canton du Valais que dans le reste de la Suisse, par contre, les taux de mortalité l'étaient pour les deux dernières périodes (1993-1996 et 1997-2001). Chez les femmes les taux d'incidence étaient statistiquement moins élevés en Valais par rapport à la moyenne nationale entre 1989 et 2000.**

### ***Cancer du sein***

**Chez les femmes valaisannes, les taux standardisés d'incidence du cancer du sein progressent de manière régulière entre les trois périodes.**

En terme de mortalité, nous notons en Valais une augmentation des taux jusqu'à la période 1993-1996 puis une baisse, probablement due à l'amélioration de la prise en charge médicale et thérapeutique.

Cette augmentation d'incidence est à mettre en parallèle à celle observée à l'échelon national. **Cependant, il existe des différences importantes entre les cantons, l'incidence étant la plus élevée dans les cantons qui pratiquent un dépistage systématique comme le Valais, Vaud et Genève, car le cancer y est détecté plus précocement.** De plus, grâce au dépistage du cancer du sein, la proportion de diagnostics précoces augmente. Et, plus un cancer du sein est détecté à un stade précoce, plus les chances de survie s'améliorent en même temps que les séquelles graves diminuent.

**Les différences de taux d'incidence du cancer du sein n'étaient pas statistiquement significatives entre le Valais et la Suisse.**

## ***Cancer de la prostate***

**Les résultats montrent une augmentation de l'incidence du cancer de la prostate entre les périodes de 1989–1992 et 1993-1996, suivie d'une baisse par rapport à la période 1997–2000.**

L'évolution de la mortalité du cancer de la prostate au cours de temps a la même apparence que celle de l'incidence. Il est probable que la baisse observée ces dernières années soit due à une détection plus précoce et une amélioration des traitements.

**Pour le cancer de la prostate, les consultations médicales et le dépistage par le PSA (Prostate Specific Antigen) jouent un rôle important dans la fréquence de ce cancer.** Pour l'instant un dépistage systématique au moyen du PSA n'est pas recommandé dans la pratique médicale. Il est possible que suite à l'augmentation spectaculaire de l'incidence entre les deux premières périodes (28.5 %), due à une recherche assidue des cas de cancers de la prostate, on soit revenu à une certaine modération. Par ailleurs, le cancer de la prostate reste le cancer le plus fréquent en terme d'incidence chez les hommes.

**L'incidence de ce cancer continue à augmenter au niveau national. Nous observons que lors de la première (1989 – 1992) et la dernière période (1997-2000) le canton du Valais comptait significativement moins de cas que l'ensemble du pays.**

## ***Cancer du poumon***

Chez les hommes valaisans, l'incidence du cancer pulmonaire augmente légèrement entre les trois périodes observées, alors que la tendance est inverse parmi les hommes suisses ou européens. **Sachant que plus de 80 % des cancers pulmonaires sont dus au tabac, ces chiffres montrent que l'épidémie de tabagisme n'a pas encore atteint son pic dans le canton du Valais, contrairement à d'autres cantons de Suisse.** Les chiffres de l'Enquête suisse sur la santé montraient que ce pic a été atteint chez les hommes en 1997, mais il y a une très grande latence entre le moment de fumer et le développement d'un cancer.

Il est probable que le nombre de cancers pulmonaires va continuer à augmenter chez les hommes en Valais pendant quelques années, puis va diminuer, ce d'autant plus que la mortalité chez les hommes diminue déjà depuis 20 ans.

**Chez les femmes, par contre, nous observons une augmentation de l'incidence du cancer pulmonaire autant en Valais qu'en Suisse, qui est le reflet de l'épidémie de tabagisme féminin de la dernière décennie.**

En terme de mortalité les chiffres sont également très inquiétants pour les femmes valaisannes et suisses, puisque cette mortalité ne cesse d'augmenter depuis 20 ans, alors que pour les hommes elle diminue depuis deux décennies.

**Il est essentiel de poursuivre la lutte anti-tabagique.** Afin de renverser cette tendance. Il est essentiel de recourir aux méthodes reconnues les plus efficaces de lutte contre le tabagisme comme l'augmentation du prix de la cigarette, les restrictions d'accès à la cigarette, l'interdiction de la publicité. Au vu des récents travaux qui ont montré qu'une part non négligeable des cancers pulmonaires était également due à la fumée passive, il faut maintenant également obtenir des lieux publics sans fumée.

**Le canton du Valais comptait, chez les hommes, statistiquement plus de cas de cancer du poumon que la moyenne nationale au cours de la dernière période autant en terme d'incidence (1997-2000) que de mortalité (1997-2001).**

### ***Cancer du côlon et du rectum***

**Chez les hommes, nous observons une augmentation modérée du nombre de cancers du côlon et du rectum au cours des trois périodes.** Cette très légère augmentation de l'incidence chez les hommes est parallèle à celle observée en Suisse. Il est possible qu'elle soit due à une sensibilisation plus grande des cliniciens à ce type de pathologies et que les médecins fassent plus souvent des tests de dépistage comme la recherche de sang dans les selles ou des recto- ou colonoscopies.

Chez les femmes, les taux de cancer du colon et rectum sont stables. Par ailleurs, ce cancer se situe en deuxième place en terme de fréquence chez les femmes avec 10 %.

Par ailleurs, **la mortalité due au cancer du côlon et du rectum ne cesse de diminuer depuis 20 ans, probablement en raison de progrès thérapeutiques.**

**Il est maintenant reconnu que l'activité physique, ainsi qu'une alimentation riche en fruits et légumes et pauvre en graisse animale et en viande rouge à un effet protecteur sur l'apparition de ce cancer.** Il est probablement encore trop tôt pour observer l'effet des campagnes de prévention faites dans ce domaine sur l'incidence du cancer.

Le canton du Valais compte statistiquement moins de nouveaux cas de cancer du colon et du rectum que le reste de la Suisse durant la dernière période observée (1997-2000).

### ***Cancer de l'estomac***

**Chez les hommes, nous observons une baisse importante du nombre de cancers de l'estomac au cours des trois périodes.** Cette baisse est parallèle à celle observée en Suisse et en Europe.

**Une baisse importante de l'incidence de ce cancer a été enregistrée chez les femmes. Celle-ci s'explique en partie par un meilleur conditionnement et une meilleure réfrigération des aliments.**

Par ailleurs, la mortalité suit la même tendance et a diminué de manière importante au cours des 21 années observées.

**Les principaux facteurs de risque dans la genèse du cancer de l'estomac sont alimentaires.** La consommation de fruits, de légumes et d'anti-oxydants exercerait un effet protecteur, alors que la consommation de sel et les aliments salés semblent avoir une action irritante sur la paroi gastrique, et un effet cancérigène à long terme. De plus, plusieurs études ont montré un lien entre le cancer gastrique et des agents infectieux comme *Helicobacter Pylori*. Par ailleurs, des concentrations élevées de nitrates et de nitrites dans les aliments et l'eau semblent également jouer un rôle.

**Le canton du Valais a des taux de nouveaux cas et de mortalité statistiquement plus élevés que la moyenne suisse pour ce cancer, sauf lors de la dernière période d'incidence chez les femmes. Mais ces différences doivent être relativisées par la diminution générale observée au cours du temps dans les pays développés.**

## ***Mélanome malin cutané***

**L'incidence des mélanomes cutanés malins progressait de manière spectaculaire entre les années 1989–1992 et 1997–2000 chez les hommes.** Les mêmes observations étaient également faites pour les chiffres suisses.

**Chez les femmes valaisannes ce type de tumeur augmente également beaucoup au cours du temps.** Le mélanome occupait le sixième rang en terme de pourcentage parmi ce sexe.

Les taux de mortalité étaient restés stables au cours de 21 années d'observation, par contre chez les femmes nous avons noté une augmentation au cours de la dernière période (1997-2001).

**Au vu du doublement des cas de mélanome observés ces dernières années dans les deux sexes, il est urgent que les mesures de prévention à large échelle soient être répétées en Suisse.** Il est en particulier important que la population soit tout à fait renseignée que le soleil peut être source de bien-être mais aussi de danger. Toute personne devrait connaître la sensibilité de sa peau, l'intensité des rayons ultraviolets et se comporter en conséquence au soleil, en particulier en se protégeant au maximum du soleil et en optant pour des produits solaires à haut indice de protection. De plus, chaque personne devrait surveiller sa peau et consulter un médecin en cas de grain de beauté suspect ou qui change d'aspect.

**Malgré l'augmentation observée, le canton du Valais compte statistiquement moins de cas de mélanomes que la Suisse.**

## ***Cancer du foie***

Comme noté dans le dernier Rapport sur le Cancer en Valais 1994–1998, **nous observons une importante augmentation de l'incidence des cancers primaires du foie chez l'homme qui classait le Valais parmi les premiers rangs européens.** Dans la présente publication, nous avons noté la même augmentation de l'incidence du cancer du foie entre les années 1989–1992 et 1993-1996. Par contre, les taux avaient ensuite diminué entre 1997-2000, même si les taux d'incidence valaisans restaient au-dessus de la moyenne suisse.

Chez les femmes les taux d'incidence sont beaucoup plus bas et stables que chez les hommes.

**Les taux de mortalité augmentent chez les hommes valaisans entre 1981 et 2001. Par contre ils changent peu chez les femmes.**

**Sachant que l'alcool est le principal facteur de risque du cancer du foie et que le Valais est un canton viticole peut être une explication à ces résultats.** De plus, la baisse de l'incidence dans la dernière période est à mettre en parallèle avec la baisse générale de la consommation d'alcool dans la population suisse et valaisanne en particulier, mise en évidence dans les Enquêtes suisses sur la santé effectuées en 1992 et 1997. Cette baisse de consommation d'alcool va encore s'accroître au vu des nouvelles campagnes de prévention et de l'introduction de la limite de 0.5 pour mille pour la conduite d'un véhicule, qui est une mesure indispensable pour stabiliser les taux de cancer du foie.

**Chez les hommes, le canton du Valais compte statistiquement plus de cancers du foie que la moyenne suisse.**

### ***Autres cancers associés à la consommation d'alcool***

Comme pour le cancer du foie, nous observons le même phénomène pour le cancer de la bouche et du pharynx et le cancer de l'œsophage chez les hommes, avec tout d'abord une augmentation entre 1989 et 1996 puis une baisse des taux d'incidence entre 1997 et 2000. **Or, l'alcool est aussi le principal facteur de risque des cancers de la bouche et du pharynx et de l'œsophage; il est donc probable qu'un pic a été atteint en Valais dans les années 1993-1996 pour les cancers associés à une consommation excessive d'alcool.**

**Chez les hommes, les cancers associés à la consommation d'alcool qui sont statistiquement plus élevés dans le canton du Valais qu'en Suisse sont en plus du cancer du foie, ceux de la bouche et du pharynx (incidence 1989-2000, mortalité 1981-1996), de l'œsophage (incidence 1989-2000, mortalité 1985-1988 et 1993-2001) et du pancréas (incidence 1997-2000, mortalité 1985-1988 et 1997-2001).**

### ***Autres cancers***

L'incidence et la mortalité des cancers des ovaires pour la périodes 1997-2000 et le taux de mortalité des leucémies entre 1993 et 1996 chez les hommes étaient statistiquement plus élevés en Valais qu'en Suisse.

**Par contre, quelques autres cancers étaient statistiquement moins élevés par rapport à la moyenne nationale.** Pour l'incidence, il s'agissait du cancer du col de l'utérus (1993-2000), des testicules (1997-2000), **de la vessie chez les hommes (1989-1992 et 1997-2000) et les femmes (1993-2000)**, et des lymphomes non-hodgkiniens chez les hommes (1989-1992) et chez les femmes (1993-2000).

De même les autres cancers statistiquement moins élevés pour la mortalité étaient : le cancer de la vésicule biliaire chez les femmes (1981-1984), le cancer du col de l'utérus (1985-1988), le cancer du corps de l'utérus (1981-1984), et les lymphomes non-hodgkiniens chez les hommes (1985-1992).

## **0.1. Zusammenfassung**

**Nach den Herz-Kreislauf-Erkrankungen ist der Krebs die zweithäufigste Todesursache in der Schweiz: fast 28% der Todesfälle bei den Männern und 22% bei den Frauen sind auf eine Krebserkrankung zurückzuführen. Die demografische Entwicklung lässt sogar eine Zunahme der älteren Bevölkerung und der Fälle von Krebserkrankungen vermuten.**

In unserem Land fehlen teilweise exakte Daten über die Krebsinzidenz. **Das Krebsregister ist das einzige Instrument, mit dem sich die verantwortlichen Politiker über das Ausmass dieser Krankheit informieren können.** In der Schweiz gibt es nur 9 kantonale Krebsregister. Sie erfassen ca. 57% der Schweizer Bevölkerung. Diese Register sind ein wichtiges Mittel bei der Beobachtung dieser Krankheit bezüglich neu diagnostizierter Fälle, Sterblichkeits- und Überlebensraten. Sie bieten auch einen Rahmen für die Durchführung epidemiologischer Studien über die Ursachen der verschiedenen Krebserkrankungen.

**Der Kanton Wallis verfügt schon seit 1988 über ein Krebsregister.** Diese Publikation vervollständigt nun die beiden ersten Berichte des Krebsregisters: „Der Krebs im Wallis 1989-1993“ und „Der Krebs im Wallis 1994-1998“. Diese beiden Berichte informierten über neue Krankheitsfälle und die Sterblichkeitsraten bei Krebs für zwei Fünfjahreszeiträume. In dieser neuen Publikation, die in enger Zusammenarbeit mit der Vereinigung schweizerischer Krebsregister vorbereitet wurde, wurden zwei weitere Jahre untersucht, nämlich 1999 und 2000. Dieser Bericht umfasst somit drei Vierjahreszeiträume für die neuen Krebsfälle (Inzidenz): 1989-1992, 1993-1996 und 1997-2000. Die Sterblichkeitsraten wurden in Zusammenarbeit mit dem Bundesamt für Statistik von 1981 bis 2001 auf der Grundlage von Totenscheinen analysiert und umfassen vier Vierjahreszeiträume und einen Fünfjahreszeitraum. **Dieser Bericht bietet uns daher ein genaues Bild der Entwicklung der Krebsinzidenz seit der Gründung des Walliser Krebsregisters im Jahr 1988. Bei der Sterblichkeitsrate beläuft sich der Beobachtungszeitraum sogar auf 21 Jahre.**

Diese Publikation teilt sich in zwei unterschiedliche Abschnitte: Im ersten Teil werden die Daten zur Inzidenz vorgestellt, im zweiten die Daten zur Sterblichkeit. Beide Teile beinhalten Zahlen und Analysen über sämtliche Krebsfälle, ihre Lokalisation sowie Vergleichsangaben zum nationalen Durchschnitt.

Die Daten über die Anzahl der Todesfälle und die Sterblichkeit wurden uns vom Bundesamt für Statistik zur Verfügung gestellt. Da 1995 die Klassifizierung der Todesursachen von CIM-8 nach CIM-10 geändert wurde, wurden neue Kodierungsvorschriften für Patienten mit mehrfachen Erkrankungen eingeführt. Um die Daten über einen Zeitraum von 21 Jahren miteinander vergleichen zu können, wurden darüber hinaus die Hauptkrebsarten aus der Zeit vor 1995 mit dem Faktor 0.9 bis 1 je nach Krebsart, Altersgruppe und Geschlecht korrigiert. Eine kleine Anzahl von Krankheitsfällen, die nach den neuen Vorschriften nicht als Krebserkrankungen zählten, wurde damit ausgeschlossen. Die Krebserkrankungen, für die Korrekturen durchgeführt wurden, erhielten in den Tabellen *2.0 Zusammenfassung der Sterblichkeitsdaten* ein kleines Sternchen.

### ***Krebsfälle insgesamt***

Aus dem Walliser Krebsregister geht hervor, dass im Wallis bei den Männern jährlich 640 neue Krebsfälle diagnostiziert werden. **Zwischen 1997 und 2000 wurde mit 21% der Fälle am häufigsten der Prostatakrebs diagnostiziert, gefolgt vom Lungenkrebs mit 16% und dem Dickdarmkrebs mit 10%.**

Wir beobachten, dass bei den Männern die standardisierten Raten für den Zeitraum von 1989-1992 bei 430 Fällen pro 100'000 Einwohner lagen, 1993-1996 erreichten sie eine Spitze von 471 Fällen und fielen dann im Zeitraum 1997-2000 wieder leicht auf 459 Fälle ab.

Bei den Frauen gibt es pro Jahr 530 neue Krankheitsfälle. **Zwischen 1997 und 2000 belegte der Brustkrebs mit 35% deutlich den ersten Platz bei den Krebserkrankungen, gefolgt vom Dickdarmkrebs mit 10% und dem Lungenkrebs mit 7% an dritter Stelle.** Dieser Bericht zeigt, dass bezüglich der Inzidenz die Gesamtanzahl der Krebserkrankungen bei den Frauen weiter ansteigt. Die standardisierten Raten beliefen sich für die drei untersuchten Zeiträume auf je 291, 316 und 325 Krankheitsfälle pro 100'000 Einwohner.

**Die Überalterung der Bevölkerung erklärt zum grossen Teil den Anstieg der Krebserkrankung bei den Frauen und teilweise bei den Männern.** Im Übrigen ist dieser Anstieg auch durch die Vorbeugeuntersuchungen zu erklären, die insbesondere bei den Frauen zur Früherkennung von Brustkrebs beitragen, der den ersten Rang bei den weiblichen Krebserkrankungen einnimmt. Bei den Männern dagegen ist es möglich, dass ein Nachlassen bei den Vorbeugeuntersuchungen für den Prostatakrebs zwischen 1997 und 2000 die Verringerung der jetzt beobachteten Gesamtkrebsinzidenz erklärt. Die Zukunft wird uns zeigen, ob die Inzidenzraten weiter sinken oder erneut ansteigen werden.

**Sowohl bei den Frauen als auch den Männern ist ein allgemeiner Rückgang bei den Sterblichkeitsraten aller seit 20 Jahren auftretenden Krebserkrankungen festzustellen. Dieser Rückgang erklärt sich hauptsächlich durch eine Verbesserung der Behandlung von Krebspatienten und ihrer Überlebenschancen.** Die häufigste Krebserkrankung bei den Männern ist der Lungenkrebs mit 24%, gefolgt vom Prostatakrebs mit 13%. Bei den Frauen ist der Brustkrebs die häufigste Todesursache (18%), gefolgt vom Lungenkrebs mit 12%.

**Bei den Männern war die Gesamtzahl der Krebsneuerkrankungen im Kanton Wallis statistisch nicht höher als in der übrigen Schweiz, was jedoch nicht für die Sterblichkeitsraten der beiden letzten Zeiträume (1993-1996 und 1997-2001) gilt.** Bei den Frauen war die Inzidenzrate im Wallis verglichen mit dem nationalen Durchschnitt zwischen 1989 und 1992 statistisch niedriger.

### **Brustkrebs**

**Bei den Walliser Frauen stiegen die standardisierten Inzidenzraten beim Brustkrebs zwischen den drei Zeiträumen regelmässig an.**

Die Sterblichkeitsrate beim Brustkrebs stieg im Wallis bis zum Zeitraum 1993-1996 zunächst an und fiel danach ab. Dies ist sehr wahrscheinlich auf eine Verbesserung bei der medizinischen und therapeutischen Behandlung zurückzuführen.

Die Erhöhung der Inzidenz verläuft parallel zur Zunahme, die auf nationaler Ebene beobachtet werden kann. **Es gibt jedoch erhebliche Unterschiede zwischen den Kantonen. Die Inzidenz ist in den Kantonen am höchsten, die eine systematische Früherkennung durchführen, wie z.B. die Kantone Wallis, Waadt und Genf, weil in diesen Kantonen die Krebserkrankungen folglich sehr früh entdeckt werden.** Darüber hinaus steigt durch die Vorbeugeuntersuchungen für den Brustkrebs die Zahl der ganz frühen Diagnosen an. Je früher der Brustkrebs entdeckt wird, desto höher sind die Überlebenschancen und desto mehr verringern sich die schweren Folgen dieser Krankheit.

**Es konnten keine statistisch signifikanten Unterschiede in der Inzidenzrate beim Brustkrebs zwischen dem Wallis und der Schweiz festgestellt werden.**

## **Prostatakrebs**

**Die Ergebnisse weisen eine Erhöhung der Inzidenz des Prostatakrebses zwischen den Zeiträumen 1989-1992 und 1993-1996 aus, im Zeitraum 1997-2000 folgte ein Rückgang.**

Die Entwicklung der Sterblichkeitsrate bei Prostatakrebs im Laufe der Zeit folgt genau der Inzidenzrate. Es ist wahrscheinlich, dass der in den letzten Jahren beobachtete Rückgang auf eine Früherkennung und Verbesserung der Behandlung zurückzuführen ist.

**Beim Prostatakrebs spielen die Arztbesuche und die Früherkennung durch PSA (Prostate Specific Antigen) eine wichtige Rolle bei der Häufigkeit dieser Krebsart.** Momentan ist eine systematische Früherkennung durch PSA in der medizinischen Praxis nicht empfehlenswert. Es ist möglich, dass nach der spektakulären Zunahme der Inzidenz zwischen den beiden ersten Zeiträumen (28,5%), die auf eine sorgfältige Vorbeugeuntersuchung für Prostatakrebs zurückzuführen ist, die Lage sich wieder beruhigt. Dennoch bleibt der Prostatakrebs die Krebsart mit der höchsten Inzidenzrate bei den Männern.

**Die Inzidenz dieser Krebsart auf nationaler Ebene immer weiter ansteigt. Wir können beobachten, dass im erstem (1989 – 1992) und im letzten Zeitraum (1997-2000) der Kanton Wallis signifikant weniger Fälle verzeichnete als die gesamte Schweiz.**

## **Lungenkrebs**

Bei den Männern im Wallis ist die Inzidenz des Lungenkrebses zwischen den drei beobachteten Zeiträumen leicht angestiegen, während der Trend bei den übrigen Schweizer und bei den europäischen Männern rückläufig war. **Wir wissen, dass mehr als 80% der Lungenkrebsfälle auf das Rauchen zurückzuführen sind. Deshalb belegen die Zahlen, dass der Tabakmissbrauch im Kanton Wallis im Gegensatz zu den anderen Schweizer Kantonen noch nicht seinen Höhepunkt erreicht hat.**

Die Zahlen der Schweizerischen Gesundheitsbefragung zeigten, dass der Höhepunkt bei den Männern 1997 erreicht war, aber es gibt eine sehr grosse Latenzzeit zwischen dem Zeitpunkt des Rauchens und der Entstehung eines Krebses.

Vermutlich wird die Zahl der Lungenkrebsfälle bei den Männern im Wallis in den kommenden Jahren zunächst noch weiter ansteigen und dann wieder zurückgehen, zumal die Sterblichkeit bei den Männern schon seit 20 Jahren rückläufig ist.

**Bei den Frauen ist dagegen eine Zunahme der Lungenkrebsinzidenz sowohl im Wallis als auch in der übrigen Schweiz zu beobachten, was den weit verbreiteten Tabakmissbrauch durch die Frauen in den letzten zehn Jahren widerspiegelt.**

Auch die Sterblichkeitsrate ist für die Walliser und Schweizer Frauen sehr beunruhigend, weil sie in den letzten 20 Jahren immer weiter angestiegen ist, während diejenige der Männer seit zwei Jahrzehnten zurückgeht.

**Es ist ganz wichtig, auch in Zukunft Anti-Raucher Kampagnen durchzuführen,** um diesen Trend zu stoppen. Dabei sollte auf Methoden zurückgegriffen werden, die sich im Kampf gegen die Tabaksucht als sehr effizient erwiesen haben: Erhöhung des Zigarettenpreises, Einschränkungen bei den Möglichkeiten des Zigarettenkaufs, Werbeverbot usw. Neuere Untersuchungen haben gezeigt, dass ein nicht zu vernachlässigender Teil der Lungenkrebserkrankungen auch auf das Passivrauchen zurückzuführen ist. Es ist deshalb dringend geboten, dafür zu sorgen, dass die öffentlichen Plätze rauchfrei sind.

**Während des letzten Zeitraums verzeichnete der Kanton Wallis bei den Männern sowohl bei der Inzidenzrate (1997-2000) als auch bei der Sterblichkeitsrate (1997-2001) statistisch mehr Lungenkrebsfälle als im nationalen Durchschnitt.**

### ***Dickdarmkrebs***

**Bei den Männern zeigt sich während der drei Beobachtungszeiträume eine leichte Erhöhung der Fälle von Dickdarmkrebs.** Diese Zunahme der Inzidenz ist auch in der übrigen Schweiz zu beobachten. Es ist möglich, dass sie auf eine grössere Sensibilisierung der praktizierenden Ärzte gegenüber diesem Krankheitstyp zurückzuführen ist und dass die Ärzte oft Vorbeugeuntersuchungen durchführen, wie z.B. die Suche nach Blut im Stuhl oder eine Rekto- bzw. Koloskopie.

Bei den Frauen ist die Rate der Fälle von Dickdarmkrebs stabil geblieben. Diese Krebsart ist mit 10% die zweithäufigste Krebserkrankung bei den Frauen.

**Die Sterblichkeitsrate beim Dickdarmkrebs nimmt seit 20 Jahren immer weiter ab. Diese Abnahme ist vermutlich auf die Fortschritte in der Behandlung zurückzuführen.**

**Es ist inzwischen erwiesen, dass sportliche Betätigung sowie eine Ernährung, die reich an Früchten und Gemüse und arm an tierischem Fett und rotem Fleisch ist, einen gewissen Schutzeffekt gegen diese Krebsart haben.** Es ist vermutlich noch zu früh, um die Wirkungen der entsprechenden Präventionskampagnen auf die Inzidenz dieser Krebsart zu erfassen.

Im letzten Zeitraum (1997-2000) verzeichnete der Kanton Wallis weniger Neuerkrankungen an Dickdarmkrebs als die restliche Schweiz.

### ***Magenkrebs***

**Im Verlauf der drei Zeiträume war bei den Männern ein starker Rückgang der Zahl der Magenkrebskrankungen zu verzeichnen.** Dieser Rückgang wurde auch in der übrigen Schweiz und in Europa beobachtet.

**Bei den Frauen wurde ein merklicher Rückgang der Inzidenz dieser Krebsart verzeichnet. Dies erklärt sich zum Teil aus einer besseren Verpackung der Lebensmittel und einer besseren Kühlung.**

Ausserdem ist auch die Sterblichkeitsrate in den 21 Beobachtungsjahren stark zurückgegangen.

**Hauptrisikofaktor bei der Entstehung von Magenkrebs ist die Ernährung.** Der Konsum von Früchten, Gemüse und Antioxydantien hat einen gewissen Schutzfaktor, während der Verzehr von Salz und gesalzenen Speisen die Magenwand irritieren und langfristig kreberregend wirken kann. Ausserdem konnte in mehreren Studien eine Wechselwirkung zwischen Magenkrebs und Infektionserregern wie z.B. dem *Helicobacter Pylori* nachgewiesen werden. Erhöhte Konzentrationen von Nitraten und Nitriten in den Lebensmitteln und im Wasser scheinen ebenfalls eine Rolle zu spielen.

**Im Kanton Wallis ist die Rate der Neuerkrankungen und Sterblichkeit für diesen Krebs statistisch höher als im Schweizer Durchschnitt, mit Ausnahme des letzten Inzidenzzeitraums bei den Frauen. Aber diese Unterschiede werden durch den im Lauf der Zeit in den Industrieländern beobachteten allgemeinen Rückgang relativiert.**

## ***Malignes Hautmelanom***

**Die Inzidenz der malignen Hautmelanome nahm in den Jahren 1989-1992 und 1997-2000 bei den Männern spektakulär zu.** Die gleichen Beobachtungen wurden auch auf Schweizer Ebene gemacht.

**Bei den Walliser Frauen nahm diese Krebsart im Laufe der Zeit ebenfalls zu.** Das maligne Hautmelanom steht beim weiblichen Geschlecht prozentual an sechster Stelle.

Die Sterblichkeitsraten sind in den 21 Beobachtungsjahren stabil geblieben, bei den Frauen konnte jedoch im Lauf des letzten Zeitraums (1997-2001) ein Anstieg beobachtet werden.

**Angesichts der Verdoppelung der Fälle maligner Melanome, die in den letzten Jahren bei beiden Geschlechtern beobachtet werden konnte, ist es dringend geboten, die Präventionsmassnahmen schweizweit auf breiter Ebene zu wiederholen.** Es ist insbesondere wichtig, die Bevölkerung darüber zu informieren, dass die Sonne nicht nur die Quelle des Wohlbefindens ist, sondern auch Gefahren in sich birgt.

So muss jeder über die Empfindlichkeit seiner Haut und die Intensität von ultravioletten Strahlen Bescheid wissen und darüber informiert sein, wie er sich in der Sonne verhalten soll, insbesondere indem er sich maximal gegen die Sonne schützt und ein Sonnenschutzmittel mit hohem Schutzfaktor aufträgt. Ausserdem soll jeder seine Haut beobachten und bei einem verdächtigen oder veränderten Muttermal den Arzt aufsuchen.

**Trotz der beobachteten Zunahme zählt der Kanton Wallis statistisch weniger Melanomerkrankungen als die übrige Schweiz.**

## ***Leberkrebs***

Wie schon im letzten Bericht über den Krebs im Wallis 1994–1998 angegeben, **konnte eine beachtliche Zunahme der Inzidenz des primären Leberkarzinoms bei den Männern festgestellt werden. Das Wallis nimmt bei dieser Krebsart damit einen der ersten Plätze in Europa ein.** Auch im vorliegenden Bericht wurde eine Zunahme der Inzidenz des Leberkrebses zwischen den Jahren 1989-1992 und 1993-1996 festgestellt. Dagegen war die Rate im folgenden Zeitraum 1997-2000 wieder gesunken, dennoch blieb die Walliser Inzidenzrate über dem Schweizer Durchschnitt.

Bei den Frauen sind die Inzidenzraten sehr viel niedriger als bei den Männern und sie sind stabil.

**Die Sterblichkeitsraten sind bei den Walliser Männern zwischen 1981 und 2001 angestiegen. Bei den Frauen änderten sie sich dagegen wenig.**

**Alkohol ist einer der Hauptrisikofaktoren für den Leberkrebs und da das Wallis ein Weinkanton ist, könnte dies eine Erklärung für diese Ergebnisse sein.** Der Rückgang der Inzidenz im letzten Beobachtungszeitraum verläuft parallel mit dem allgemeinen Rückgang des Alkoholkonsums in der Schweizer Bevölkerung und insbesondere im Wallis, der aus der Schweizerischen Gesundheitsbefragung aus den Jahren 1992 und 1997 hervorgeht. Dieser Rückgang beim Alkoholkonsum wird sich angesichts der neuen Präventionskampagnen und der Einführung einer Promillegrenze von 0,5 für das Führen eines Fahrzeugs noch weiter verstärken. Diese Massnahme ist für die Stabilisierung der Leberkrebsraten unerlässlich.

**Im Kanton Wallis erkranken statistisch mehr Männer an Leberkrebs als im Schweizer Durchschnitt.**

### ***Andere Krebserkrankungen, die mit dem Alkoholkonsum in Zusammenhang stehen***

Wie beim Leberkrebs ist auch beim Mund-, Rachen- und Speiseröhrenkrebs bei den Männern zu beobachten, dass die Inzidenzraten zwischen 1989 und 1996 zunächst anstiegen und zwischen 1997 und 2000 dann wieder sanken. **Da auch beim Mund-, Rachen- und Speiseröhrenkrebs der Alkohol ein Hauptrisikofaktor ist, ist es durchaus wahrscheinlich, dass der Höhepunkt für Krebserkrankungen im Zusammenhang mit übermässigem Alkoholkonsum im Wallis in den Jahren 1993-1996 schon erreicht war.**

**Bei den Männern ist von den Krebserkrankungen im Zusammenhang mit Alkoholkonsum im Kanton Wallis nicht nur der Leberkrebs statistisch höher als in der übrigen Schweiz, sondern auch der Mund- und Rachenkrebs (Inzidenz 1989-2000, Sterblichkeit 1981-1996), der Speiseröhrenkrebs (Inzidenz 1989-2000, Sterblichkeit 1985-1988 und 1993-2001) und der Bauchspeicheldrüsenkrebs (Inzidenz 1997-2000, Sterblichkeit 1985-1988 und 1997-2001).**

### ***Andere Krebsarten***

Unter den anderen Krebserkrankungen waren nur die Inzidenz- und Sterblichkeitsrate des Eierstockkrebses für den Zeitraum 1997-2000 und die Sterblichkeitsraten bei Leukämie zwischen 1993 und 1996 bei den Männern im Wallis statistisch höher als in der übrigen Schweiz.

**Dagegen waren einige andere Krebsarten im Wallis statistisch niedriger als im nationalen Durchschnitt.** Bei der Inzidenz handelte es sich um den Gebärmutterhalskrebs (1993-2000), den Hodenkrebs (1997-2000), **den Blasenkrebs bei den Männer (1989-1992 und 1997-2000) und bei den Frauen (1993-2000)**, und die Nicht-Hodgkin-Lymphome bei den Männern (1989-1992) und bei den Frauen (1993-2000).

Andere Krebsarten mit statistisch geringeren Sterblichkeitsraten waren: der Gallenblasenkrebs bei den Frauen (1981-1984), der Gebärmutterhalskrebs (1985-1988), der Uteruskrebs (1981-1984) und die Non-Hodgkin-Lymphome bei den Männern (1985-1992).

## **0.2. Abstract**

**In Switzerland, cancer is the second cause of death after cardio-vascular diseases, being responsible of 28% of death in men and 22% in women. Demographic evolution and aging of the population will even worsen the situation and increase the incidence of cancer.**

In Switzerland, exact data on cancer incidence are partially lacking. **Cancer Registries are the only instrument able to give information to policy makers about the scale of cancer disease.** Only nine cantonal Cancer Registries exist in the country, covering 57% of the Swiss population. However, these Registries are key elements in the surveillance of the disease, in terms of incidence, mortality, and survival. They are also tools offering a wide range of possibilities for implementing epidemiologic research about the causes of the different cancers.

**The Tumour Registry of the Canton of Valais was founded in 1988.** This present publication is complementary to two previous reports published by the Registry: "Le Cancer en Valais 1989-1993" and "Le Cancer en Valais 1994-1998". These two first reports provided information on incidence and mortality for each cancer site for two five years periods. In this new publication prepared in collaboration with the Swiss Association for Tumour Registries, two more years are analyzed: 1999 and 2000. Therefore, this publication present data from three periods of four years for incidence: 1989-1992, 1993-1996, and 1997-2000. Then, mortality analyses are based on death certificates from 1981 to 2001 and include five periods of four years. **This report provides an overview of the evolution of cancer diseases since the beginning of the Tumour Registry in term of incidence and even over a twenty years period in term of mortality.**

This publication is divided in two distinct parts. First, incidence data are presented, followed by mortality data. Each part provides numbers and analyses on all cancers, and then cancer by site, including comparison with a national estimate.

Data from death certificates on mortality were transmitted by the Swiss Federal Statistical Office. As the cause of death coding classification changed in 1995 from ICD-8 to ICD-10, some priority rules were modified accordingly for patients with several pathologies. In order to keep series comparable over the entire period of twenty years, the data of the main cancers before 1995 were corrected by a factor usually comprised between 0.9 and 1, according to cancer site, gender and age group. This implied statistical rejection for a small part of the counted death between 1981 and 1994 that would not be a cancer with the new rules. The correction factors have been determined for the main cancer only. These are marked with an asterisk on the Table 2.0 summary for the data on mortality.

## **All Cancers**

We know through the data from the Tumour Registry that in the Canton of Valais, 640 new cases of cancer are diagnosed each year in men. **Between 1997 and 2000, prostate cancer was the most frequent cancer accounting for 21% of cases, followed by lung cancer (16%) and colon cancer (10%).** We observed that in men, standardized rates were 430 per 100'000 inhabitants for the year 1989-1992. After, these rates reached a peak of 471 in 1993-1996, and then they decrease slightly to 459 for the period 1997-2000.

In women 530 new cases occurs each year. **Between 1997 and 2000, breast cancer was leading in term of frequencies with 35% of new cases followed by colon cancer (10%) and lung cancer (7%).** In this report we observed that the total number of cancers in term of incidence is still increasing in women. Standardized rates being respectively 291, 316, and 325 versus 100'000 inhabitants for the three periods under study.

**Aging of the population is probably the main explanation of the increased trend observed in both genders.** Then, improved diagnostic methods and screening are also responsible for this increase, in particular in women where breast cancer screening is partially responsible to the fact that this cancer is the first one in term of frequencies. In men, it is possible that less intensive screening of prostate cancer between the years 1997 and 2000 was responsible for the decrease of the incidence of all cancers observed during these years. We will see in the future if these rates will further decrease or start to increase again.

**In terms of mortality, we observed a decreasing trend of mortality rates of all cancers since twenty years in both genders. This trend is mainly explained by new improved treatments.** In men, lung cancer was at the first place in term of mortality (24%), followed by prostate cancer (13%). In women, breast cancer had the highest mortality (18%), followed by lung cancer (12%).

**In men, standardized incidence rates were not statistically significantly higher in the Canton of Valais in comparison to the national mean. However, mortality rates were statistically significantly higher for the two last periods (1993-1996 and 1997-2001).** In women, incidence rates were lower compared to Swiss estimates in the first period (1989-1992).

## **Breast cancer**

**Among women of the Canton of Valais, standardized incidence rates of breast cancer have increased regularly from 95 per 100'000 inhabitants in 1989-1992, to 115 in 1993-1996, and 119 between 1997 and 2000.**

In term of mortality, we observed an increase of rates until the period 1993-1996, followed by a decrease, probably due to improved medical and therapeutic procedure.

This increased incidence is parallel to the one observed at the national level. **However, large differences in incidence rates exists between Cantons, the highest being observed in Cantons where systematic screening is organized, as in Cantons of Valais, Vaud and Geneva, because cancers cases are detected earlier.** Screening is also responsible for the increased proportion of early diagnosis. Furthermore, detection of early stage of breast cancers implies improved survival and decreased complications.

**Differences in standardized incidence rates were not statistically significantly between the Canton of Valais and the national mean.**

## ***Prostate Cancer***

**Results of this report showed an increase of the incidence of the prostate cancer between 1989-1992 and 1993-1996, followed by a decrease for the period 1997-2000.**

The trend over time for mortality rates of prostate cancer follows the same patterns as for the incidence rates. It is possible that the observed decrease in the last years is explained by improved therapies.

**For prostate cancer, medical consultation and screening with the prostate specific antigen (PSA) plays an important role in the frequency of this tumour.** At this time systematic screening with PSA is not recommended. It is possible that after the spectacular increase in the incidence rates between the two first periods of observation (28.5%), that screening was not so intense in the last period. However, prostate cancer is still the most frequent in term of incidence in men.

**Incidence of prostate cancer is continuously increasing at the national level. In the Canton of Valais incidence rates were statistically significantly lower during the first (1989-1992) and the last period (1993-1996) compared to the Swiss estimates.**

## ***Lung cancer***

In men, incidence of lung cancer in the Canton of Valais increased slightly over three periods of observation, this trend being reversed among Swiss or European men. **Since tobacco is responsible of more than 80% of lung cancer cases, these figures show that the tobacco epidemic, in the Canton of Valais, have not yet reach their peak, in contrary to other Cantons in Switzerland.** Figures from Swiss National Health Survey show that this peak was reached in 1997 in men. However a long latency exists between the time of exposure with smoking and the development of cancer.

It is therefore possible that the number of lung cancer cases will continue to increase in men in the Canton of Valais for some years and then decrease later. Furthermore, mortality is already decreasing in men since more than 20 years.

**In women however, we observed an increase of lung cancer incidence in the Canton of Valais as in Switzerland, which is primarily due to the tobacco epidemic in women which occur over the last decade.**

In term of mortality, figures are also worrying for women in the Canton of Valais and for Switzerland as well, since these rates continue to increase since twenty years. On the other hand, these rates are decreasing in men since 20 years.

**It is important to pursue to fight against tobacco,** using recognised efficient prevention methods such as increase of the price of cigarettes, restriction of the access and banishing advertisements. Furthermore, in the light of recent studies showing the effect of passive smoking on lung cancer it is now also important to obtain smoking-free public environments.

**Statistically more lung cancer cases were reported in men from the Canton of Valais compared to the national mean over the last period in term of incidence (1997-2000) and mortality (1997-2001) as well.**

### ***Colon and rectum cancer***

**In men, we observed a slight increase of the number of new cases of the cancer of colon and rectum over the three periods.** This increase in men is similar to the one observed in Switzerland. It is possible that, clinician are more proactive to investigate this disease and are more prone to do screening tests like the search for blood in the stools or colonoscopies.

However, in women figures are more stable. Cancer of colon and rectum is the second most important cancer in term of frequencies with 10% in women.

**On the other hand, mortality due these cancers has continually decreased since twenty years, probably due to progress in treatment available to clinicians and patients.**

**It is now recognized that physical activity, as well as a diet rich in fruits and vegetables and low in animal fat consumption has a protective effect on the development on these cancers.** However, it is too early to observe the effects of prevention campaign that are implemented in Switzerland in this domain.

Statistically less colon and rectum cancer cases were reported in men in the Canton of Valais compared to the national mean over the last period in term of incidence (1997-2000).

### ***Stomach cancer***

**In men, we observed an important decrease of the number of new cases of stomach cancer over the three periods.** This decrease in men is parallel to the one observed in Switzerland and Europe.

**We have seen the same decreasing pattern in women. This trend is partially due to improved food storage and refrigeration conditions.**

Similarly, mortality related to this cancer has also decreased continually since twenty years.

**Diet related factors are the main risk factors of stomach cancers.** Fruits and vegetables consumption and anti-oxydants might have a protective effect on the development on this cancer, while salt and salty aliments might have an irritating effect on the gastric wall and a carcinogenic effect on the long run. Furthermore, several studies have shown a link between infectious agents such as Helicobacter Pylori and stomach cancer. Elevated nitrites and nitrates concentrations in food and water seem also to play a role.

**Statistically more stomach cancer cases were reported in both gender in term of incidence and mortality in the Canton of Valais compared to the national mean except for the last period for the incidence in women (1997-2000).**

### ***Skin melanoma***

**The incidence of skin melanoma increased dramatically between the years 1989-1992 to 1997-2000, in men.** Similar observations are reported at the National level.

**In women, incidence of skin melanoma has also increased consequently.** Skin melanoma is the sixth tumour in term of frequency in this gender.

Mortality rates were stable in men over the 21 years of observation. We have noted an increase in mortality rates in women over the last period (1997-2001).

**Since the number of skin melanoma has doubled over the last years in both genders, it is urgent to take large scale prevention measures in Switzerland.** It is in particular important that the population is informed about the dangerous effect of the sun. Each person should be informed about the sensibility of his skin and the intensity of UV's, and therefore behave in consequence when exposing to the sun. In particular, high index skin protection products should be used when exposed to the sun. Moreover, each person should observe her skin and consult a physician when a suspect beauty spot appears or is changing of aspect.

**Despite the observed increase, statistically less skin melanoma are notified in the Canton of Valais compared to Switzerland.**

### ***Liver cancer***

In Europe the last report "Le Cancer en Valais 1994-1998", **we observed an important increase in the incidence of primary cancer of the liver, which gave to the Canton of Valais a leading role for this cancer in Europe.** However, in the present publication we observed the same increase of the incidence of liver cancer over the years 1989-1992 and 1993-1996. Then rates have decreased between 1997 and 2000, even if they stayed above the National mean.

In women incidence rates are lower compared to men and did not changed over time.

**Mortality rates in men increased between 1981 and 2001. However, they were constant in women.**

**It is possible that these results are partly explained by the fact that the Canton of Valais has many wineries, knowing that alcohol is the main risk factor for liver cancer.** The decrease of the incidence of liver cancer during the last period is probably parallel to the general decrease of alcohol consumption in the Swiss population and in particular in the population of Valais, that was demonstrated through the National Health Survey implemented in 1992 and 1997. This decrease of alcohol consumption will continue given the new prevention campaign and the introduction of the 0.5 per thousand limits for driving.

**The Canton of Valais had statistically significantly more liver cancer compared to the national mean.**

### ***Others cancers related to alcohol consumption***

The same trend as for liver cancer was observed for oral cavity and pharynx as well as for oesophagus cancer in men with an increase followed by a decrease of incidence rates. **Alcohol is also the main risk factor for these cancers as for the liver cancer. Therefore it is possible that we have reached a peak in the Canton of Valais during the years 1993-1996 for these cancers associated to excessive alcohol consumption.**

**In men, the Canton of Valais had statistically significantly more cancers associated with alcohol consumption compared to Switzerland. Beside liver cancer, these were the following: oral cavity and pharynx (incidence 1989-2000, mortality 1981-1996), oesophagus (incidence 1989-2000, mortality 1985-1988 and 1993-2001) and pancreas (incidence 1997-2000, mortality 1985-1988 and 1997-2001).**

### ***Others cancers***

Incidence and mortality rates of ovary cancers, between 1997-2000, and mortality rates of leukaemia, between 1993-1996, were statistically significantly higher in the Canton of Valais compared to the national mean.

**On the other hand some cancer site were statistically significantly less frequent in the Canton of Valais compared to Switzerland.** For incidence these were cervix uteri cancer (1993-2000), testis cancer (1997-2000), **bladder cancer in men (1989-1992 and 1997-2000) and women (1993-2000)**, Non-Hodgkin's lymphoma in men (1989-1992) and in women (1993-2000).

Similarly others cancers were statistically significantly less frequent for mortality: gallbladder cancer in women (1981-1984), cervix uteri cancer (1985-1988), corpus uteri cancer (1981-1984), and Non-Hodgkin's lymphoma in men (1985-1992).

## **Références**

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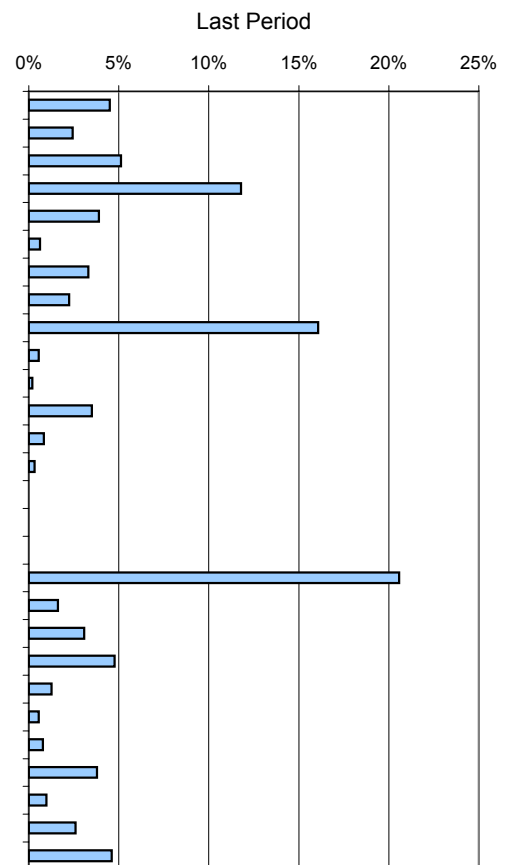
## Number of New Cases

| ICD10         | Male<br>Site                          | New cases by period |         |         |       | Yearly average |         |         |
|---------------|---------------------------------------|---------------------|---------|---------|-------|----------------|---------|---------|
|               |                                       | 1989-92             | 1993-96 | 1997-00 | Total | 1989-92        | 1993-96 | 1997-00 |
| C01-C14       | Oral Cavity & Pharynx                 | 111                 | 146     | 114     | 371   | 28             | 37      | 29      |
| C15           | Oesophagus                            | 49                  | 60      | 62      | 171   | 12             | 15      | 16      |
| C16           | Stomach                               | 120                 | 108     | 130     | 358   | 30             | 27      | 33      |
| C18-21        | Colon, Rectum                         | 226                 | 264     | 299     | 789   | 57             | 66      | 75      |
| C22           | Liver & Intrahepatic Bile Ducts       | 71                  | 107     | 99      | 277   | 18             | 27      | 25      |
| C23-24        | Gallbladder & Extrahepatic Bile Tract | 10                  | 15      | 16      | 41    | 3              | 4       | 4       |
| C25           | Pancreas                              | 59                  | 46      | 84      | 189   | 15             | 12      | 21      |
| C32           | Larynx                                | 42                  | 46      | 57      | 145   | 11             | 12      | 14      |
| C33-34        | Lung, Trachea                         | 321                 | 358     | 408     | 1'087 | 80             | 90      | 102     |
| C38.4, C45.0  | Pleura                                | 11                  | 6       | 14      | 31    | 3              | 2       | 4       |
| C40-41        | Bones, Joints, Cartilage              | 3                   | 7       | 5       | 15    | 1              | 2       | 1       |
| C43           | Skin Melanoma                         | 29                  | 57      | 89      | 175   | 7              | 14      | 22      |
| C47,C49       | Soft Tissues                          | 11                  | 21      | 21      | 53    | 3              | 5       | 5       |
| C50           | Breast                                | 6                   | 9       | 8       | 23    | 2              | 2       | 2       |
| C53           | Cervix Uteri                          | -                   | -       | -       | -     | -              | -       | -       |
| C54-55        | Corpus Uteri                          | -                   | -       | -       | -     | -              | -       | -       |
| C56           | Ovary                                 | -                   | -       | -       | -     | -              | -       | -       |
| C61           | Prostate                              | 363                 | 542     | 522     | 1'427 | 91             | 136     | 131     |
| C62           | Testis                                | 43                  | 50      | 41      | 134   | 11             | 13      | 10      |
| C64-66,C68    | Kidney & Urinary Organs               | 68                  | 69      | 78      | 215   | 17             | 17      | 20      |
| C67           | Bladder                               | 96                  | 112     | 121     | 329   | 24             | 28      | 30      |
| C70-72        | Brain & Central Nerves                | 26                  | 43      | 32      | 101   | 7              | 11      | 8       |
| C73           | Thyroid                               | 10                  | 12      | 14      | 36    | 3              | 3       | 4       |
| C81           | Hodgkin's Disease                     | 10                  | 26      | 20      | 56    | 3              | 7       | 5       |
| C82-88        | Non Hodgkin Lymphoma                  | 59                  | 67      | 96      | 222   | 15             | 17      | 24      |
| C90           | Multiple Myeloma                      | 31                  | 28      | 25      | 84    | 8              | 7       | 6       |
| C91-95        | Leukaemia                             | 57                  | 72      | 66      | 195   | 14             | 18      | 17      |
| ...           | Others except non melanotic Skin      | 157                 | 119     | 117     | 393   | 39             | 30      | 29      |
| C00-43,C45-97 | All except non melanotic Skin         | 1'989               | 2'390   | 2'538   | 6'917 | 497            | 598     | 635     |

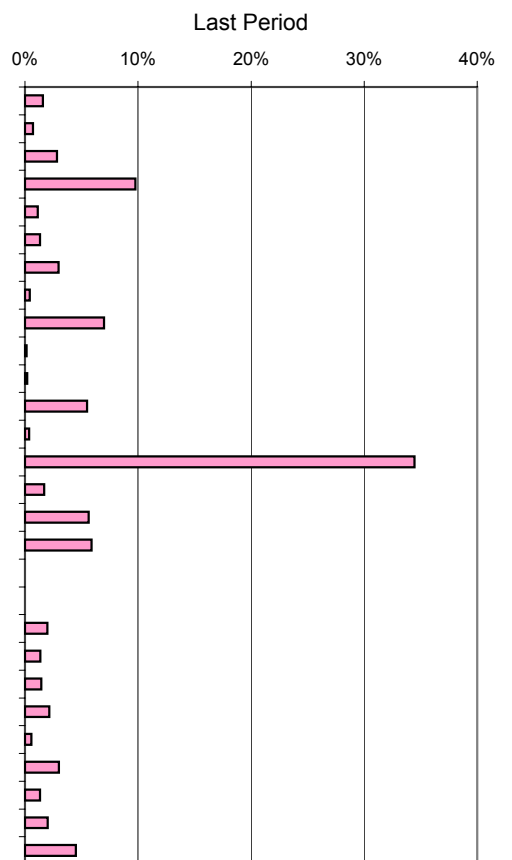
| ICD10         | Female<br>Site                        | New cases by period |         |         |         | Yearly average |       |         |         |         |
|---------------|---------------------------------------|---------------------|---------|---------|---------|----------------|-------|---------|---------|---------|
|               |                                       | 1981-84             | 1985-88 | 1989-92 | 1993-96 | 1997-00        | Total | 1981-84 | 1985-88 | 1989-92 |
| C01-C14       | Oral Cavity & Pharynx                 | 21                  | 28      | 34      | 83      | 5              | 7     | 9       |         |         |
| C15           | Oesophagus                            | 9                   | 15      | 15      | 39      | 2              | 4     | 4       |         |         |
| C16           | Stomach                               | 75                  | 79      | 60      | 214     | 19             | 20    | 15      |         |         |
| C18-21        | Colon, Rectum                         | 174                 | 196     | 208     | 578     | 44             | 49    | 52      |         |         |
| C22           | Liver & Intrahepatic Bile Ducts       | 19                  | 19      | 24      | 62      | 5              | 5     | 6       |         |         |
| C23-24        | Gallbladder & Extrahepatic Bile Tract | 29                  | 17      | 28      | 74      | 7              | 4     | 7       |         |         |
| C25           | Pancreas                              | 58                  | 54      | 63      | 175     | 15             | 14    | 16      |         |         |
| C32           | Larynx                                | 8                   | 8       | 9       | 25      | 2              | 2     | 2       |         |         |
| C33-34        | Lung, Trachea                         | 71                  | 103     | 149     | 323     | 18             | 26    | 37      |         |         |
| C38.4, C45.0  | Pleura                                | 2                   | 1       | 3       | 6       | 1              | 0     | 1       |         |         |
| C40-41        | Bones, Joints, Cartilage              | 1                   | 4       | 4       | 9       | 0              | 1     | 1       |         |         |
| C43           | Skin Melanoma                         | 59                  | 69      | 117     | 245     | 15             | 17    | 29      |         |         |
| C47,C49       | Soft Tissues                          | 21                  | 16      | 8       | 45      | 5              | 4     | 2       |         |         |
| C50           | Breast                                | 494                 | 628     | 733     | 1'855   | 124            | 157   | 183     |         |         |
| C53           | Cervix Uteri                          | 44                  | 35      | 36      | 115     | 11             | 9     | 9       |         |         |
| C54-55        | Corpus Uteri                          | 82                  | 104     | 120     | 306     | 21             | 26    | 30      |         |         |
| C56           | Ovary                                 | 81                  | 91      | 125     | 297     | 20             | 23    | 31      |         |         |
| C61           | Prostate                              | -                   | -       | -       | -       | -              | -     | -       |         |         |
| C62           | Testis                                | -                   | -       | -       | -       | -              | -     | -       |         |         |
| C64-66,C68    | Kidney & Urinary Organs               | 48                  | 57      | 42      | 147     | 12             | 14    | 11      |         |         |
| C67           | Bladder                               | 25                  | 29      | 29      | 83      | 6              | 7     | 7       |         |         |
| C70-72        | Brain & Central Nerves                | 19                  | 24      | 31      | 74      | 5              | 6     | 8       |         |         |
| C73           | Thyroid                               | 21                  | 40      | 46      | 107     | 5              | 10    | 12      |         |         |
| C81           | Hodgkin's Disease                     | 15                  | 16      | 12      | 43      | 4              | 4     | 3       |         |         |
| C82-88        | Non Hodgkin Lymphoma                  | 45                  | 52      | 64      | 161     | 11             | 13    | 16      |         |         |
| C90           | Multiple Myeloma                      | 22                  | 33      | 28      | 83      | 6              | 8     | 7       |         |         |
| C91-95        | Leukaemia                             | 34                  | 52      | 43      | 129     | 9              | 13    | 11      |         |         |
| ...           | Others except non melanotic Skin      | 123                 | 113     | 96      | 332     | 31             | 28    | 24      |         |         |
| C00-43,C45-97 | All except non melanotic Skin         | 1'600               | 1'883   | 2'127   | 5'610   | 400            | 471   | 532     |         |         |

Percentage Distribution by Site

| <b>Male</b>   |                                       | 1989-92 | 1993-96 | 1997-00 |
|---------------|---------------------------------------|---------|---------|---------|
| ICD10         | Site                                  |         |         |         |
| C01-C14       | Oral Cavity & Pharynx                 | 5.6%    | 6.1%    | 4.5%    |
| C15           | Oesophagus                            | 2.5%    | 2.5%    | 2.4%    |
| C16           | Stomach                               | 6.0%    | 4.5%    | 5.1%    |
| C18-21        | Colon, Rectum                         | 11.4%   | 11.0%   | 11.8%   |
| C22           | Liver & Intrahepatic Bile Ducts       | 3.6%    | 4.5%    | 3.9%    |
| C23-24        | Gallbladder & Extrahepatic Bile Tract | 0.5%    | 0.6%    | 0.6%    |
| C25           | Pancreas                              | 3.0%    | 1.9%    | 3.3%    |
| C32           | Larynx                                | 2.1%    | 1.9%    | 2.2%    |
| C33-34        | Lung, Trachea                         | 16.1%   | 15.0%   | 16.1%   |
| C38.4, C45.0  | Pleura                                | 0.6%    | 0.3%    | 0.6%    |
| C40-41        | Bones, Joints, Cartilage              | 0.2%    | 0.3%    | 0.2%    |
| C43           | Skin Melanoma                         | 1.5%    | 2.4%    | 3.5%    |
| C47,C49       | Soft Tissues                          | 0.6%    | 0.9%    | 0.8%    |
| C50           | Breast                                | 0.3%    | 0.4%    | 0.3%    |
| C53           | Cervix Uteri                          | -       | -       | -       |
| C54-55        | Corpus Uteri                          | -       | -       | -       |
| C56           | Ovary                                 | -       | -       | -       |
| C61           | Prostate                              | 18.3%   | 22.7%   | 20.6%   |
| C62           | Testis                                | 2.2%    | 2.1%    | 1.6%    |
| C64-66,C68    | Kidney & Urinary Organs               | 3.4%    | 2.9%    | 3.1%    |
| C67           | Bladder                               | 4.8%    | 4.7%    | 4.8%    |
| C70-72        | Brain & Central Nerves                | 1.3%    | 1.8%    | 1.3%    |
| C73           | Thyroid                               | 0.5%    | 0.5%    | 0.6%    |
| C81           | Hodgkin's Disease                     | 0.5%    | 1.1%    | 0.8%    |
| C82-88        | Non Hodgkin Lymphoma                  | 3.0%    | 2.8%    | 3.8%    |
| C90           | Multiple Myeloma                      | 1.6%    | 1.2%    | 1.0%    |
| C91-95        | Leukaemia                             | 2.9%    | 3.0%    | 2.6%    |
| ...           | Others except non melanotic Skin      | 7.9%    | 5.0%    | 4.6%    |
| C00-43,C45-97 | All except non melanotic Skin         | 100%    | 100%    | 100%    |



| <b>Female</b> |                                       | 1989-92 | 1993-96 | 1997-00 |
|---------------|---------------------------------------|---------|---------|---------|
| ICD10         | Site                                  |         |         |         |
| C01-C14       | Oral Cavity & Pharynx                 | 1.3%    | 1.5%    | 1.6%    |
| C15           | Oesophagus                            | 0.6%    | 0.8%    | 0.7%    |
| C16           | Stomach                               | 4.7%    | 4.2%    | 2.8%    |
| C18-21        | Colon, Rectum                         | 10.9%   | 10.4%   | 9.8%    |
| C22           | Liver & Intrahepatic Bile Ducts       | 1.2%    | 1.0%    | 1.1%    |
| C23-24        | Gallbladder & Extrahepatic Bile Tract | 1.8%    | 0.9%    | 1.3%    |
| C25           | Pancreas                              | 3.6%    | 2.9%    | 3.0%    |
| C32           | Larynx                                | 0.5%    | 0.4%    | 0.4%    |
| C33-34        | Lung, Trachea                         | 4.4%    | 5.5%    | 7.0%    |
| C38.4, C45.0  | Pleura                                | 0.1%    | 0.1%    | 0.1%    |
| C40-41        | Bones, Joints, Cartilage              | 0.1%    | 0.2%    | 0.2%    |
| C43           | Skin Melanoma                         | 3.7%    | 3.7%    | 5.5%    |
| C47,C49       | Soft Tissues                          | 1.3%    | 0.8%    | 0.4%    |
| C50           | Breast                                | 30.9%   | 33.4%   | 34.5%   |
| C53           | Cervix Uteri                          | 2.8%    | 1.9%    | 1.7%    |
| C54-55        | Corpus Uteri                          | 5.1%    | 5.5%    | 5.6%    |
| C56           | Ovary                                 | 5.1%    | 4.8%    | 5.9%    |
| C61           | Prostate                              | -       | -       | -       |
| C62           | Testis                                | -       | -       | -       |
| C64-66,C68    | Kidney & Urinary Organs               | 3.0%    | 3.0%    | 2.0%    |
| C67           | Bladder                               | 1.6%    | 1.5%    | 1.4%    |
| C70-72        | Brain & Central Nerves                | 1.2%    | 1.3%    | 1.5%    |
| C73           | Thyroid                               | 1.3%    | 2.1%    | 2.2%    |
| C81           | Hodgkin's Disease                     | 0.9%    | 0.8%    | 0.6%    |
| C82-88        | Non Hodgkin Lymphoma                  | 2.8%    | 2.8%    | 3.0%    |
| C90           | Multiple Myeloma                      | 1.4%    | 1.8%    | 1.3%    |
| C91-95        | Leukaemia                             | 2.1%    | 2.8%    | 2.0%    |
| ...           | Others except non melanotic Skin      | 7.7%    | 6.0%    | 4.5%    |
| C00-43,C45-97 | All except non melanotic Skin         | 100%    | 100%    | 100%    |



## Age Standardised Rates, European Population, per 100'000

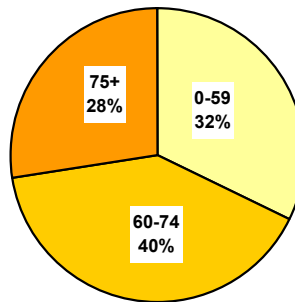
| ICD10         | Male Site                             | Valais  |         |         | Swiss estimate |         |         |
|---------------|---------------------------------------|---------|---------|---------|----------------|---------|---------|
|               |                                       | 1989-92 | 1993-96 | 1997-00 | 1989-92        | 1993-96 | 1997-00 |
| C01-C14       | Oral Cavity & Pharynx                 | 25.0    | 29.8    | 22.0    | 18.4           | 17.8    | 17.2    |
| C15           | Oesophagus                            | 10.8    | 12.3    | 11.4    | 7.8            | 7.9     | 8.4     |
| C16           | Stomach                               | 26.1    | 21.6    | 22.9    | 18.2           | 16.2    | 14.7    |
| C18-21        | Colon, Rectum                         | 49.9    | 51.9    | 54.1    | 51.4           | 53.7    | 52.9    |
| C22           | Liver & Intrahepatic Bile Ducts       | 15.3    | 21.2    | 18.1    | 9.7            | 9.7     | 10.6    |
| C23-24        | Gallbladder & Extrahepatic Bile Tract | 2.0     | 3.1     | 2.9     | 3.1            | 3.2     | 2.7     |
| C25           | Pancreas                              | 12.8    | 8.8     | 15.2    | 12.3           | 11.0    | 11.1    |
| C32           | Larynx                                | 9.6     | 9.3     | 11.0    | 6.9            | 6.7     | 6.8     |
| C33-34        | Lung, Trachea                         | 70.0    | 71.3    | 74.6    | 74.0           | 67.8    | 64.7    |
| C38.4, C45.0  | Pleura                                | 2.5     | 1.2     | 2.5     | 2.2            | 2.5     | 2.6     |
| C40-41        | Bones, Joints, Cartilage              | 0.5     | 1.3     | 0.9     | 1.3            | 0.8     | 0.9     |
| C43           | Skin Melanoma                         | 6.4     | 11.4    | 15.9    | 14.8           | 17.1    | 19.4    |
| C47,C49       | Soft Tissues                          | 2.4     | 4.2     | 4.0     | 2.5            | 2.8     | 2.7     |
| C50           | Breast                                | 1.3     | 1.9     | 1.4     | 0.8            | 0.7     | 0.9     |
| C53           | Cervix Uteri                          | -       | -       | -       | -              | -       | -       |
| C54-55        | Corpus Uteri                          | -       | -       | -       | -              | -       | -       |
| C56           | Ovary                                 | -       | -       | -       | -              | -       | -       |
| C61           | Prostate                              | 76.7    | 105.2   | 92.8    | 91.6           | 104.1   | 120.6   |
| C62           | Testis                                | 7.7     | 8.4     | 6.9     | 9.4            | 9.8     | 9.7     |
| C64-66,C68    | Kidney & Urinary Organs               | 15.2    | 13.8    | 14.2    | 15.5           | 14.9    | 14.1    |
| C67           | Bladder                               | 20.9    | 22.3    | 21.5    | 25.7           | 26.7    | 27.4    |
| C70-72        | Brain & Central Nerves                | 5.3     | 8.4     | 6.0     | 7.5            | 7.8     | 7.5     |
| C73           | Thyroid                               | 2.0     | 2.5     | 2.5     | 2.5            | 2.6     | 2.5     |
| C81           | Hodgkin's Disease                     | 2.0     | 4.5     | 3.5     | 3.1            | 2.9     | 2.7     |
| C82-88        | Non Hodgkin Lymphoma                  | 12.5    | 13.4    | 17.0    | 17.0           | 18.0    | 17.6    |
| C90           | Multiple Myeloma                      | 6.7     | 5.7     | 4.4     | 5.3            | 6.3     | 5.6     |
| C91-95        | Leukaemia                             | 12.3    | 14.1    | 12.0    | 12.7           | 11.5    | 11.3    |
| ...           | Others except non melanotic Skin      | 33.7    | 23.8    | 21.0    | 25.4           | 23.4    | 20.0    |
| C00-43,C45-97 | All except non melanotic Skin         | 429.9   | 471.4   | 458.7   | 439.0          | 445.9   | 454.7   |

| ICD10         | Female Site                           | Valais  |         |         | Swiss estimate |         |         |
|---------------|---------------------------------------|---------|---------|---------|----------------|---------|---------|
|               |                                       | 1989-92 | 1993-96 | 1997-00 | 1989-92        | 1993-96 | 1997-00 |
| C01-C14       | Oral Cavity & Pharynx                 | 4.1     | 4.5     | 5.9     | 4.8            | 5.5     | 6.0     |
| C15           | Oesophagus                            | 1.4     | 2.5     | 2.0     | 1.9            | 2.2     | 2.0     |
| C16           | Stomach                               | 12.9    | 10.5    | 7.6     | 8.1            | 7.5     | 7.0     |
| C18-21        | Colon, Rectum                         | 30.3    | 29.8    | 28.8    | 34.0           | 33.9    | 34.8    |
| C22           | Liver & Intrahepatic Bile Ducts       | 3.3     | 2.7     | 3.4     | 2.0            | 2.4     | 2.4     |
| C23-24        | Gallbladder & Extrahepatic Bile Tract | 4.6     | 2.3     | 3.3     | 4.2            | 3.4     | 3.1     |
| C25           | Pancreas                              | 9.0     | 7.8     | 8.7     | 8.6            | 7.6     | 7.3     |
| C32           | Larynx                                | 1.5     | 1.3     | 1.6     | 0.7            | 0.7     | 1.0     |
| C33-34        | Lung, Trachea                         | 14.0    | 18.0    | 23.4    | 16.1           | 18.5    | 20.5    |
| C38.4, C45.0  | Pleura                                | 0.4     | 0.2     | 0.5     | 0.3            | 0.4     | 0.6     |
| C40-41        | Bones, Joints, Cartilage              | 0.2     | 0.8     | 0.8     | 1.0            | 0.8     | 0.7     |
| C43           | Skin Melanoma                         | 10.6    | 11.6    | 19.3    | 14.1           | 15.9    | 18.5    |
| C47,C49       | Soft Tissues                          | 3.9     | 2.6     | 0.9     | 2.3            | 2.2     | 1.7     |
| C50           | Breast                                | 94.9    | 114.7   | 119.0   | 100.1          | 106.2   | 113.9   |
| C53           | Cervix Uteri                          | 8.8     | 6.1     | 6.0     | 9.0            | 8.8     | 8.2     |
| C54-55        | Corpus Uteri                          | 15.5    | 18.2    | 18.3    | 18.8           | 18.5    | 17.5    |
| C56           | Ovary                                 | 15.2    | 15.9    | 19.6    | 16.6           | 16.0    | 15.8    |
| C61           | Prostate                              | -       | -       | -       | -              | -       | -       |
| C62           | Testis                                | -       | -       | -       | -              | -       | -       |
| C64-66,C68    | Kidney & Urinary Organs               | 8.5     | 9.4     | 6.2     | 7.0            | 7.1     | 6.3     |
| C67           | Bladder                               | 4.2     | 4.3     | 4.0     | 6.1            | 6.6     | 6.7     |
| C70-72        | Brain & Central Nerves                | 3.7     | 4.2     | 4.7     | 5.1            | 4.9     | 5.3     |
| C73           | Thyroid                               | 3.8     | 6.8     | 7.3     | 5.2            | 6.5     | 6.6     |
| C81           | Hodgkin's Disease                     | 2.7     | 3.0     | 1.8     | 2.1            | 2.3     | 2.3     |
| C82-88        | Non Hodgkin Lymphoma                  | 8.1     | 8.8     | 9.1     | 10.8           | 12.3    | 12.7    |
| C90           | Multiple Myeloma                      | 3.5     | 4.9     | 3.8     | 3.6            | 3.9     | 3.7     |
| C91-95        | Leukaemia                             | 5.8     | 8.3     | 6.7     | 6.9            | 6.8     | 6.2     |
| ...           | Others except non melanotic Skin      | 20.1    | 16.4    | 12.0    | 16.8           | 15.2    | 14.3    |
| C00-43,C45-97 | All except non melanotic Skin         | 290.9   | 315.6   | 324.8   | 306.2          | 316.0   | 325.3   |

### 1.1. All except non melanotic Skin

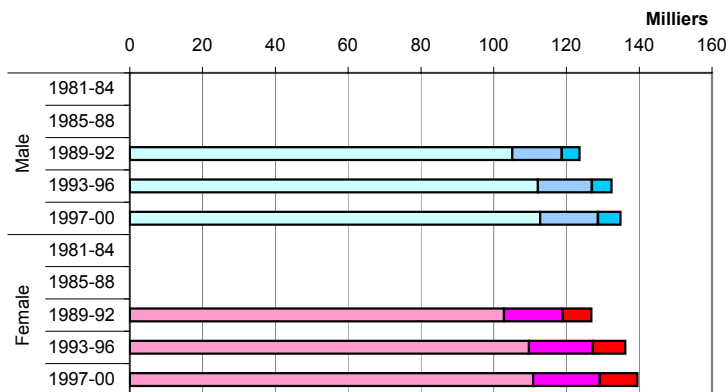
#### Number of New Cases

| Sex     | Period  | New cases by age group |       |       | Total  | Yearly average |
|---------|---------|------------------------|-------|-------|--------|----------------|
|         |         | 0-59                   | 60-74 | 75+   |        |                |
| Male    | 1981-84 |                        |       |       |        |                |
|         | 1985-88 |                        |       |       |        |                |
|         | 1989-92 | 574                    | 879   | 536   | 1'989  | 497            |
|         | 1993-96 | 663                    | 1'119 | 608   | 2'390  | 598            |
| 1997-00 | 691     | 1'113                  | 734   | 2'538 | 635    |                |
| Female  | 1981-84 |                        |       |       |        |                |
|         | 1985-88 |                        |       |       |        |                |
|         | 1989-92 | 600                    | 556   | 444   | 1'600  | 400            |
|         | 1993-96 | 753                    | 611   | 519   | 1'883  | 471            |
| 1997-00 | 763     | 745                    | 619   | 2'127 | 532    |                |
| Total   | Total   | 4'044                  | 5'023 | 3'460 | 12'527 |                |



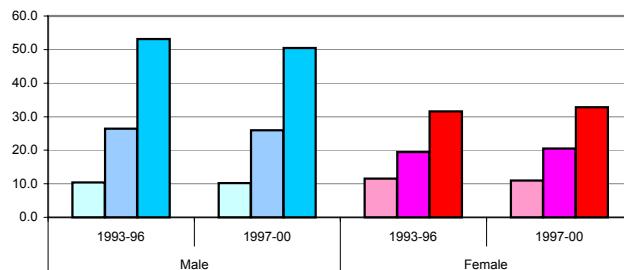
#### Population

| Sex     | Period  | Average population |        |         | Total   |
|---------|---------|--------------------|--------|---------|---------|
|         |         | 0-59               | 60-74  | 75+     |         |
| Male    | 1981-84 |                    |        |         |         |
|         | 1985-88 |                    |        |         |         |
|         | 1989-92 | 105'154            | 13'626 | 4'871   | 123'650 |
|         | 1993-96 | 112'122            | 14'871 | 5'452   | 132'445 |
| 1997-00 | 112'746 | 15'973             | 6'189  | 134'907 |         |
| Female  | 1981-84 |                    |        |         |         |
|         | 1985-88 |                    |        |         |         |
|         | 1989-92 | 102'790            | 16'133 | 8'032   | 126'954 |
|         | 1993-96 | 109'689            | 17'562 | 9'035   | 136'286 |
| 1997-00 | 110'862 | 18'317             | 10'401 | 139'579 |         |



#### Cumulated Rates (in %) by Age - Two Last Periods

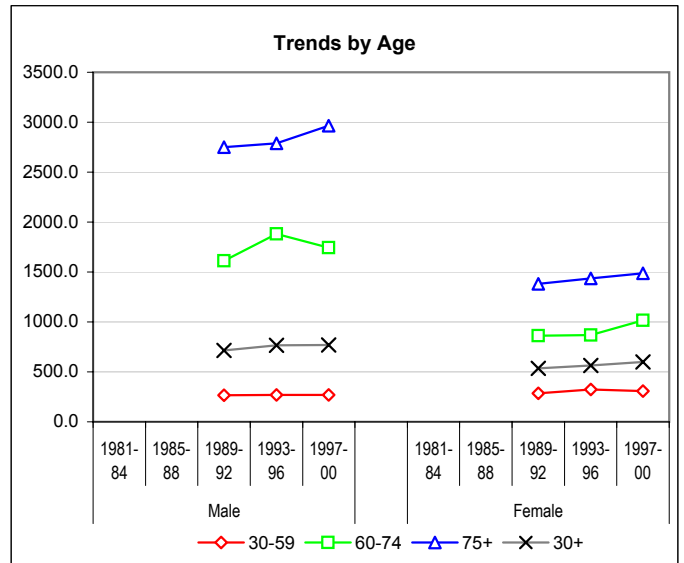
| Sex    | Period  | Age   |       |       |
|--------|---------|-------|-------|-------|
|        |         | 0-59  | 0-69  | 0-79  |
| Male   | 1993-96 | 10.36 | 26.39 | 53.15 |
|        | 1997-00 | 10.23 | 25.94 | 50.49 |
| Female | 1993-96 | 11.56 | 19.47 | 31.53 |
|        | 1997-00 | 10.94 | 20.55 | 32.80 |



Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)

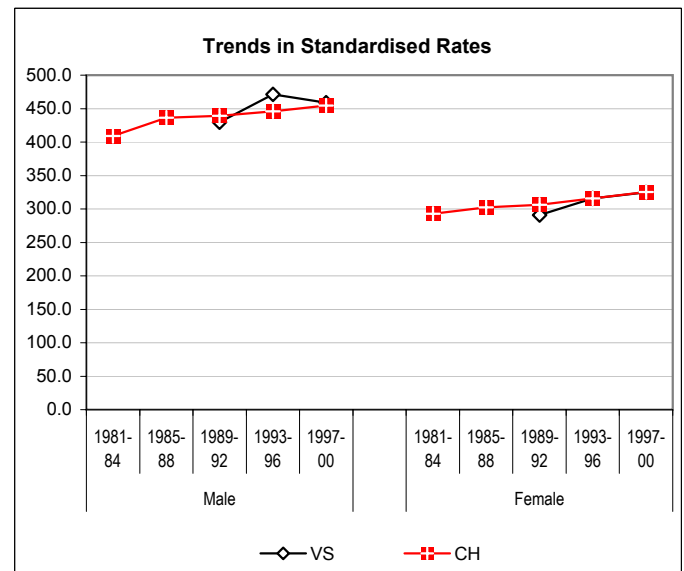
| Sex    | Period       | 30-59     | 60-74      | 75+     | 30+       |
|--------|--------------|-----------|------------|---------|-----------|
| Male   | 1981-84      |           |            |         |           |
|        | 1985-88      |           |            |         |           |
|        | 1989-92      | 264.70    | 1612.79    | 2750.98 | 713.63    |
|        | 1993-96      | 268.17    | 1881.21 ** | 2788.22 | 765.31 ** |
|        | 1997-00      | 270.59    | 1742.06    | 2964.94 | 767.66    |
| Female | 1981-84      |           |            |         |           |
|        | 1985-88      |           |            |         |           |
|        | 1989-92      | 284.43    | 861.60     | 1382.02 | 534.13    |
|        | 1993-96      | 322.28 ** | 869.79     | 1436.16 | 565.07    |
|        | 1997-00      | 308.78    | 1016.84 ** | 1487.84 | 598.78    |
| Male   | Annual Trend | 1.003     | 1.013      | 1.010   | 1.011     |
| Female | Annual Trend | 1.013     | 1.023      | 1.011   | 1.016     |



European Standardized Rates by Period

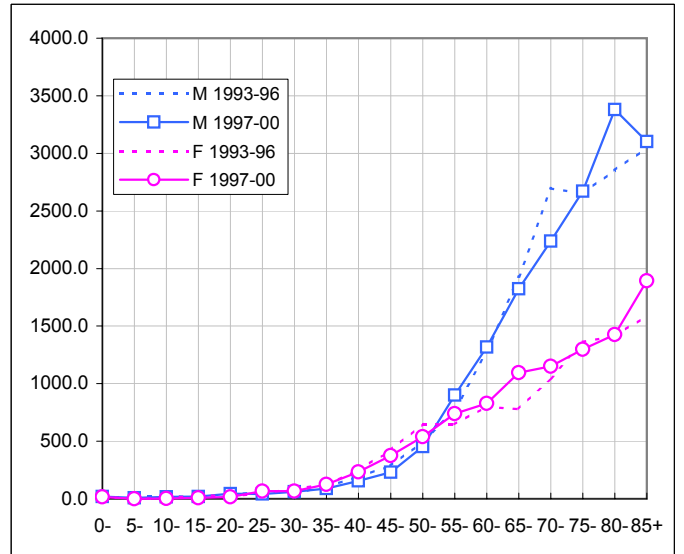
| Sex    | Period       | VS       | CH     |
|--------|--------------|----------|--------|
| Male   | 1981-84      |          | 409.33 |
|        | 1985-88      |          | 436.52 |
|        | 1989-92      | 429.86   | 439.05 |
|        | 1993-96      | 471.40   | 445.95 |
|        | 1997-00      | 458.72   | 454.72 |
| Female | 1981-84      |          | 292.60 |
|        | 1985-88      |          | 302.23 |
|        | 1989-92      | 290.94 * | 306.24 |
|        | 1993-96      | 315.58   | 315.99 |
|        | 1997-00      | 324.79   | 325.30 |
| Male   | Annual Trend | 1.010    | 1.006  |
| Female | Annual Trend | 1.016    | 1.007  |

Stars (\*) : statistically significant differences between VS and CH



Age Specific Rates - Last Periods Compared

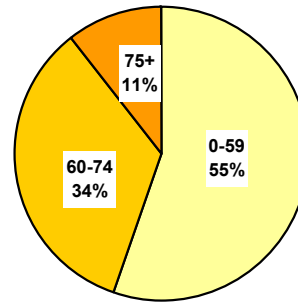
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 10.9    | 20.8    | 14.4    | 15.5    |
| 5-         | 20.0    | 8.2     | 5.9     | 0.0     |
| 10-        | 29.4    | 17.5    | 3.1     | 3.0     |
| 15-        | 8.8     | 20.2    | 35.7    | 9.2     |
| 20-        | 39.2    | 44.1    | 22.4    | 16.6    |
| 25-        | 59.1    | 41.5    | 47.3    | 67.9    |
| 30-        | 52.2    | 62.4    | 91.6    | 65.5    |
| 35-        | 105.7   | 90.2    | 122.5   | 123.8   |
| 40-        | 193.5   | 156.1   | 251.9   | 232.7   |
| 45-        | 285.1   | 231.5   | 419.2   | 374.5   |
| 50-        | 494.1   | 453.4   | 650.0   | 540.2   |
| 55-        | 773.8   | 900.0   | 647.7   | 738.3   |
| 60-        | 1278.9  | 1317.9  | 804.3   | 829.0   |
| 65-        | 1927.9  | 1824.8  | 777.7   | 1094.1  |
| 70-        | 2695.5  | 2238.7  | 1048.7  | 1152.0  |
| 75-        | 2654.8  | 2671.1  | 1363.8  | 1297.5  |
| 80-        | 2851.2  | 3380.7  | 1415.1  | 1426.1  |
| 85+        | 3046.1  | 3101.8  | 1589.1  | 1892.4  |
| Crude Rate | 451.1   | 470.3   | 345.4   | 381.0   |



## 1.2. Oral Cavity & Pharynx

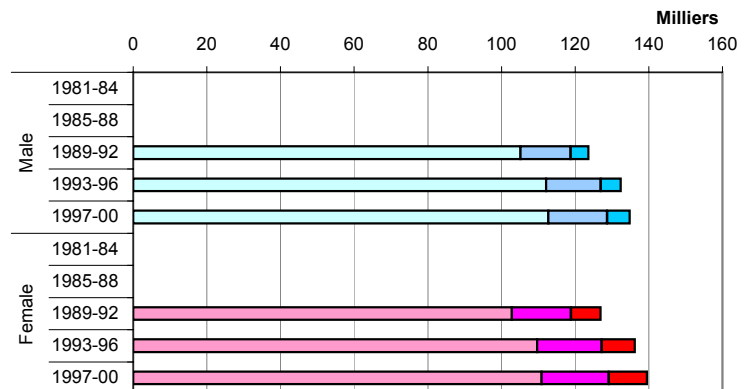
### Number of New Cases

| Sex    | Period  | New cases by age group |       |     | Total | Yearly average |
|--------|---------|------------------------|-------|-----|-------|----------------|
|        |         | 0-59                   | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 67                     | 36    | 8   | 111   | 28             |
|        | 1993-96 | 78                     | 51    | 17  | 146   | 37             |
|        | 1997-00 | 74                     | 33    | 7   | 114   | 29             |
| Female | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 6                      | 12    | 3   | 21    | 5              |
|        | 1993-96 | 7                      | 13    | 8   | 28    | 7              |
|        | 1997-00 | 19                     | 10    | 5   | 34    | 9              |
| Total  | Total   | 251                    | 155   | 48  | 454   |                |



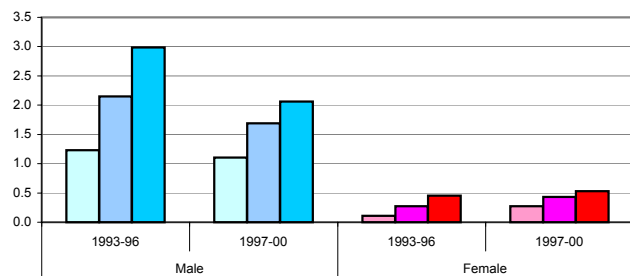
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

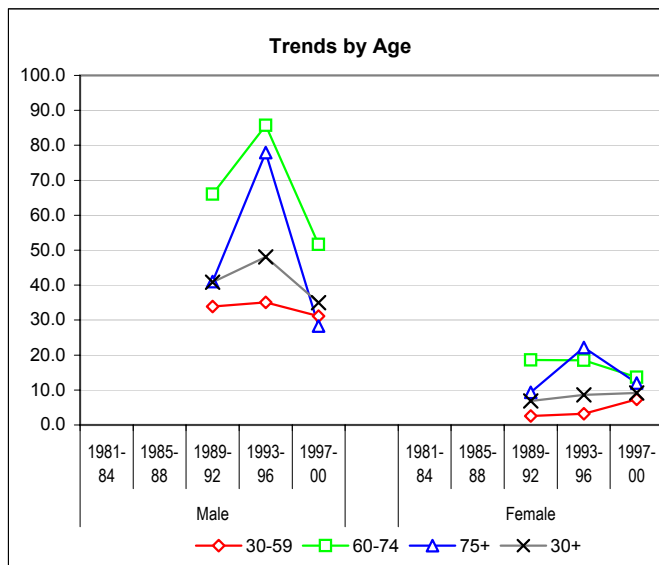
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 1.23 | 2.15 | 2.99 |
|        | 1997-00 | 1.11 | 1.69 | 2.06 |
| Female | 1993-96 | 0.11 | 0.27 | 0.45 |
|        | 1997-00 | 0.28 | 0.43 | 0.53 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

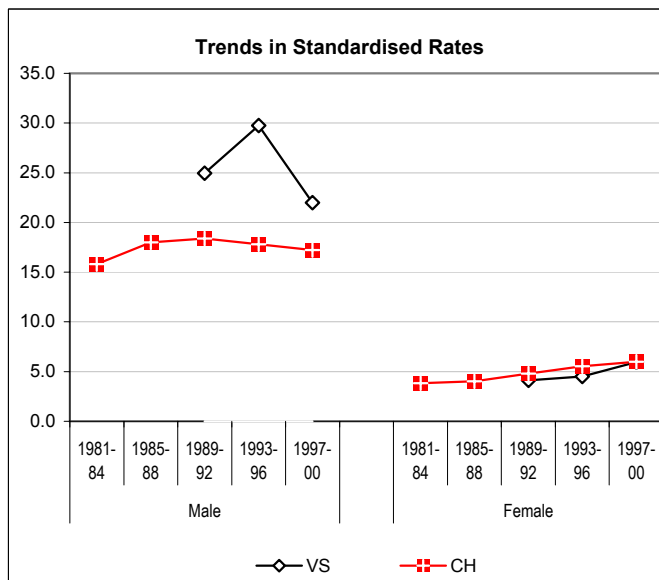
| Sex    | Period       | 30-59 | 60-74   | 75+     | 30+      |
|--------|--------------|-------|---------|---------|----------|
| Male   | 1981-84      |       |         |         |          |
|        | 1985-88      |       |         |         |          |
|        | 1989-92      | 33.91 | 66.05   | 41.06   | 40.87    |
|        | 1993-96      | 35.10 | 85.74   | 77.96   | 48.10    |
|        | 1997-00      | 31.11 | 51.65 * | 28.28 * | 34.95 ** |
| Female | 1981-84      |       |         |         |          |
|        | 1985-88      |       |         |         |          |
|        | 1989-92      | 2.58  | 18.60   | 9.34    | 6.89     |
|        | 1993-96      | 3.21  | 18.51   | 22.14   | 8.64     |
|        | 1997-00      | 7.29  | 13.65   | 12.02   | 9.20     |
| Male   | Annual Trend | 0.989 | 0.971   | 0.959   | 0.981    |
| Female | Annual Trend | 1.154 | 0.959   | 1.047   | 1.043    |



**European Standardized Rates by Period**

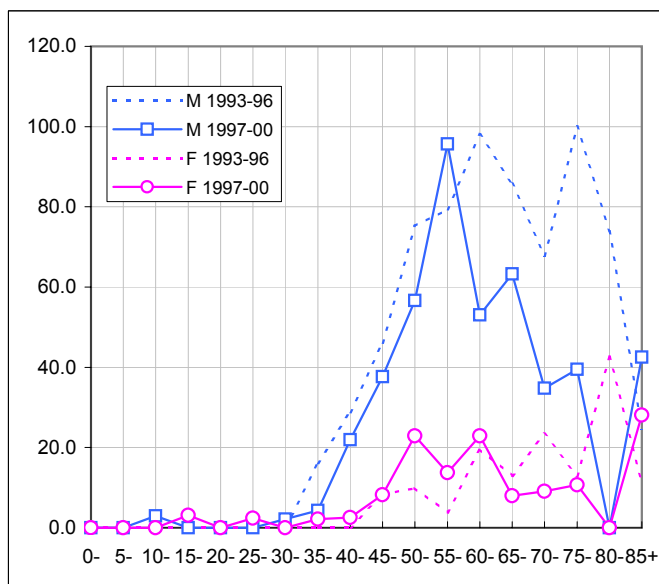
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 15.80 |
|        | 1985-88      |         | 17.99 |
|        | 1989-92      | 24.97 * | 18.38 |
|        | 1993-96      | 29.76 * | 17.79 |
|        | 1997-00      | 21.98 * | 17.22 |
| Female | 1981-84      |         | 3.82  |
|        | 1985-88      |         | 4.01  |
|        | 1989-92      | 4.11    | 4.78  |
|        | 1993-96      | 4.50    | 5.53  |
|        | 1997-00      | 5.95    | 6.00  |
| Male   | Annual Trend | 0.985   | 1.005 |
| Female | Annual Trend | 1.053   | 1.033 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

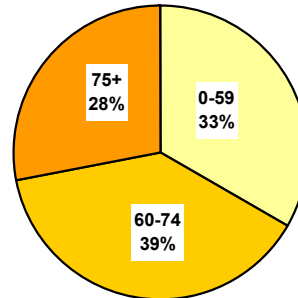
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 2.9     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 3.1     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 2.4     |
| 30-        | 0.0     | 2.2     | 0.0     | 0.0     |
| 35-        | 16.1    | 4.3     | 0.0     | 2.2     |
| 40-        | 28.8    | 22.0    | 0.0     | 2.6     |
| 45-        | 46.2    | 37.7    | 8.4     | 8.2     |
| 50-        | 75.3    | 56.7    | 9.9     | 22.9    |
| 55-        | 79.4    | 95.7    | 3.9     | 13.7    |
| 60-        | 98.1    | 53.0    | 19.5    | 22.9    |
| 65-        | 85.8    | 63.2    | 12.9    | 8.0     |
| 70-        | 67.9    | 34.8    | 23.4    | 9.1     |
| 75-        | 100.0   | 39.5    | 12.9    | 10.7    |
| 80-        | 73.9    | 0.0     | 42.6    | 0.0     |
| 85+        | 24.8    | 42.5    | 11.2    | 28.1    |
| Crude Rate | 27.6    | 21.1    | 5.1     | 6.1     |



### 1.3. Oesophagus

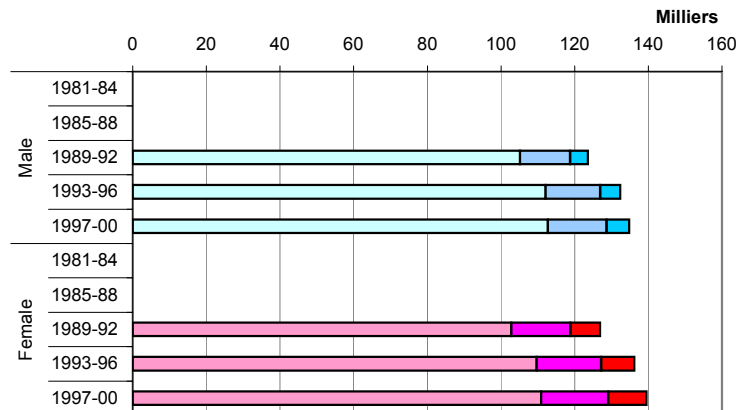
#### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Total      | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |            |                |
| Male         | 1981-84      |                        |           |           |            |                |
|              | 1985-88      |                        |           |           |            |                |
|              | 1989-92      | 18                     | 21        | 10        | 49         | 12             |
|              | 1993-96      | 24                     | 23        | 13        | 60         | 15             |
|              | 1997-00      | 22                     | 22        | 18        | 62         | 16             |
| Female       | 1981-84      |                        |           |           |            |                |
|              | 1985-88      |                        |           |           |            |                |
|              | 1989-92      | 1                      | 3         | 5         | 9          | 2              |
|              | 1993-96      | 3                      | 6         | 6         | 15         | 4              |
|              | 1997-00      | 2                      | 6         | 7         | 15         | 4              |
| <b>Total</b> | <b>Total</b> | <b>70</b>              | <b>81</b> | <b>59</b> | <b>210</b> |                |



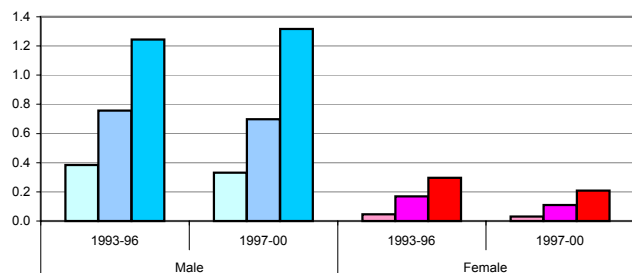
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

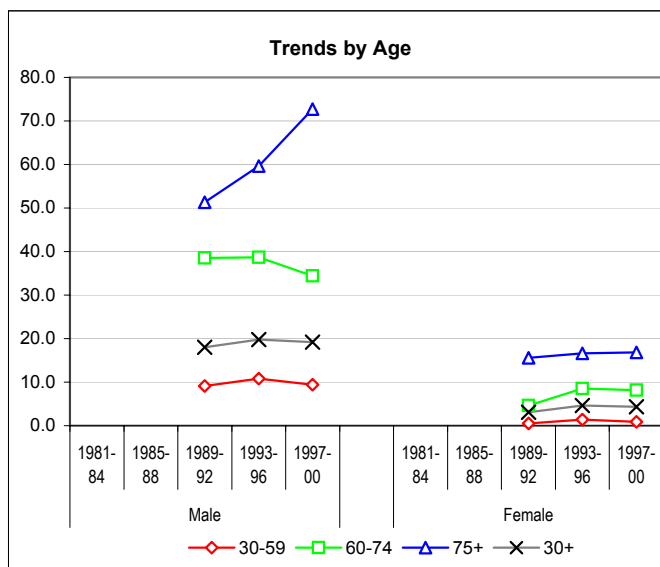
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.38 | 0.76 | 1.24 |
|        | 1997-00 | 0.33 | 0.70 | 1.32 |
| Female | 1993-96 | 0.05 | 0.17 | 0.30 |
|        | 1997-00 | 0.03 | 0.11 | 0.21 |



## Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

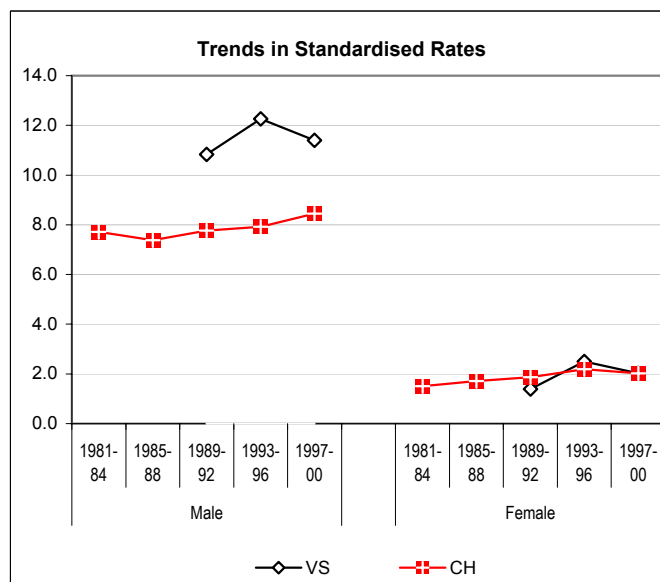
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 9.11  | 38.53 | 51.33 | 18.04 |
|        | 1993-96      | 10.80 | 38.67 | 59.62 | 19.77 |
|        | 1997-00      | 9.38  | 34.44 | 72.71 | 19.18 |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 0.52  | 4.65  | 15.56 | 3.10  |
|        | 1993-96      | 1.38  | 8.54  | 16.60 | 4.63  |
|        | 1997-00      | 0.86  | 8.19  | 16.83 | 4.31  |
| Male   | Annual Trend | 1.006 | 0.985 | 1.050 | 1.010 |
| Female | Annual Trend | 1.085 | 1.088 | 1.011 | 1.051 |



## European Standardized Rates by Period

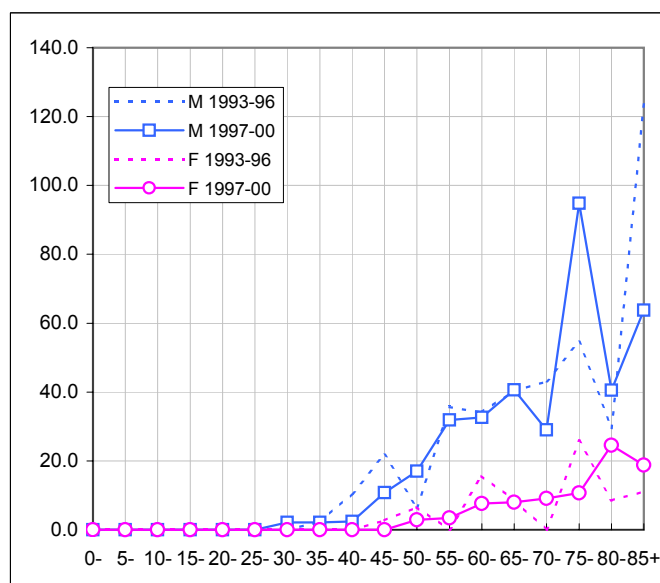
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 7.72  |
|        | 1985-88      |         | 7.39  |
|        | 1989-92      | 10.83 * | 7.77  |
|        | 1993-96      | 12.26 * | 7.92  |
|        | 1997-00      | 11.40 * | 8.44  |
| Female | 1981-84      |         | 1.51  |
|        | 1985-88      |         | 1.72  |
|        | 1989-92      | 1.38    | 1.86  |
|        | 1993-96      | 2.50    | 2.19  |
|        | 1997-00      | 2.03    | 2.02  |
| Male   | Annual Trend | 1.009   | 1.006 |
| Female | Annual Trend | 1.061   | 1.023 |

Stars (\*) : statistically significant differences between VS and CH



## Age Specific Rates - Last Periods Compared

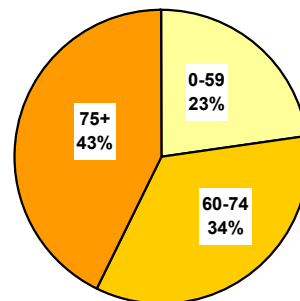
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 2.2     | 0.0     | 0.0     |
| 35-        | 2.3     | 2.1     | 0.0     | 0.0     |
| 40-        | 10.5    | 2.4     | 0.0     | 0.0     |
| 45-        | 21.7    | 10.8    | 2.8     | 0.0     |
| 50-        | 6.5     | 17.0    | 6.6     | 2.9     |
| 55-        | 35.7    | 31.9    | 0.0     | 3.4     |
| 60-        | 34.1    | 32.6    | 15.6    | 7.6     |
| 65-        | 40.4    | 40.7    | 8.6     | 8.0     |
| 70-        | 43.2    | 29.0    | 0.0     | 9.1     |
| 75-        | 54.6    | 94.8    | 25.9    | 10.7    |
| 80-        | 29.5    | 40.6    | 8.5     | 24.6    |
| 85+        | 123.8   | 63.7    | 11.2    | 18.7    |
| Crude Rate | 11.3    | 11.5    | 2.8     | 2.7     |



### 1.4. Stomach

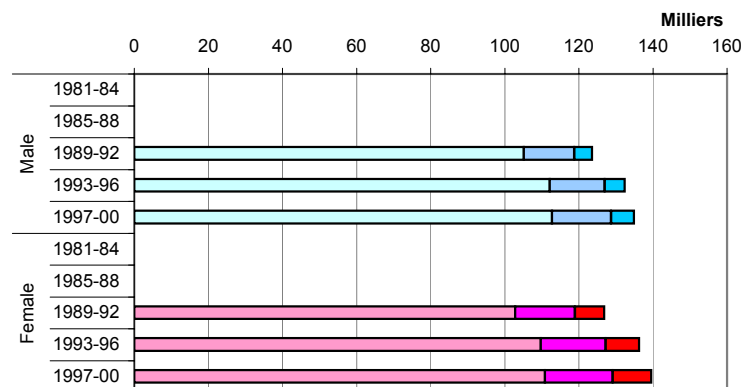
#### Number of New Cases

| Sex          | Period       | New cases by age group |            |            | Total      | Yearly average |
|--------------|--------------|------------------------|------------|------------|------------|----------------|
|              |              | 0-59                   | 60-74      | 75+        |            |                |
| Male         | 1981-84      |                        |            |            |            |                |
|              | 1985-88      |                        |            |            |            |                |
|              | 1989-92      | 34                     | 50         | 36         | 120        | 30             |
|              | 1993-96      | 27                     | 43         | 38         | 108        | 27             |
|              | 1997-00      | 23                     | 49         | 58         | 130        | 33             |
| Female       | 1981-84      |                        |            |            |            |                |
|              | 1985-88      |                        |            |            |            |                |
|              | 1989-92      | 21                     | 24         | 30         | 75         | 19             |
|              | 1993-96      | 12                     | 19         | 48         | 79         | 20             |
|              | 1997-00      | 13                     | 12         | 35         | 60         | 15             |
| <b>Total</b> | <b>Total</b> | <b>130</b>             | <b>197</b> | <b>245</b> | <b>572</b> |                |



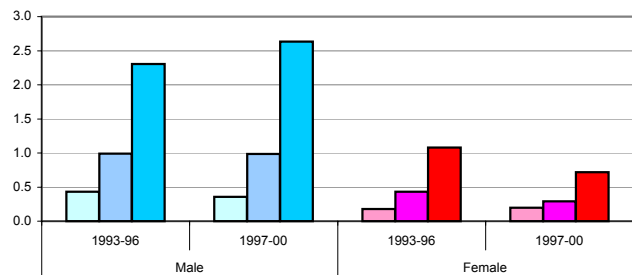
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

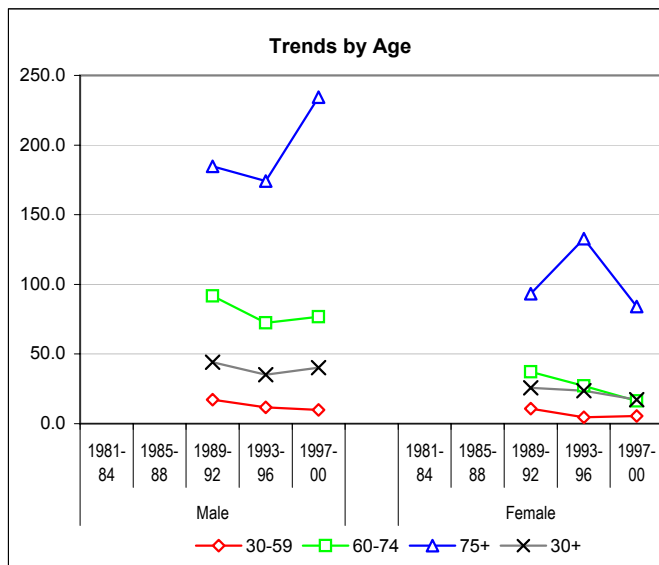
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.43 | 0.99 | 2.30 |
|        | 1997-00 | 0.36 | 0.99 | 2.63 |
| Female | 1993-96 | 0.18 | 0.43 | 1.08 |
|        | 1997-00 | 0.20 | 0.29 | 0.72 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

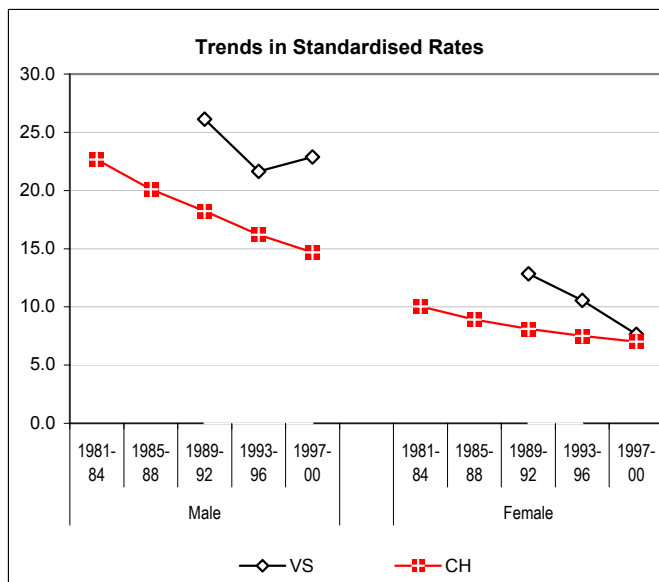
| Sex    | Period       | 30-59  | 60-74 | 75+     | 30+     |
|--------|--------------|--------|-------|---------|---------|
| Male   | 1981-84      |        |       |         |         |
|        | 1985-88      |        |       |         |         |
|        | 1989-92      | 17.21  | 91.74 | 184.77  | 44.19   |
|        | 1993-96      | 11.70  | 72.29 | 174.26  | 35.25   |
|        | 1997-00      | 9.80   | 76.70 | 234.29  | 40.21   |
| Female | 1981-84      |        |       |         |         |
|        | 1985-88      |        |       |         |         |
|        | 1989-92      | 10.84  | 37.19 | 93.38   | 25.83   |
|        | 1993-96      | 4.59 * | 27.05 | 132.83  | 23.75   |
|        | 1997-00      | 5.58   | 16.38 | 84.13 * | 17.24 * |
| Male   | Annual Trend | 0.922  | 0.973 | 1.032   | 0.984   |
| Female | Annual Trend | 0.904  | 0.891 | 0.991   | 0.946   |



**European Standardized Rates by Period**

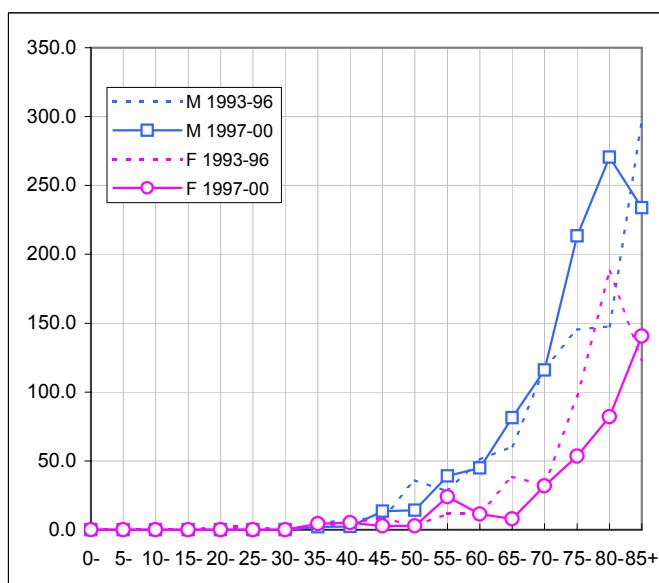
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 22.67 |
|        | 1985-88      |         | 20.10 |
|        | 1989-92      | 26.11 * | 18.23 |
|        | 1993-96      | 21.64 * | 16.19 |
|        | 1997-00      | 22.88 * | 14.70 |
| Female | 1981-84      |         | 10.04 |
|        | 1985-88      |         | 8.92  |
|        | 1989-92      | 12.85 * | 8.12  |
|        | 1993-96      | 10.55 * | 7.50  |
|        | 1997-00      | 7.63    | 7.01  |
| Male   | Annual Trend | 0.980   | 0.972 |
| Female | Annual Trend | 0.930   | 0.977 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

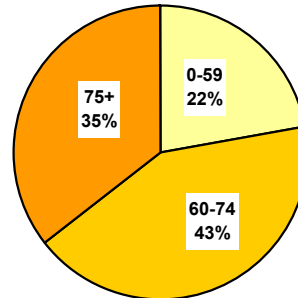
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 2.5     | 0.0     |
| 25-        | 2.2     | 0.0     | 2.1     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 4.6     | 2.1     | 2.5     | 4.3     |
| 40-        | 7.8     | 2.4     | 5.4     | 5.1     |
| 45-        | 8.1     | 13.5    | 8.4     | 2.7     |
| 50-        | 36.0    | 14.2    | 3.3     | 2.9     |
| 55-        | 27.8    | 39.0    | 11.6    | 24.0    |
| 60-        | 51.2    | 44.9    | 11.7    | 11.5    |
| 65-        | 60.6    | 81.3    | 38.7    | 8.0     |
| 70-        | 117.2   | 116.0   | 32.8    | 31.7    |
| 75-        | 145.5   | 213.4   | 97.0    | 53.4    |
| 80-        | 147.7   | 270.5   | 187.5   | 82.0    |
| 85+        | 297.2   | 233.7   | 123.1   | 140.5   |
| Crude Rate | 20.4    | 24.1    | 14.5    | 10.7    |



## 1.5. Colon, Rectum

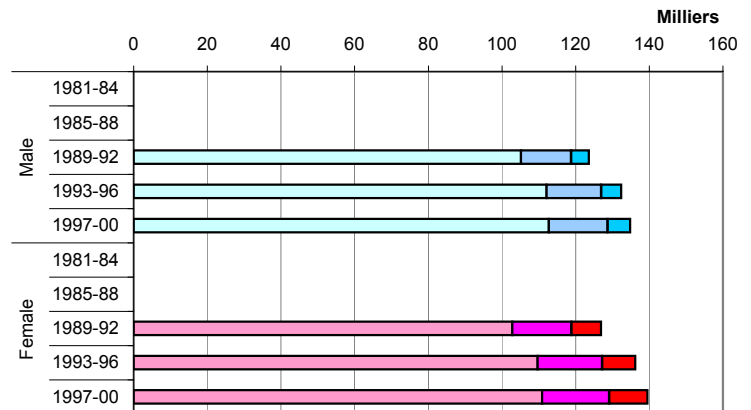
### Number of New Cases

| Sex    | Period  | New cases by age group |       |     | Total | Yearly average |
|--------|---------|------------------------|-------|-----|-------|----------------|
|        |         | 0-59                   | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 61                     | 92    | 73  | 226   | 57             |
|        | 1993-96 | 55                     | 119   | 90  | 264   | 66             |
|        | 1997-00 | 64                     | 139   | 96  | 299   | 75             |
| Female | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 42                     | 77    | 55  | 174   | 44             |
|        | 1993-96 | 45                     | 71    | 80  | 196   | 49             |
|        | 1997-00 | 37                     | 80    | 91  | 208   | 52             |
| Total  | Total   | 304                    | 578   | 485 | 1'367 |                |



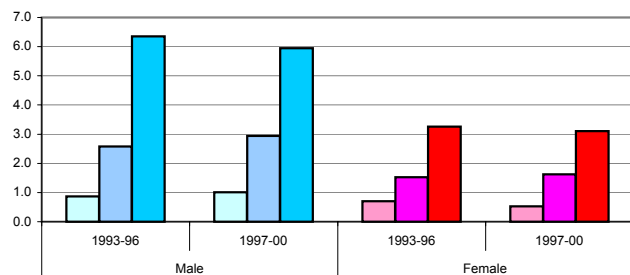
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

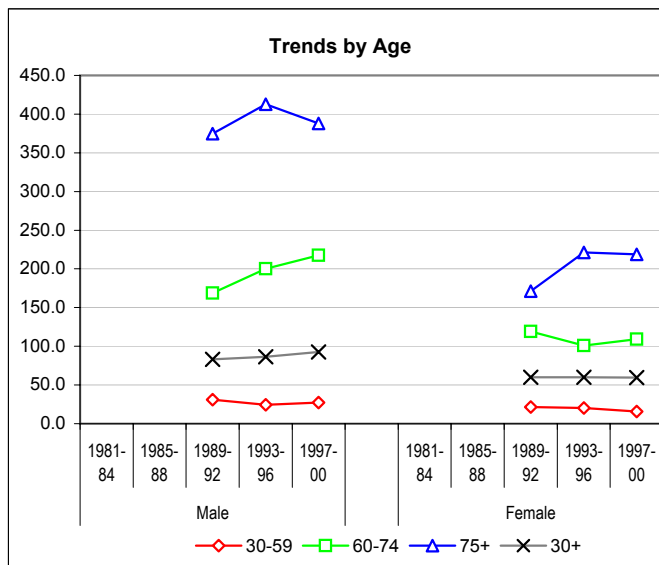
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.87 | 2.58 | 6.35 |
|        | 1997-00 | 1.01 | 2.94 | 5.94 |
| Female | 1993-96 | 0.70 | 1.53 | 3.26 |
|        | 1997-00 | 0.53 | 1.62 | 3.10 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

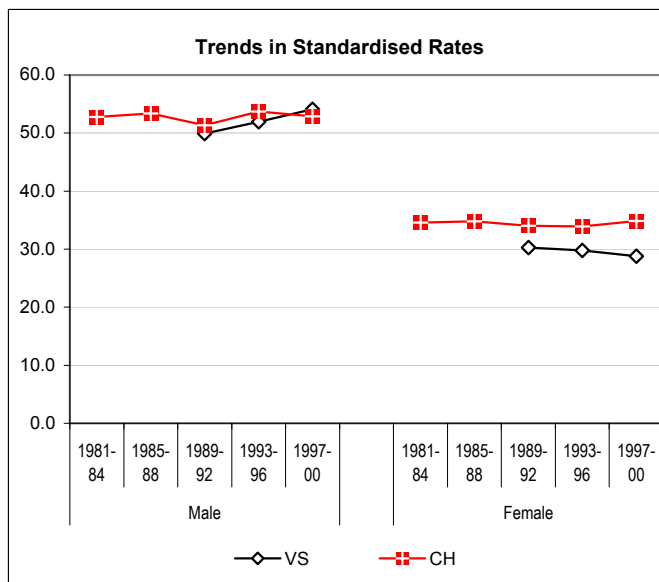
| Sex    | Period       | 30-59 | 60-74  | 75+    | 30+   |
|--------|--------------|-------|--------|--------|-------|
| Male   | 1981-84      |       |        |        |       |
|        | 1985-88      |       |        |        |       |
|        | 1989-92      | 30.87 | 168.80 | 374.67 | 83.22 |
|        | 1993-96      | 24.30 | 200.06 | 412.73 | 86.65 |
|        | 1997-00      | 27.27 | 217.56 | 387.79 | 92.48 |
| Female | 1981-84      |       |        |        |       |
|        | 1985-88      |       |        |        |       |
|        | 1989-92      | 21.68 | 119.32 | 171.20 | 59.92 |
|        | 1993-96      | 20.20 | 101.07 | 221.37 | 60.15 |
|        | 1997-00      | 15.87 | 109.19 | 218.73 | 59.76 |
| Male   | Annual Trend | 0.980 | 1.037  | 1.006  | 1.015 |
| Female | Annual Trend | 0.958 | 0.986  | 1.037  | 1.000 |



**European Standardized Rates by Period**

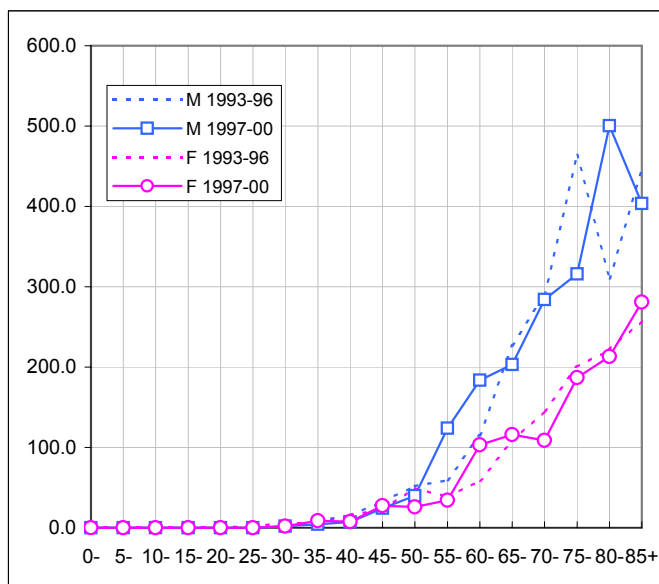
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 52.79 |
|        | 1985-88      |         | 53.36 |
|        | 1989-92      | 49.91   | 51.36 |
|        | 1993-96      | 51.95   | 53.73 |
|        | 1997-00      | 54.08   | 52.91 |
| Female | 1981-84      |         | 34.56 |
|        | 1985-88      |         | 34.78 |
|        | 1989-92      | 30.26   | 34.02 |
|        | 1993-96      | 29.79   | 33.93 |
|        | 1997-00      | 28.80 * | 34.83 |
| Male   | Annual Trend | 1.011   | 1.000 |
| Female | Annual Trend | 0.993   | 1.000 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

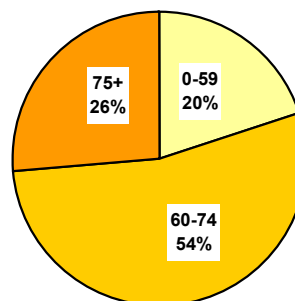
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 2.4     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 2.1     | 0.0     |
| 30-        | 2.1     | 2.2     | 6.2     | 2.1     |
| 35-        | 9.2     | 4.3     | 4.9     | 8.7     |
| 40-        | 15.7    | 7.3     | 16.3    | 7.7     |
| 45-        | 32.6    | 24.2    | 22.4    | 27.3    |
| 50-        | 52.4    | 39.7    | 49.5    | 25.7    |
| 55-        | 59.5    | 124.0   | 38.6    | 34.3    |
| 60-        | 115.1   | 183.6   | 58.6    | 103.2   |
| 65-        | 227.1   | 203.3   | 107.4   | 115.8   |
| 70-        | 289.9   | 284.2   | 145.1   | 108.9   |
| 75-        | 463.7   | 316.1   | 200.4   | 186.9   |
| 80-        | 310.2   | 500.3   | 221.6   | 213.1   |
| 85+        | 445.8   | 403.7   | 257.4   | 281.1   |
| Crude Rate | 49.8    | 55.4    | 36.0    | 37.3    |



### 1.6. Liver & Intrahepatic Bile Ducts

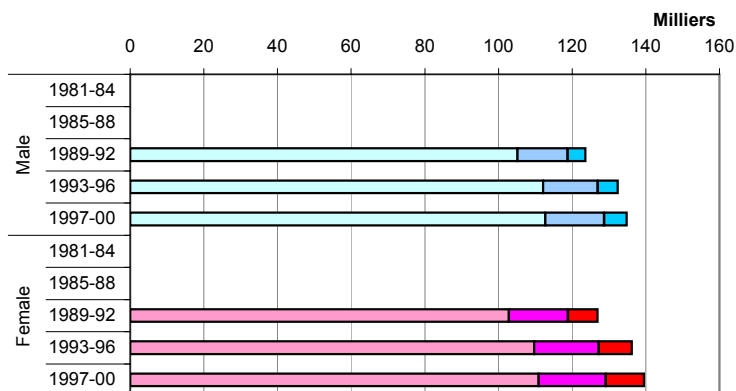
#### Number of New Cases

| Sex          | Period       | New cases by age group |            |           | Total      | Yearly average |
|--------------|--------------|------------------------|------------|-----------|------------|----------------|
|              |              | 0-59                   | 60-74      | 75+       |            |                |
| Male         | 1981-84      |                        |            |           |            |                |
|              | 1985-88      |                        |            |           |            |                |
|              | 1989-92      | 23                     | 31         | 17        | 71         | 18             |
|              | 1993-96      | 14                     | 72         | 21        | 107        | 27             |
|              | 1997-00      | 21                     | 51         | 27        | 99         | 25             |
| Female       | 1981-84      |                        |            |           |            |                |
|              | 1985-88      |                        |            |           |            |                |
|              | 1989-92      | 5                      | 5          | 9         | 19         | 5              |
|              | 1993-96      | 2                      | 8          | 9         | 19         | 5              |
|              | 1997-00      | 3                      | 15         | 6         | 24         | 6              |
| <b>Total</b> | <b>Total</b> | <b>68</b>              | <b>182</b> | <b>89</b> | <b>339</b> |                |



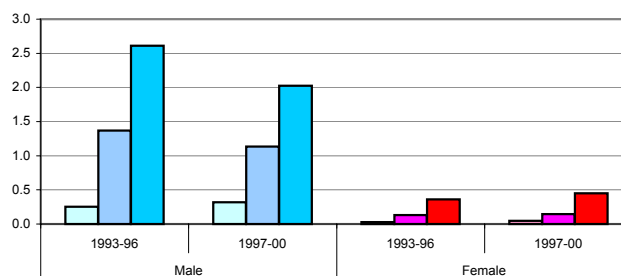
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

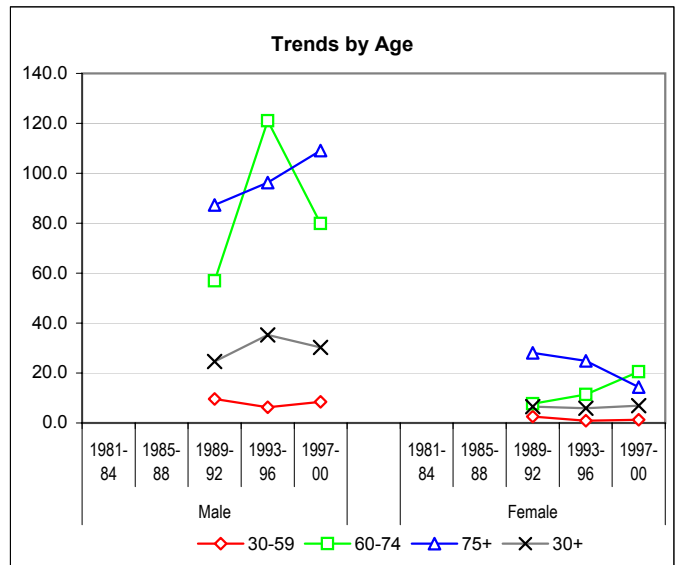
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.25 | 1.37 | 2.61 |
|        | 1997-00 | 0.32 | 1.13 | 2.03 |
| Female | 1993-96 | 0.03 | 0.13 | 0.36 |
|        | 1997-00 | 0.05 | 0.14 | 0.45 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

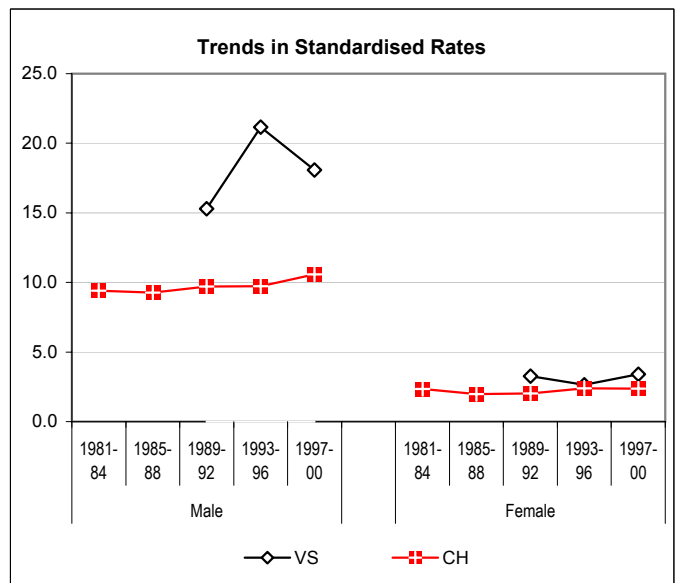
| Sex    | Period       | 30-59 | 60-74     | 75+    | 30+     |
|--------|--------------|-------|-----------|--------|---------|
| Male   | 1981-84      |       |           |        |         |
|        | 1985-88      |       |           |        |         |
|        | 1989-92      | 9.62  | 56.88     | 87.25  | 24.67   |
|        | 1993-96      | 6.30  | 121.04 ** | 96.30  | 35.25 * |
|        | 1997-00      | 8.52  | 79.83 *   | 109.07 | 30.31   |
| Female | 1981-84      |       |           |        |         |
|        | 1985-88      |       |           |        |         |
|        | 1989-92      | 2.58  | 7.75      | 28.01  | 6.54    |
|        | 1993-96      | 0.92  | 11.39     | 24.91  | 5.86    |
|        | 1997-00      | 1.29  | 20.47     | 14.42  | 6.90    |
| Male   | Annual Trend | 0.978 | 1.058     | 1.032  | 1.033   |
| Female | Annual Trend | 0.898 | 1.146     | 0.913  | 1.006   |



**European Standardized Rates by Period**

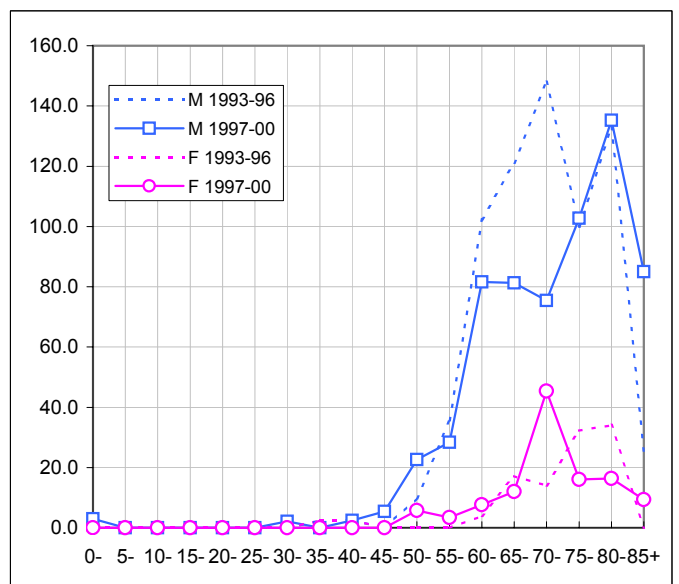
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 9.40  |
|        | 1985-88      |         | 9.27  |
|        | 1989-92      | 15.30 * | 9.70  |
|        | 1993-96      | 21.15 * | 9.72  |
|        | 1997-00      | 18.08 * | 10.57 |
| Female | 1981-84      |         | 2.36  |
|        | 1985-88      |         | 1.99  |
|        | 1989-92      | 3.27    | 2.03  |
|        | 1993-96      | 2.65    | 2.38  |
|        | 1997-00      | 3.41    | 2.38  |
| Male   | Annual Trend | 1.027   | 1.007 |
| Female | Annual Trend | 1.003   | 1.005 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

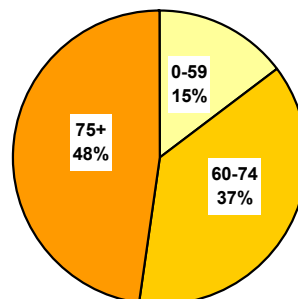
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 3.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 2.2     | 0.0     | 0.0     |
| 35-        | 2.3     | 0.0     | 2.5     | 0.0     |
| 40-        | 2.6     | 2.4     | 2.7     | 0.0     |
| 45-        | 0.0     | 5.4     | 0.0     | 0.0     |
| 50-        | 9.8     | 22.7    | 0.0     | 5.7     |
| 55-        | 35.7    | 28.3    | 0.0     | 3.4     |
| 60-        | 102.3   | 81.6    | 3.9     | 7.6     |
| 65-        | 121.1   | 81.3    | 17.2    | 12.0    |
| 70-        | 148.0   | 75.4    | 14.0    | 45.4    |
| 75-        | 100.0   | 102.7   | 32.3    | 16.0    |
| 80-        | 133.0   | 135.2   | 34.1    | 16.4    |
| 85+        | 24.8    | 85.0    | 0.0     | 9.4     |
| Crude Rate | 20.2    | 18.3    | 3.5     | 4.3     |



## 1.7. Gallbladder & Extrahepatic Bile Tract

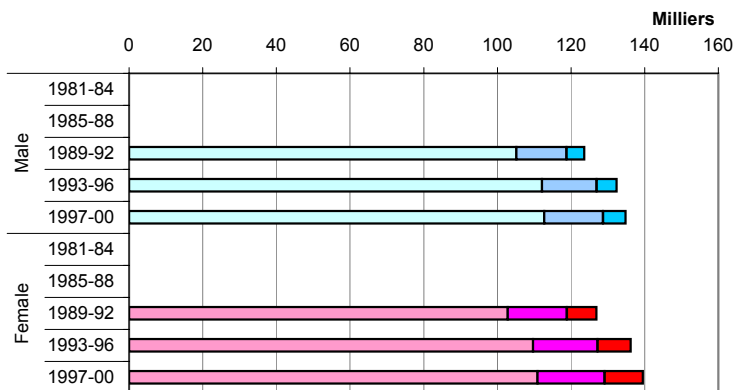
### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Total      | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |            |                |
| Male         | 1981-84      |                        |           |           |            |                |
|              | 1985-88      |                        |           |           |            |                |
|              | 1989-92      | 0                      | 4         | 6         | 10         | 3              |
|              | 1993-96      | 5                      | 6         | 4         | 15         | 4              |
|              | 1997-00      | 3                      | 9         | 4         | 16         | 4              |
| Female       | 1981-84      |                        |           |           |            |                |
|              | 1985-88      |                        |           |           |            |                |
|              | 1989-92      | 3                      | 14        | 12        | 29         | 7              |
|              | 1993-96      | 4                      | 2         | 11        | 17         | 4              |
|              | 1997-00      | 2                      | 8         | 18        | 28         | 7              |
| <b>Total</b> | <b>Total</b> | <b>17</b>              | <b>43</b> | <b>55</b> | <b>115</b> |                |



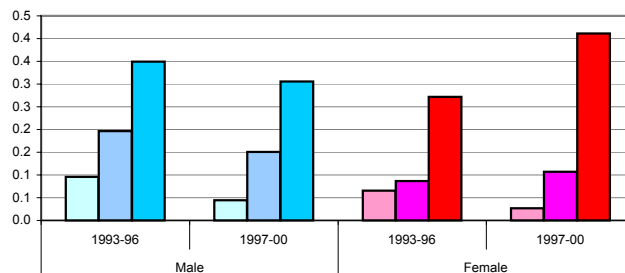
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

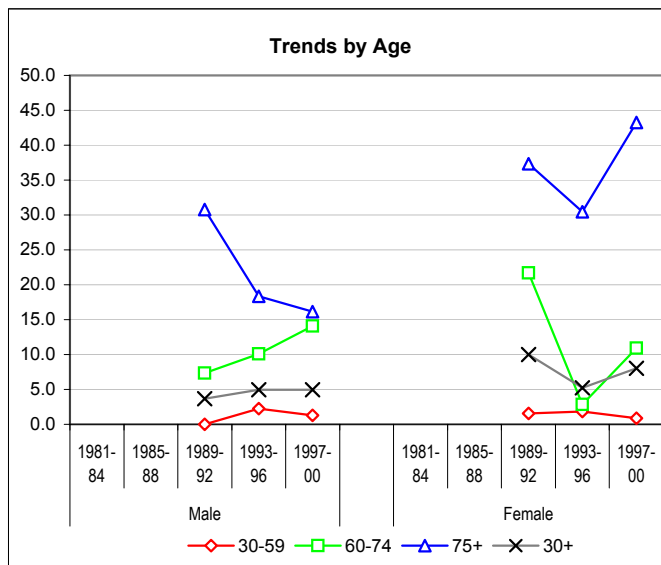
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.10 | 0.20 | 0.35 |
|        | 1997-00 | 0.04 | 0.15 | 0.31 |
| Female | 1993-96 | 0.07 | 0.09 | 0.27 |
|        | 1997-00 | 0.03 | 0.11 | 0.41 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

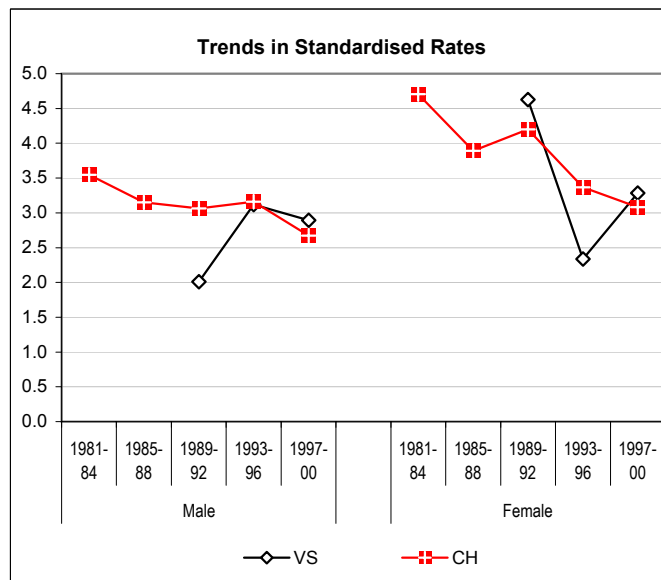
| Sex    | Period       | 30-59  | 60-74   | 75+   | 30+    |
|--------|--------------|--------|---------|-------|--------|
| Male   | 1981-84      |        |         |       |        |
|        | 1985-88      |        |         |       |        |
|        | 1989-92      | 0.00   | 7.34    | 30.80 | 3.68   |
|        | 1993-96      | 2.25 * | 10.09   | 18.34 | 4.94   |
|        | 1997-00      | 1.28   | 14.09   | 16.16 | 4.95   |
| Female | 1981-84      |        |         |       |        |
|        | 1985-88      |        |         |       |        |
|        | 1989-92      | 1.55   | 21.70   | 37.35 | 9.99   |
|        | 1993-96      | 1.84   | 2.85 ** | 30.44 | 5.24 * |
|        | 1997-00      | 0.86   | 10.92   | 43.27 | 8.05   |
| Male   | Annual Trend | 2.919  | 1.097   | 0.910 | 1.045  |
| Female | Annual Trend | 0.925  | 0.887   | 1.017 | 0.963  |



**European Standardized Rates by Period**

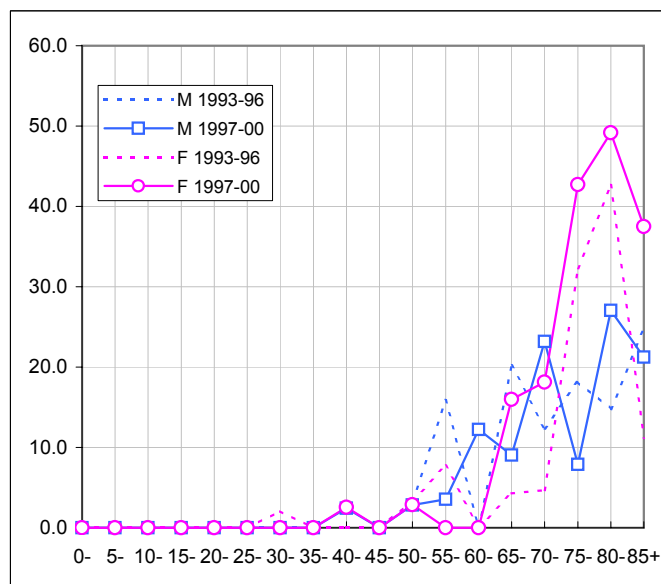
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 3.55  |
|        | 1985-88      |       | 3.15  |
|        | 1989-92      | 2.01  | 3.06  |
|        | 1993-96      | 3.12  | 3.16  |
|        | 1997-00      | 2.89  | 2.67  |
| Female | 1981-84      |       | 4.70  |
|        | 1985-88      |       | 3.89  |
|        | 1989-92      | 4.63  | 4.20  |
|        | 1993-96      | 2.34  | 3.37  |
|        | 1997-00      | 3.28  | 3.08  |
| Male   | Annual Trend | 1.057 | 0.986 |
| Female | Annual Trend | 0.946 | 0.974 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

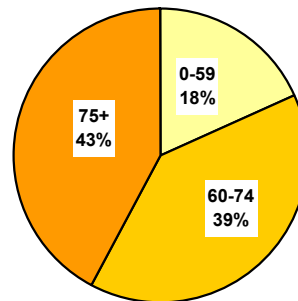
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 2.1     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 2.4     | 0.0     | 2.6     |
| 45-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 50-        | 3.3     | 2.8     | 3.3     | 2.9     |
| 55-        | 15.9    | 3.5     | 7.7     | 0.0     |
| 60-        | 0.0     | 12.2    | 0.0     | 0.0     |
| 65-        | 20.2    | 9.0     | 4.3     | 16.0    |
| 70-        | 12.3    | 23.2    | 4.7     | 18.1    |
| 75-        | 18.2    | 7.9     | 32.3    | 42.7    |
| 80-        | 14.8    | 27.0    | 42.6    | 49.2    |
| 85+        | 24.8    | 21.2    | 11.2    | 37.5    |
| Crude Rate | 2.8     | 3.0     | 3.1     | 5.0     |



## 1.8. Pancreas

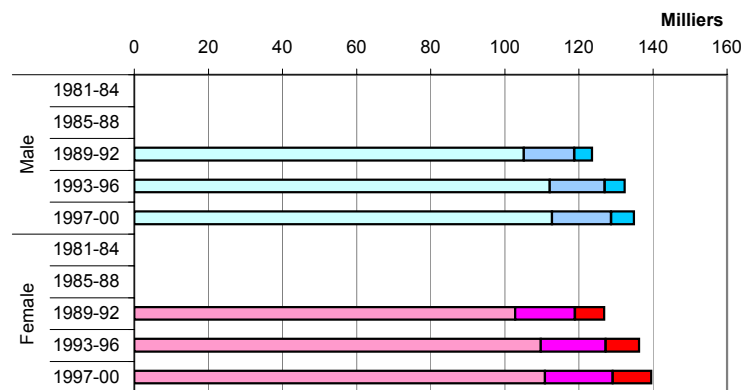
### Number of New Cases

| Sex    | Period  | New cases by age group |       |     | Total | Yearly average |
|--------|---------|------------------------|-------|-----|-------|----------------|
|        |         | 0-59                   | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 9                      | 33    | 17  | 59    | 15             |
|        | 1993-96 | 6                      | 22    | 18  | 46    | 12             |
|        | 1997-00 | 23                     | 36    | 25  | 84    | 21             |
| Female | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 6                      | 16    | 36  | 58    | 15             |
|        | 1993-96 | 7                      | 20    | 27  | 54    | 14             |
|        | 1997-00 | 16                     | 16    | 31  | 63    | 16             |
| Total  | Total   | 67                     | 143   | 154 | 364   |                |



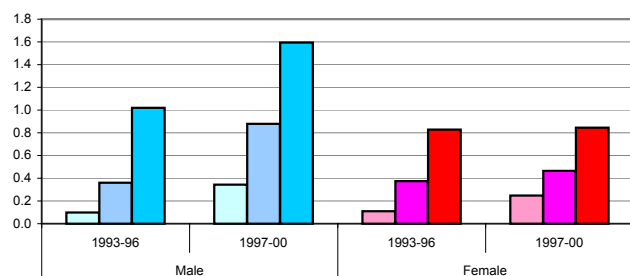
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

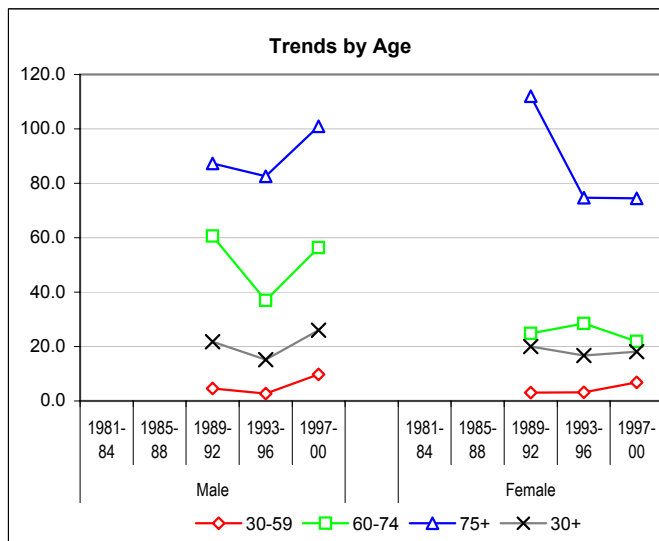
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.10 | 0.36 | 1.02 |
|        | 1997-00 | 0.34 | 0.88 | 1.59 |
| Female | 1993-96 | 0.11 | 0.37 | 0.83 |
|        | 1997-00 | 0.25 | 0.46 | 0.84 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

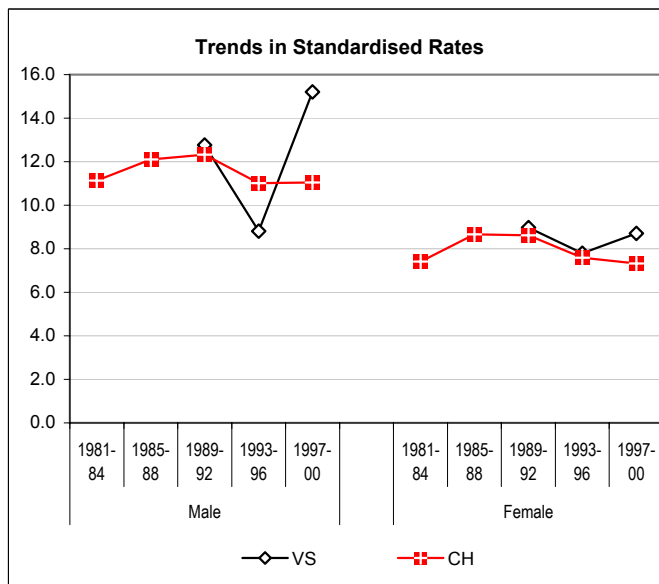
| Sex    | Period       | 30-59   | 60-74 | 75+    | 30+      |
|--------|--------------|---------|-------|--------|----------|
| Male   | 1981-84      |         |       |        |          |
|        | 1985-88      |         |       |        |          |
|        | 1989-92      | 4.56    | 60.55 | 87.25  | 21.73    |
|        | 1993-96      | 2.70    | 36.99 | 82.55  | 15.16    |
|        | 1997-00      | 9.80 ** | 56.35 | 100.99 | 25.98 ** |
| Female | 1981-84      |         |       |        |          |
|        | 1985-88      |         |       |        |          |
|        | 1989-92      | 3.10    | 24.80 | 112.06 | 19.97    |
|        | 1993-96      | 3.21    | 28.47 | 74.71  | 16.66    |
|        | 1997-00      | 6.86    | 21.84 | 74.51  | 18.10    |
| Male   | Annual Trend | 1.101   | 0.984 | 1.019  | 1.019    |
| Female | Annual Trend | 1.114   | 0.985 | 0.941  | 0.984    |



**European Standardized Rates by Period**

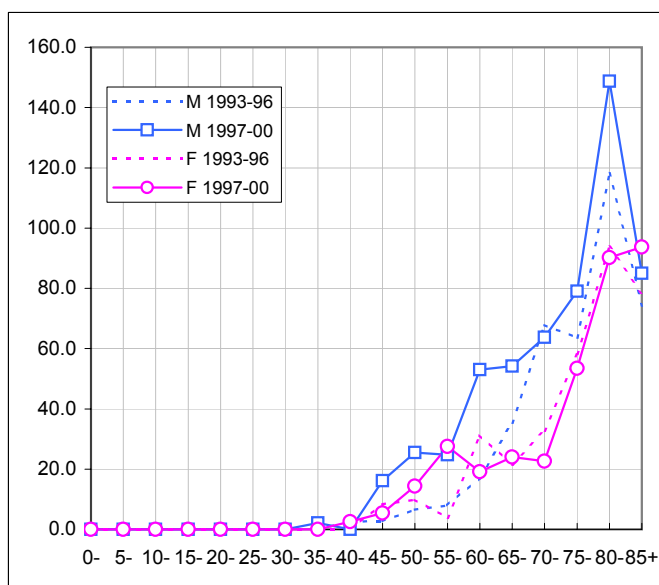
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 11.13 |
|        | 1985-88      |         | 12.10 |
|        | 1989-92      | 12.76   | 12.33 |
|        | 1993-96      | 8.81    | 11.02 |
|        | 1997-00      | 15.21 * | 11.05 |
| Female | 1981-84      |         | 7.42  |
|        | 1985-88      |         | 8.66  |
|        | 1989-92      | 8.97    | 8.62  |
|        | 1993-96      | 7.80    | 7.58  |
|        | 1997-00      | 8.71    | 7.32  |
| Male   | Annual Trend | 1.019   | 0.997 |
| Female | Annual Trend | 0.994   | 0.996 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

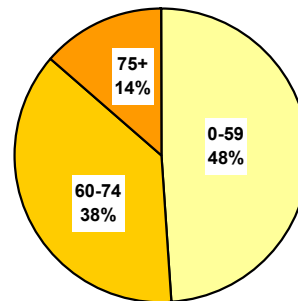
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 2.1     | 0.0     | 0.0     |
| 40-        | 2.6     | 0.0     | 0.0     | 2.6     |
| 45-        | 2.7     | 16.2    | 8.4     | 5.5     |
| 50-        | 6.5     | 25.5    | 9.9     | 14.3    |
| 55-        | 7.9     | 24.8    | 3.9     | 27.5    |
| 60-        | 17.1    | 53.0    | 31.2    | 19.1    |
| 65-        | 35.3    | 54.2    | 21.5    | 24.0    |
| 70-        | 67.9    | 63.8    | 32.8    | 22.7    |
| 75-        | 63.6    | 79.0    | 58.2    | 53.4    |
| 80-        | 118.2   | 148.7   | 93.8    | 90.2    |
| 85+        | 74.3    | 85.0    | 78.3    | 93.7    |
| Crude Rate | 8.7     | 15.6    | 9.9     | 11.3    |



## 1.9. Larynx

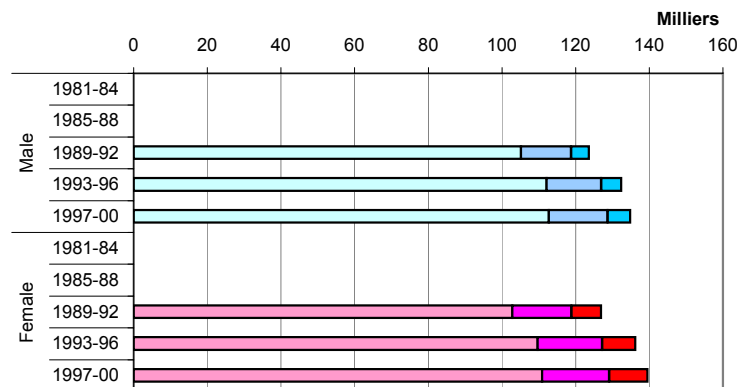
### Number of New Cases

| Sex    | Period  | New cases by age group |       |     | Total | Yearly average |
|--------|---------|------------------------|-------|-----|-------|----------------|
|        |         | 0-59                   | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 24                     | 14    | 4   | 42    | 11             |
|        | 1993-96 | 18                     | 21    | 7   | 46    | 12             |
|        | 1997-00 | 30                     | 20    | 7   | 57    | 14             |
| Female | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 3                      | 4     | 1   | 8     | 2              |
|        | 1993-96 | 4                      | 1     | 3   | 8     | 2              |
|        | 1997-00 | 4                      | 4     | 1   | 9     | 2              |
| Total  | Total   | 83                     | 64    | 23  | 170   |                |



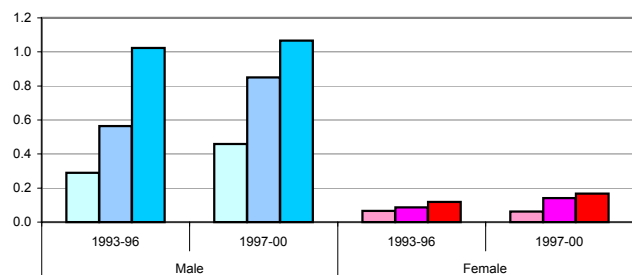
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

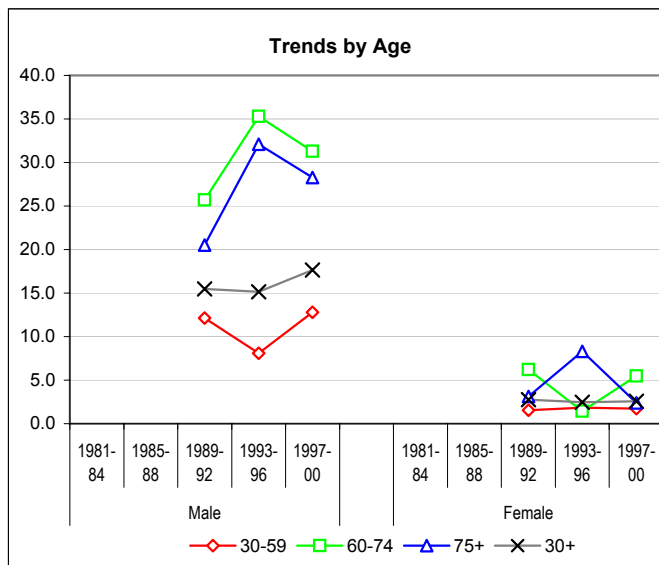
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.29 | 0.56 | 1.02 |
|        | 1997-00 | 0.46 | 0.85 | 1.07 |
| Female | 1993-96 | 0.07 | 0.09 | 0.12 |
|        | 1997-00 | 0.06 | 0.14 | 0.17 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

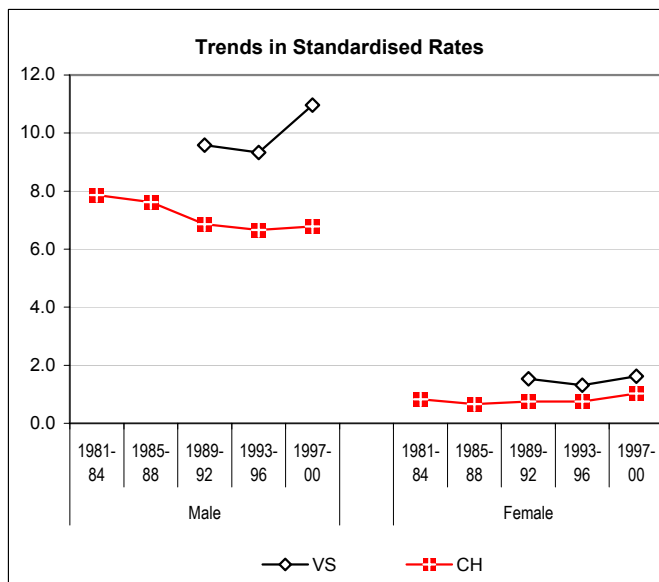
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 12.15 | 25.69 | 20.53 | 15.47 |
|        | 1993-96      | 8.10  | 35.31 | 32.10 | 15.16 |
|        | 1997-00      | 12.78 | 31.30 | 28.28 | 17.63 |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 1.55  | 6.20  | 3.11  | 2.76  |
|        | 1993-96      | 1.84  | 1.42  | 8.30  | 2.47  |
|        | 1997-00      | 1.72  | 5.46  | 2.40  | 2.59  |
| Male   | Annual Trend | 1.001 | 1.032 | 1.051 | 1.018 |
| Female | Annual Trend | 1.016 | 0.964 | 0.979 | 0.990 |



**European Standardized Rates by Period**

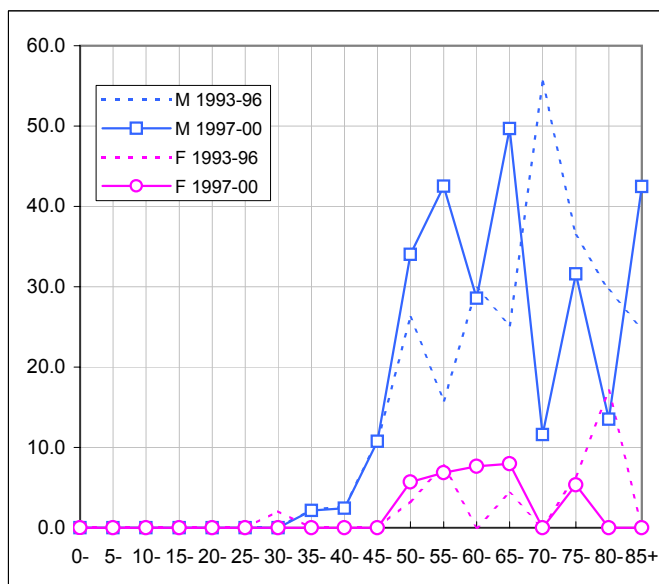
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 7.86  |
|        | 1985-88      |       | 7.63  |
|        | 1989-92      | 9.59  | 6.86  |
|        | 1993-96      | 9.33  | 6.66  |
|        | 1997-00      | 10.96 | 6.78  |
| Female | 1981-84      |       | 0.82  |
|        | 1985-88      |       | 0.66  |
|        | 1989-92      | 1.54  | 0.75  |
|        | 1993-96      | 1.31  | 0.75  |
|        | 1997-00      | 1.62  | 1.03  |
| Male   | Annual Trend | 1.018 | 0.989 |
| Female | Annual Trend | 1.005 | 1.014 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

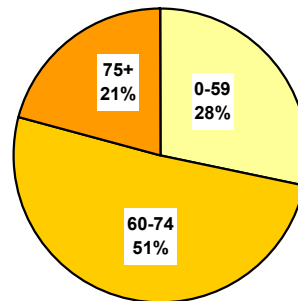
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 2.1     | 0.0     |
| 35-        | 2.3     | 2.1     | 0.0     | 0.0     |
| 40-        | 2.6     | 2.4     | 0.0     | 0.0     |
| 45-        | 10.9    | 10.8    | 0.0     | 0.0     |
| 50-        | 26.2    | 34.0    | 3.3     | 5.7     |
| 55-        | 15.9    | 42.5    | 7.7     | 6.9     |
| 60-        | 29.8    | 28.6    | 0.0     | 7.6     |
| 65-        | 25.2    | 49.7    | 4.3     | 8.0     |
| 70-        | 55.5    | 11.6    | 0.0     | 0.0     |
| 75-        | 36.4    | 31.6    | 6.5     | 5.3     |
| 80-        | 29.5    | 13.5    | 17.0    | 0.0     |
| 85+        | 24.8    | 42.5    | 0.0     | 0.0     |
| Crude Rate | 8.7     | 10.6    | 1.5     | 1.6     |



### 1.10. Lung, Trachea

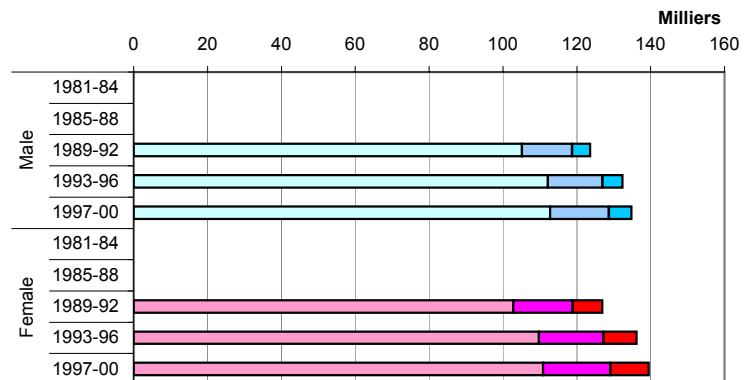
#### Number of New Cases

| Sex    | Period  | New cases by age group |       |     | Total | Yearly average |
|--------|---------|------------------------|-------|-----|-------|----------------|
|        |         | 0-59                   | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 77                     | 180   | 64  | 321   | 80             |
|        | 1993-96 | 96                     | 193   | 69  | 358   | 90             |
|        | 1997-00 | 110                    | 199   | 99  | 408   | 102            |
| Female | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 25                     | 38    | 8   | 71    | 18             |
|        | 1993-96 | 41                     | 44    | 18  | 103   | 26             |
|        | 1997-00 | 51                     | 61    | 37  | 149   | 37             |
| Total  | Total   | 400                    | 715   | 295 | 1'410 |                |



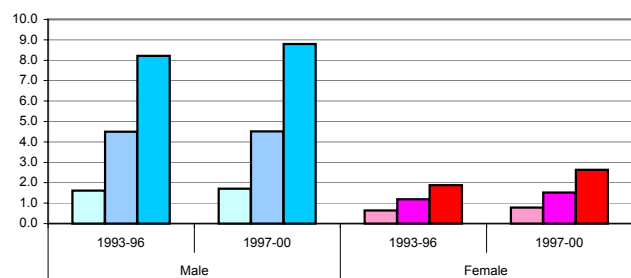
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

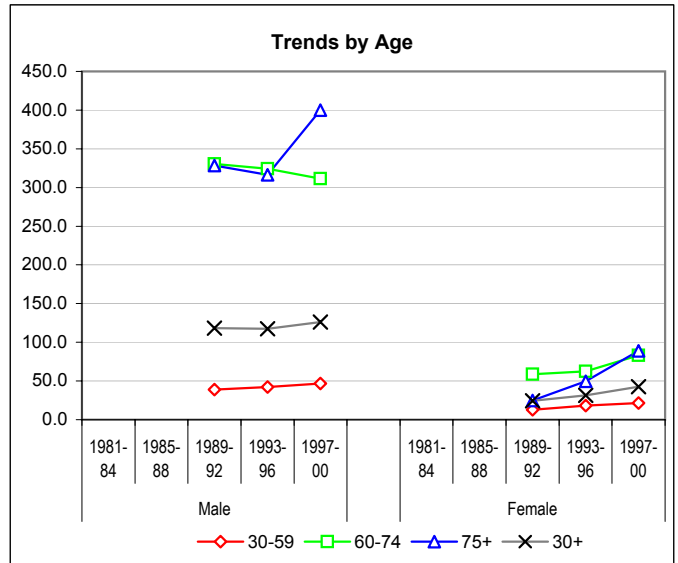
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 1.61 | 4.50 | 8.21 |
|        | 1997-00 | 1.72 | 4.51 | 8.79 |
| Female | 1993-96 | 0.63 | 1.19 | 1.88 |
|        | 1997-00 | 0.78 | 1.52 | 2.63 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

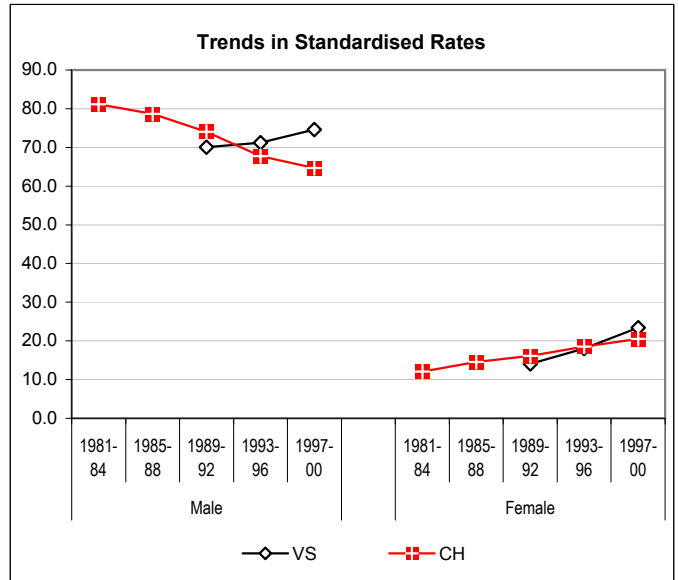
| Sex    | Period       | 30-59 | 60-74  | 75+     | 30+     |
|--------|--------------|-------|--------|---------|---------|
| Male   | 1981-84      |       |        |         |         |
|        | 1985-88      |       |        |         |         |
|        | 1989-92      | 38.97 | 330.26 | 328.48  | 118.20  |
|        | 1993-96      | 42.30 | 324.46 | 316.43  | 117.28  |
|        | 1997-00      | 46.87 | 311.47 | 399.90  | 126.19  |
| Female | 1981-84      |       |        |         |         |
|        | 1985-88      |       |        |         |         |
|        | 1989-92      | 12.91 | 58.89  | 24.90   | 24.45   |
|        | 1993-96      | 18.36 | 62.64  | 49.81   | 31.46   |
|        | 1997-00      | 21.44 | 83.26  | 88.93 * | 42.52 * |
| Male   | Annual Trend | 1.026 | 0.992  | 1.026   | 1.009   |
| Female | Annual Trend | 1.076 | 1.049  | 1.199   | 1.081   |



**European Standardized Rates by Period**

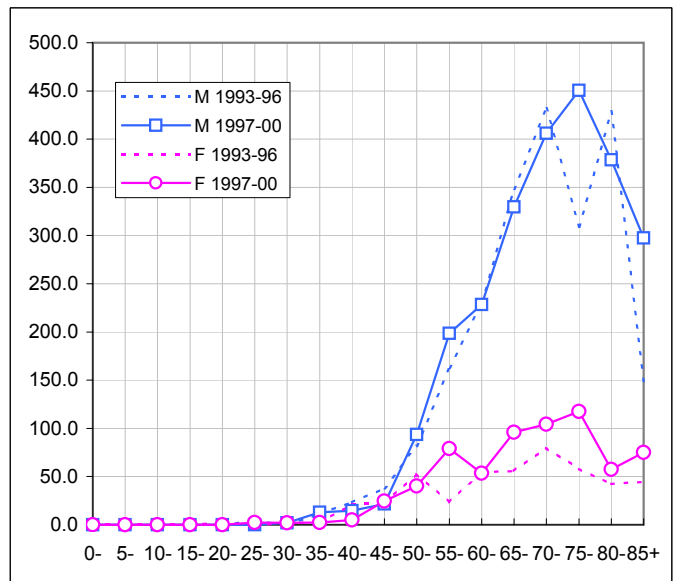
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 81.16 |
|        | 1985-88      |         | 78.64 |
|        | 1989-92      | 70.04   | 74.04 |
|        | 1993-96      | 71.25   | 67.78 |
|        | 1997-00      | 74.60 * | 64.72 |
| Female | 1981-84      |         | 12.11 |
|        | 1985-88      |         | 14.54 |
|        | 1989-92      | 14.05   | 16.12 |
|        | 1993-96      | 18.05   | 18.52 |
|        | 1997-00      | 23.40   | 20.52 |
| Male   | Annual Trend | 1.009   | 0.984 |
| Female | Annual Trend | 1.075   | 1.035 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

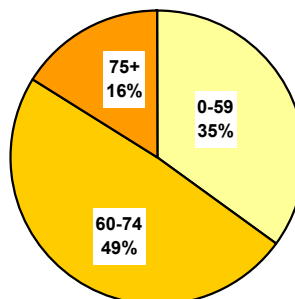
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 2.5     | 0.0     |
| 25-        | 4.4     | 0.0     | 0.0     | 2.4     |
| 30-        | 0.0     | 2.2     | 2.1     | 2.1     |
| 35-        | 11.5    | 12.9    | 2.5     | 2.2     |
| 40-        | 23.5    | 14.6    | 21.7    | 5.1     |
| 45-        | 38.0    | 21.5    | 22.4    | 24.6    |
| 50-        | 81.8    | 93.5    | 52.8    | 40.0    |
| 55-        | 162.7   | 198.4   | 23.1    | 79.0    |
| 60-        | 230.2   | 228.5   | 54.7    | 53.5    |
| 65-        | 348.2   | 329.7   | 55.9    | 95.8    |
| 70-        | 431.8   | 406.0   | 79.6    | 104.3   |
| 75-        | 309.1   | 450.5   | 58.2    | 117.5   |
| 80-        | 428.4   | 378.6   | 42.6    | 57.4    |
| 85+        | 148.6   | 297.4   | 44.8    | 74.9    |
| Crude Rate | 67.6    | 75.6    | 18.9    | 26.7    |



### 1.11. Pleura

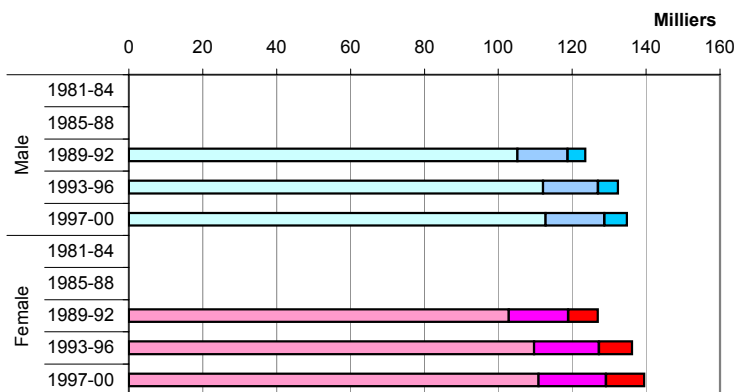
#### Number of New Cases

| Sex          | Period       | New cases by age group |           |          | Total     | Yearly average |
|--------------|--------------|------------------------|-----------|----------|-----------|----------------|
|              |              | 0-59                   | 60-74     | 75+      |           |                |
| Male         | 1981-84      |                        |           |          |           |                |
|              | 1985-88      |                        |           |          |           |                |
|              | 1989-92      | 4                      | 6         | 1        | 11        | 3              |
|              | 1993-96      | 2                      | 3         | 1        | 6         | 2              |
|              | 1997-00      | 6                      | 4         | 4        | 14        | 4              |
| Female       | 1981-84      |                        |           |          |           |                |
|              | 1985-88      |                        |           |          |           |                |
|              | 1989-92      | 0                      | 2         | 0        | 2         | 1              |
|              | 1993-96      | 0                      | 1         | 0        | 1         | 0              |
|              | 1997-00      | 1                      | 2         | 0        | 3         | 1              |
| <b>Total</b> | <b>Total</b> | <b>13</b>              | <b>18</b> | <b>6</b> | <b>37</b> |                |



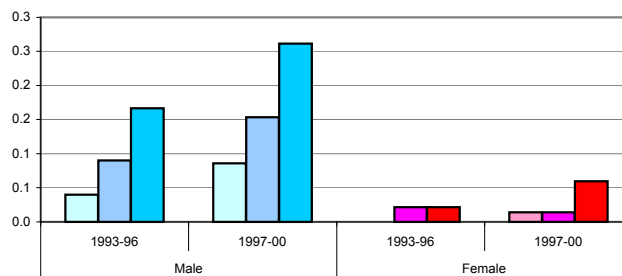
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

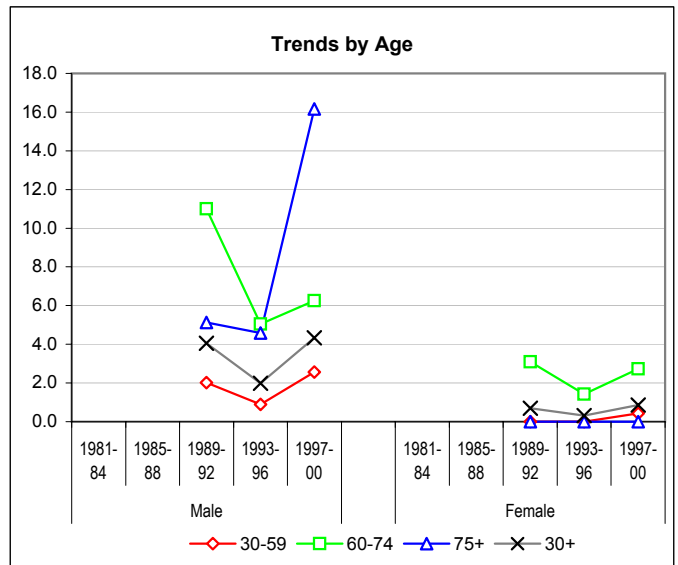
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.04 | 0.09 | 0.17 |
|        | 1997-00 | 0.09 | 0.15 | 0.26 |
| Female | 1993-96 | 0.00 | 0.02 | 0.02 |
|        | 1997-00 | 0.01 | 0.01 | 0.06 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

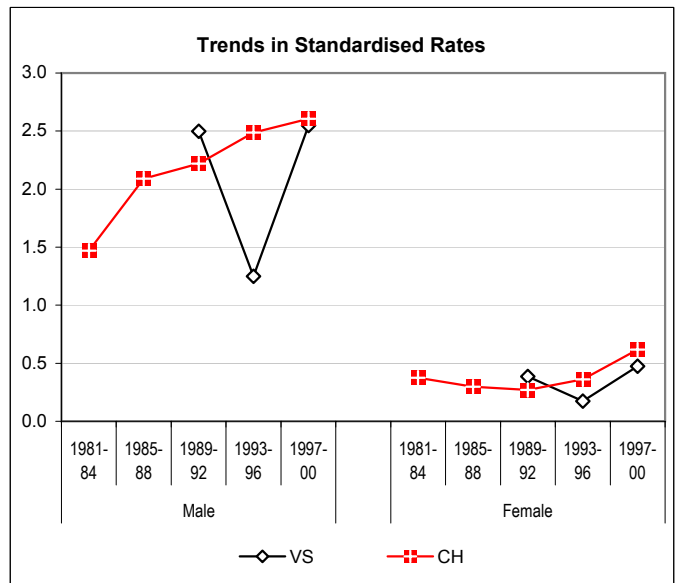
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 2.03  | 11.01 | 5.13  | 4.05  |
|        | 1993-96      | 0.90  | 5.04  | 4.59  | 1.98  |
|        | 1997-00      | 2.56  | 6.26  | 16.16 | 4.33  |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 0.00  | 3.10  | 0.00  | 0.69  |
|        | 1993-96      | 0.00  | 1.42  | 0.00  | 0.31  |
|        | 1997-00      | 0.43  | 2.73  | 0.00  | 0.86  |
| Male   | Annual Trend | 1.021 | 0.917 | 1.166 | 0.999 |
| Female | Annual Trend | 2.269 | 0.973 | 1.000 | 1.020 |



**European Standardized Rates by Period**

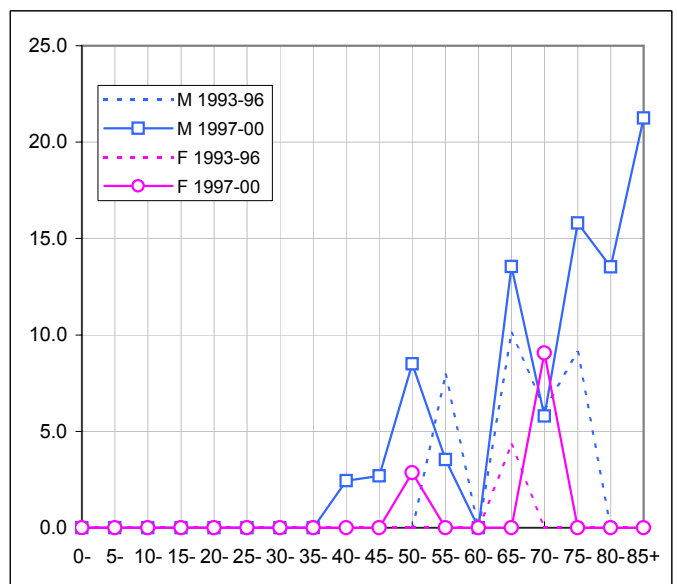
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 1.47  |
|        | 1985-88      |       | 2.09  |
|        | 1989-92      | 2.50  | 2.22  |
|        | 1993-96      | 1.25  | 2.49  |
|        | 1997-00      | 2.55  | 2.61  |
| Female | 1981-84      |       | 0.38  |
|        | 1985-88      |       | 0.30  |
|        | 1989-92      | 0.39  | 0.27  |
|        | 1993-96      | 0.17  | 0.36  |
|        | 1997-00      | 0.47  | 0.62  |
| Male   | Annual Trend | 0.993 | 1.036 |
| Female | Annual Trend | 1.017 | 1.030 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

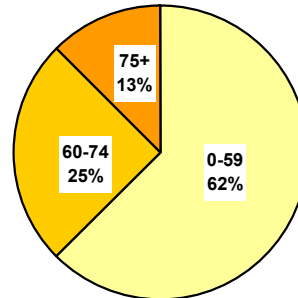
| Age        | M       | M       | F       | F       |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 2.4     | 0.0     | 0.0     |
| 45-        | 0.0     | 2.7     | 0.0     | 0.0     |
| 50-        | 0.0     | 8.5     | 0.0     | 2.9     |
| 55-        | 7.9     | 3.5     | 0.0     | 0.0     |
| 60-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 65-        | 10.1    | 13.6    | 4.3     | 0.0     |
| 70-        | 6.2     | 5.8     | 0.0     | 9.1     |
| 75-        | 9.1     | 15.8    | 0.0     | 0.0     |
| 80-        | 0.0     | 13.5    | 0.0     | 0.0     |
| 85+        | 0.0     | 21.2    | 0.0     | 0.0     |
| Crude Rate | 1.1     | 2.6     | 0.2     | 0.5     |



### 1.12. Bones, Joints, Cartilage

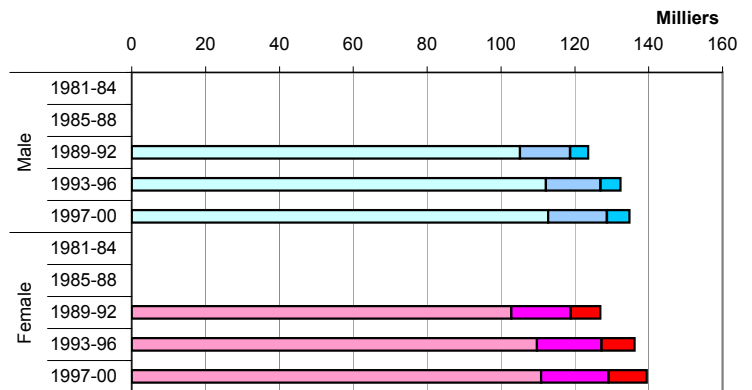
#### Number of New Cases

| Sex          | Period       | New cases by age group |          |          | Total     | Yearly average |
|--------------|--------------|------------------------|----------|----------|-----------|----------------|
|              |              | 0-59                   | 60-74    | 75+      |           |                |
| Male         | 1981-84      |                        |          |          |           |                |
|              | 1985-88      |                        |          |          |           |                |
|              | 1989-92      | 2                      | 0        | 1        | 3         | 1              |
|              | 1993-96      | 4                      | 2        | 1        | 7         | 2              |
|              | 1997-00      | 3                      | 2        | 0        | 5         | 1              |
| Female       | 1981-84      |                        |          |          |           |                |
|              | 1985-88      |                        |          |          |           |                |
|              | 1989-92      | 1                      | 0        | 0        | 1         | 0              |
|              | 1993-96      | 3                      | 0        | 1        | 4         | 1              |
|              | 1997-00      | 2                      | 2        | 0        | 4         | 1              |
| <b>Total</b> | <b>Total</b> | <b>15</b>              | <b>6</b> | <b>3</b> | <b>24</b> |                |



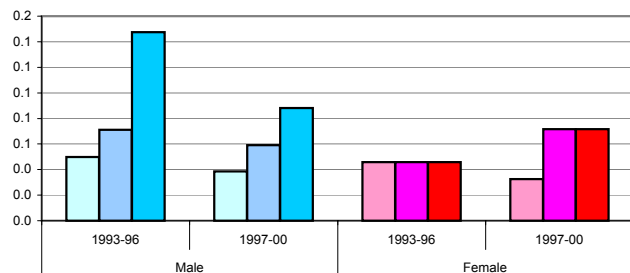
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

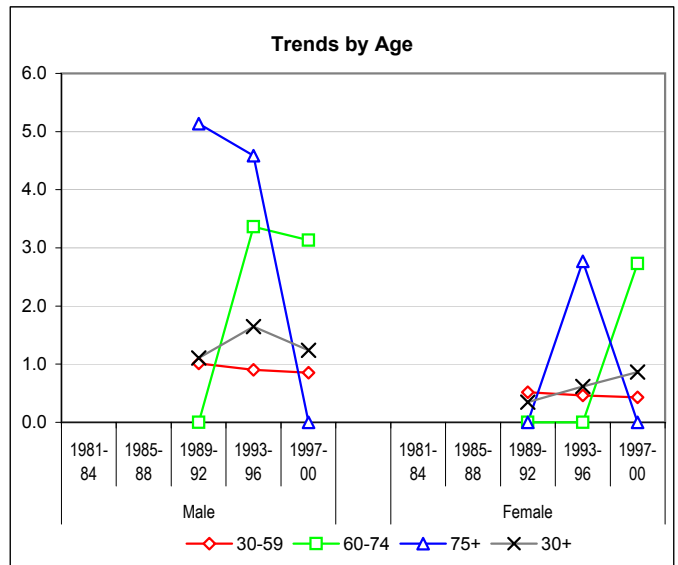
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.05 | 0.07 | 0.15 |
|        | 1997-00 | 0.04 | 0.06 | 0.09 |
| Female | 1993-96 | 0.05 | 0.05 | 0.05 |
|        | 1997-00 | 0.03 | 0.07 | 0.07 |



Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

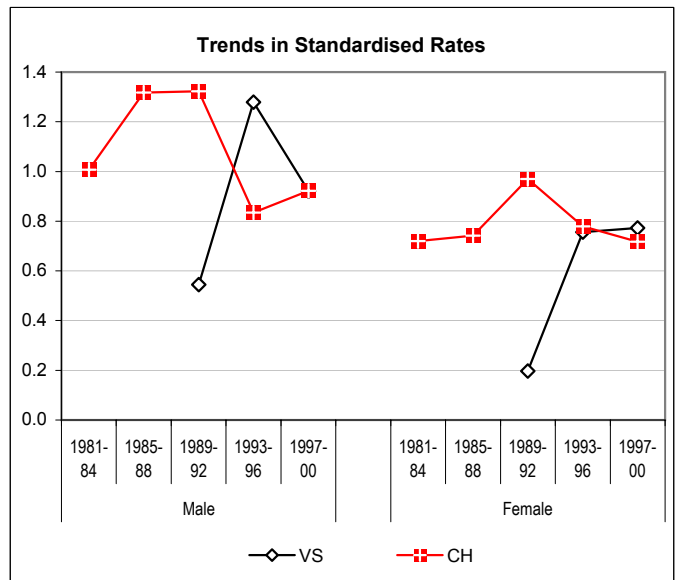
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 1.01  | 0.00  | 5.13  | 1.11  |
|        | 1993-96      | 0.90  | 3.36  | 4.59  | 1.65  |
|        | 1997-00      | 0.85  | 3.13  | 0.00  | 1.24  |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 0.52  | 0.00  | 0.00  | 0.35  |
|        | 1993-96      | 0.46  | 0.00  | 2.77  | 0.62  |
|        | 1997-00      | 0.43  | 2.73  | 0.00  | 0.86  |
| Male   | Annual Trend | 0.975 | 3.312 | 0.315 | 1.021 |
| Female | Annual Trend | 0.974 | 2.913 | 1.113 | 1.141 |



European Standardized Rates by Period

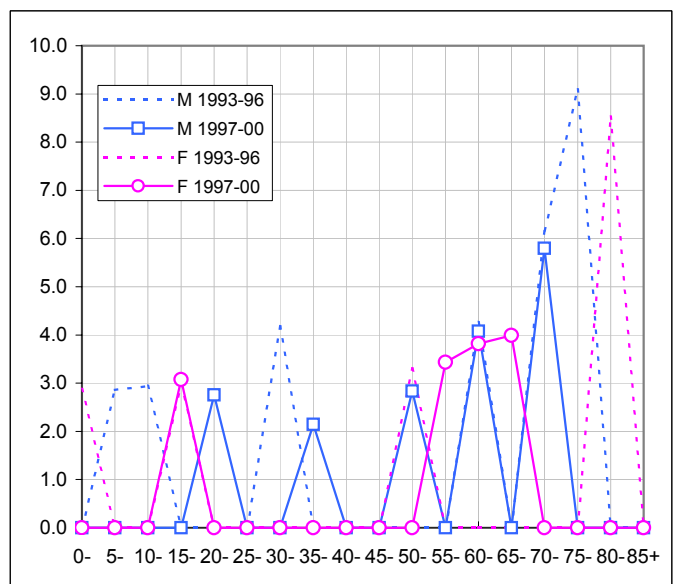
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 1.01  |
|        | 1985-88      |       | 1.32  |
|        | 1989-92      | 0.55  | 1.32  |
|        | 1993-96      | 1.28  | 0.83  |
|        | 1997-00      | 0.92  | 0.92  |
| Female | 1981-84      |       | 0.72  |
|        | 1985-88      |       | 0.74  |
|        | 1989-92      | 0.20  | 0.97  |
|        | 1993-96      | 0.76  | 0.78  |
|        | 1997-00      | 0.77  | 0.72  |
| Male   | Annual Trend | 1.086 | 0.984 |
| Female | Annual Trend | 1.225 | 1.002 |

Stars (\*) : statistically significant differences between VS and CH



Age Specific Rates - Last Periods Compared

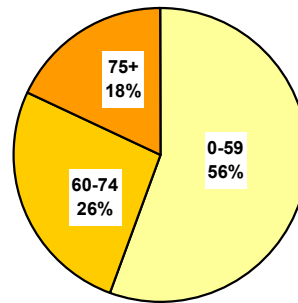
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 2.9     | 0.0     |
| 5-         | 2.9     | 0.0     | 0.0     | 0.0     |
| 10-        | 2.9     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 3.0     | 3.1     |
| 20-        | 0.0     | 2.8     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 4.2     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 2.1     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 45-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 50-        | 0.0     | 2.8     | 3.3     | 0.0     |
| 55-        | 0.0     | 0.0     | 0.0     | 3.4     |
| 60-        | 4.3     | 4.1     | 0.0     | 3.8     |
| 65-        | 0.0     | 0.0     | 0.0     | 4.0     |
| 70-        | 6.2     | 5.8     | 0.0     | 0.0     |
| 75-        | 9.1     | 0.0     | 0.0     | 0.0     |
| 80-        | 0.0     | 0.0     | 8.5     | 0.0     |
| 85+        | 0.0     | 0.0     | 0.0     | 0.0     |
| Crude Rate | 1.3     | 0.9     | 0.7     | 0.7     |



### 1.13. Skin Melanoma

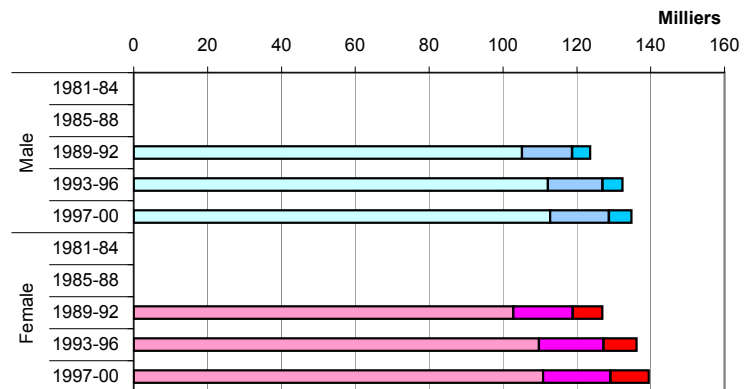
#### Number of New Cases

| Sex          | Period       | New cases by age group |            |           | Total      | Yearly average |
|--------------|--------------|------------------------|------------|-----------|------------|----------------|
|              |              | 0-59                   | 60-74      | 75+       |            |                |
| Male         | 1981-84      |                        |            |           |            |                |
|              | 1985-88      |                        |            |           |            |                |
|              | 1989-92      | 14                     | 13         | 2         | 29         | 7              |
|              | 1993-96      | 36                     | 11         | 10        | 57         | 14             |
|              | 1997-00      | 49                     | 21         | 19        | 89         | 22             |
| Female       | 1981-84      |                        |            |           |            |                |
|              | 1985-88      |                        |            |           |            |                |
|              | 1989-92      | 30                     | 16         | 13        | 59         | 15             |
|              | 1993-96      | 37                     | 17         | 15        | 69         | 17             |
|              | 1997-00      | 67                     | 33         | 17        | 117        | 29             |
| <b>Total</b> | <b>Total</b> | <b>233</b>             | <b>111</b> | <b>76</b> | <b>420</b> |                |



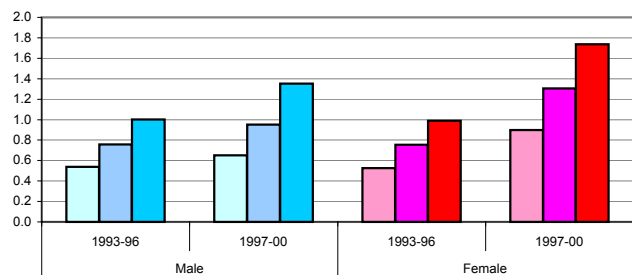
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

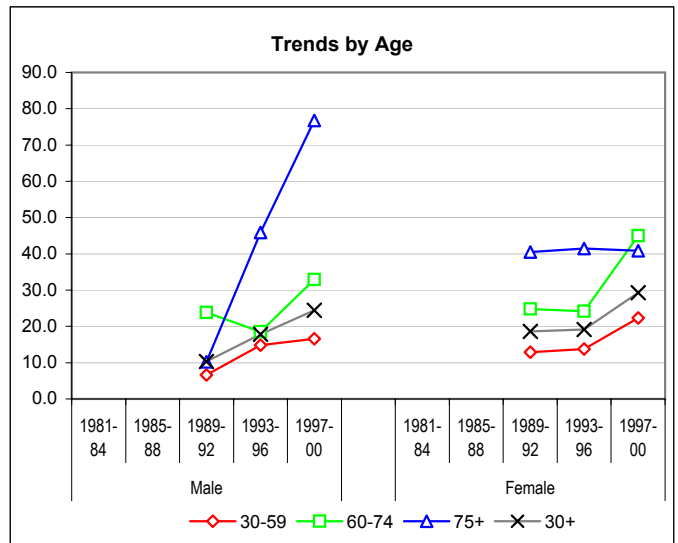
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.54 | 0.76 | 1.00 |
|        | 1997-00 | 0.65 | 0.95 | 1.35 |
| Female | 1993-96 | 0.52 | 0.75 | 0.99 |
|        | 1997-00 | 0.90 | 1.31 | 1.74 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

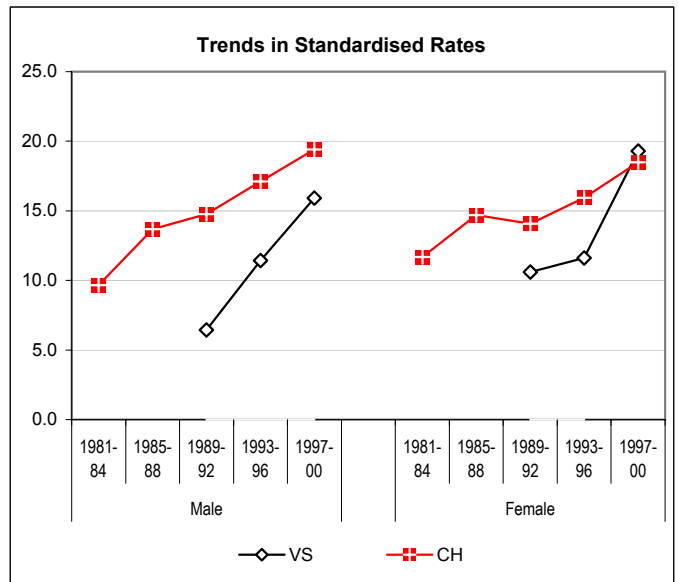
| Sex    | Period       | 30-59    | 60-74   | 75+     | 30+      |
|--------|--------------|----------|---------|---------|----------|
| Male   | 1981-84      |          |         |         |          |
|        | 1985-88      |          |         |         |          |
|        | 1989-92      | 6.58     | 23.85   | 10.27   | 10.31    |
|        | 1993-96      | 14.85 ** | 18.49   | 45.86 * | 17.79 *  |
|        | 1997-00      | 16.62    | 32.87   | 76.75   | 24.44    |
| Female | 1981-84      |          |         |         |          |
|        | 1985-88      |          |         |         |          |
|        | 1989-92      | 12.91    | 24.80   | 40.47   | 18.60    |
|        | 1993-96      | 13.77    | 24.20   | 41.51   | 19.12    |
|        | 1997-00      | 22.30 *  | 45.04 * | 40.86   | 29.31 ** |
| Male   | Annual Trend | 1.146    | 1.041   | 1.339   | 1.132    |
| Female | Annual Trend | 1.078    | 1.084   | 1.002   | 1.064    |



**European Standardized Rates by Period**

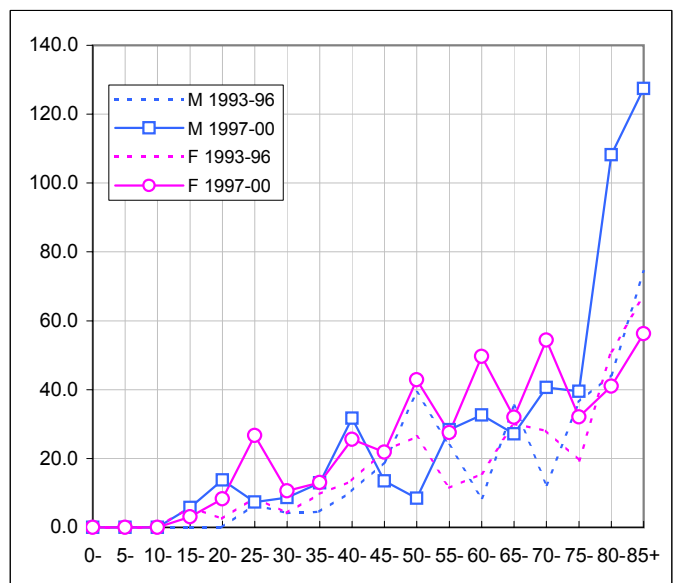
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 9.66  |
|        | 1985-88      |         | 13.68 |
|        | 1989-92      | 6.44 *  | 14.77 |
|        | 1993-96      | 11.44 * | 17.11 |
|        | 1997-00      | 15.93 * | 19.40 |
| Female | 1981-84      |         | 11.69 |
|        | 1985-88      |         | 14.70 |
|        | 1989-92      | 10.60 * | 14.08 |
|        | 1993-96      | 11.62 * | 15.94 |
|        | 1997-00      | 19.29   | 18.49 |
| Male   | Annual Trend | 1.139   | 1.044 |
| Female | Annual Trend | 1.086   | 1.026 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

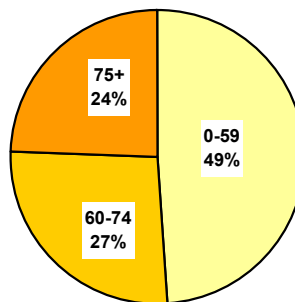
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 5.8     | 6.0     | 3.1     |
| 20-        | 0.0     | 13.8    | 2.5     | 8.3     |
| 25-        | 6.6     | 7.3     | 8.6     | 26.7    |
| 30-        | 4.2     | 8.6     | 4.2     | 10.6    |
| 35-        | 4.6     | 12.9    | 9.8     | 13.0    |
| 40-        | 10.5    | 31.7    | 13.5    | 25.6    |
| 45-        | 19.0    | 13.5    | 22.4    | 21.9    |
| 50-        | 39.3    | 8.5     | 26.4    | 42.9    |
| 55-        | 23.8    | 28.3    | 11.6    | 27.5    |
| 60-        | 8.5     | 32.6    | 15.6    | 49.7    |
| 65-        | 35.3    | 27.1    | 30.1    | 31.9    |
| 70-        | 12.3    | 40.6    | 28.1    | 54.4    |
| 75-        | 36.4    | 39.5    | 19.4    | 32.0    |
| 80-        | 44.3    | 108.2   | 51.1    | 41.0    |
| 85+        | 74.3    | 127.5   | 67.1    | 56.2    |
| Crude Rate | 10.8    | 16.5    | 12.7    | 21.0    |



### 1.14. Soft Tissues

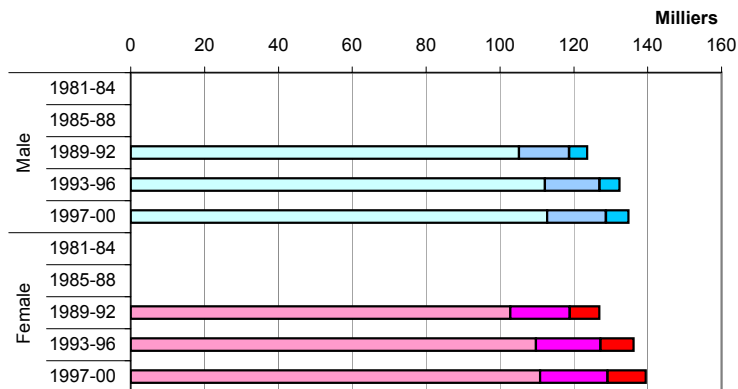
#### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Total     | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|-----------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |           |                |
| Male         | 1981-84      |                        |           |           |           |                |
|              | 1985-88      |                        |           |           |           |                |
|              | 1989-92      | 6                      | 1         | 4         | 11        | 3              |
|              | 1993-96      | 8                      | 11        | 2         | 21        | 5              |
|              | 1997-00      | 11                     | 3         | 7         | 21        | 5              |
| Female       | 1981-84      |                        |           |           |           |                |
|              | 1985-88      |                        |           |           |           |                |
|              | 1989-92      | 13                     | 4         | 4         | 21        | 5              |
|              | 1993-96      | 10                     | 4         | 2         | 16        | 4              |
|              | 1997-00      | 0                      | 3         | 5         | 8         | 2              |
| <b>Total</b> | <b>Total</b> | <b>48</b>              | <b>26</b> | <b>24</b> | <b>98</b> |                |



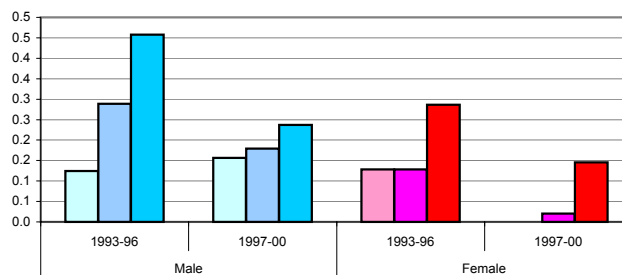
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

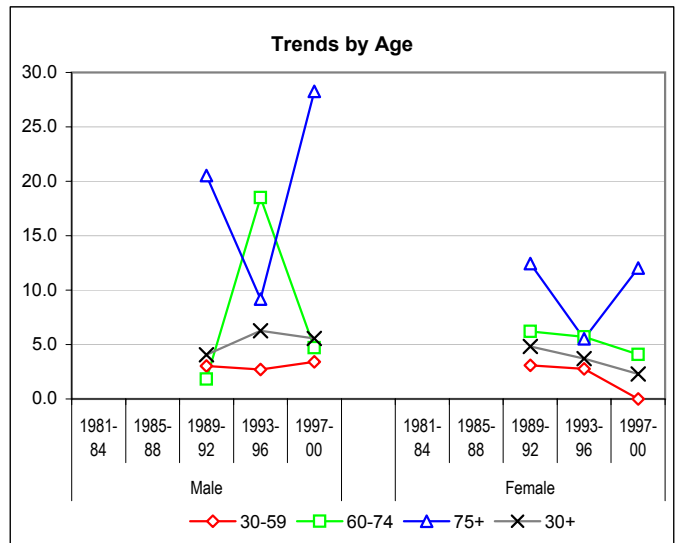
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.12 | 0.29 | 0.46 |
|        | 1997-00 | 0.16 | 0.18 | 0.24 |
| Female | 1993-96 | 0.13 | 0.13 | 0.29 |
|        | 1997-00 | 0.00 | 0.02 | 0.15 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

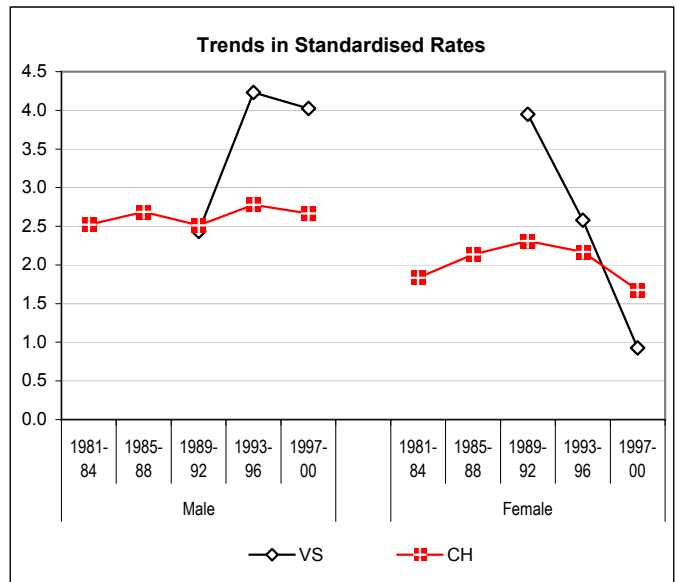
| Sex    | Period       | 30-59  | 60-74    | 75+   | 30+   |
|--------|--------------|--------|----------|-------|-------|
| Male   | 1981-84      |        |          |       |       |
|        | 1985-88      |        |          |       |       |
|        | 1989-92      | 3.04   | 1.84     | 20.53 | 4.05  |
|        | 1993-96      | 2.70   | 18.49 ** | 9.17  | 6.26  |
|        | 1997-00      | 3.41   | 4.70 *   | 28.28 | 5.57  |
| Female | 1981-84      |        |          |       |       |
|        | 1985-88      |        |          |       |       |
|        | 1989-92      | 3.10   | 6.20     | 12.45 | 4.82  |
|        | 1993-96      | 2.76   | 5.70     | 5.54  | 3.70  |
|        | 1997-00      | 0.00 * | 4.10     | 12.02 | 2.30  |
| Male   | Annual Trend | 1.014  | 1.171    | 1.033 | 1.050 |
| Female | Annual Trend | 0.337  | 0.944    | 0.984 | 0.902 |



**European Standardized Rates by Period**

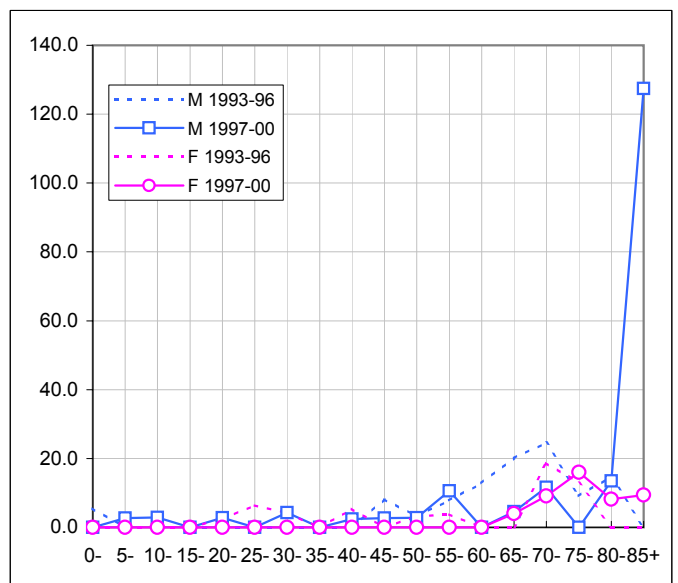
| Sex    | Period       | VS     | CH    |
|--------|--------------|--------|-------|
| Male   | 1981-84      |        | 2.52  |
|        | 1985-88      |        | 2.69  |
|        | 1989-92      | 2.44   | 2.51  |
|        | 1993-96      | 4.23   | 2.78  |
|        | 1997-00      | 4.03   | 2.67  |
| Female | 1981-84      |        | 1.84  |
|        | 1985-88      |        | 2.13  |
|        | 1989-92      | 3.95 * | 2.31  |
|        | 1993-96      | 2.58   | 2.17  |
|        | 1997-00      | 0.93   | 1.68  |
| Male   | Annual Trend | 1.078  | 1.004 |
| Female | Annual Trend | 0.818  | 0.997 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

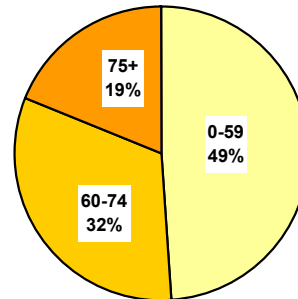
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 5.5     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 2.7     | 0.0     | 0.0     |
| 10-        | 0.0     | 2.9     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 2.8     | 2.5     | 0.0     |
| 25-        | 0.0     | 0.0     | 6.4     | 0.0     |
| 30-        | 0.0     | 4.3     | 4.2     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 2.4     | 5.4     | 0.0     |
| 45-        | 8.1     | 2.7     | 0.0     | 0.0     |
| 50-        | 3.3     | 2.8     | 3.3     | 0.0     |
| 55-        | 7.9     | 10.6    | 3.9     | 0.0     |
| 60-        | 12.8    | 0.0     | 0.0     | 0.0     |
| 65-        | 20.2    | 4.5     | 0.0     | 4.0     |
| 70-        | 24.7    | 11.6    | 18.7    | 9.1     |
| 75-        | 9.1     | 0.0     | 12.9    | 16.0    |
| 80-        | 14.8    | 13.5    | 0.0     | 8.2     |
| 85+        | 0.0     | 127.5   | 0.0     | 9.4     |
| Crude Rate | 4.0     | 3.9     | 2.9     | 1.4     |



### 1.15. Breast

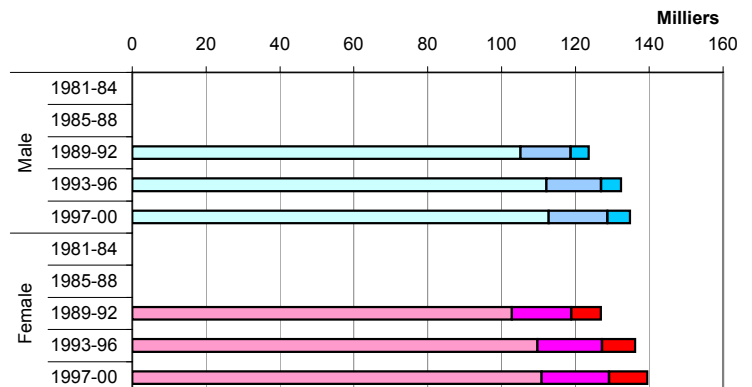
#### Number of New Cases

| Sex          | Period       | New cases by age group |            |            | Total        | Yearly average |
|--------------|--------------|------------------------|------------|------------|--------------|----------------|
|              |              | 0-59                   | 60-74      | 75+        |              |                |
| Male         | 1981-84      |                        |            |            |              |                |
|              | 1985-88      |                        |            |            |              |                |
|              | 1989-92      | 1                      | 4          | 1          | 6            | 2              |
|              | 1993-96      | 5                      | 3          | 1          | 9            | 2              |
|              | 1997-00      | 3                      | 2          | 3          | 8            | 2              |
| Female       | 1981-84      |                        |            |            |              |                |
|              | 1985-88      |                        |            |            |              |                |
|              | 1989-92      | 240                    | 155        | 99         | 494          | 124            |
|              | 1993-96      | 341                    | 184        | 103        | 628          | 157            |
|              | 1997-00      | 328                    | 258        | 147        | 733          | 183            |
| <b>Total</b> | <b>Total</b> | <b>918</b>             | <b>606</b> | <b>354</b> | <b>1'878</b> |                |



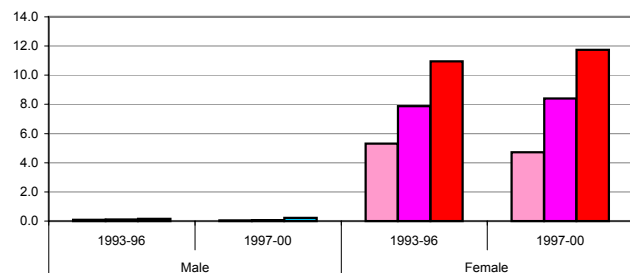
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

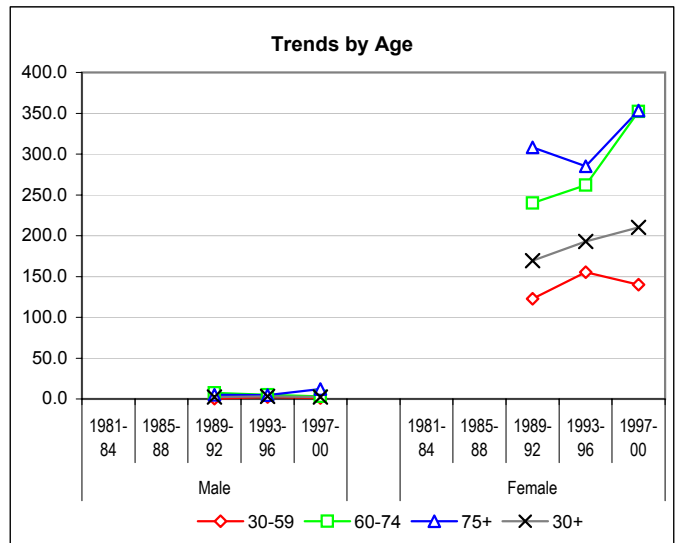
| Sex    | Period  | Age  |      |       |
|--------|---------|------|------|-------|
|        |         | 0-59 | 0-69 | 0-79  |
| Male   | 1993-96 | 0.08 | 0.10 | 0.16  |
|        | 1997-00 | 0.04 | 0.06 | 0.21  |
| Female | 1993-96 | 5.31 | 7.87 | 10.94 |
|        | 1997-00 | 4.71 | 8.41 | 11.74 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

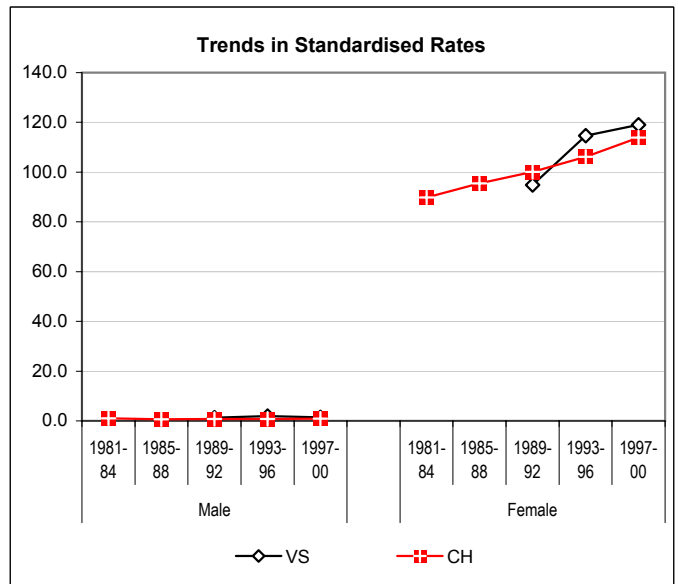
| Sex    | Period       | 30-59     | 60-74     | 75+    | 30+      |
|--------|--------------|-----------|-----------|--------|----------|
| Male   | 1981-84      |           |           |        |          |
|        | 1985-88      |           |           |        |          |
|        | 1989-92      | 0.51      | 7.34      | 5.13   | 2.21     |
|        | 1993-96      | 2.25      | 5.04      | 4.59   | 2.97     |
|        | 1997-00      | 1.28      | 3.13      | 12.12  | 2.48     |
| Female | 1981-84      |           |           |        |          |
|        | 1985-88      |           |           |        |          |
|        | 1989-92      | 122.86    | 240.20    | 308.15 | 169.44   |
|        | 1993-96      | 155.17 ** | 261.93    | 285.02 | 192.78 * |
|        | 1997-00      | 139.81    | 352.14 ** | 353.33 | 210.03   |
| Male   | Annual Trend | 1.156     | 0.887     | 1.121  | 1.019    |
| Female | Annual Trend | 1.021     | 1.054     | 1.018  | 1.031    |



**European Standardized Rates by Period**

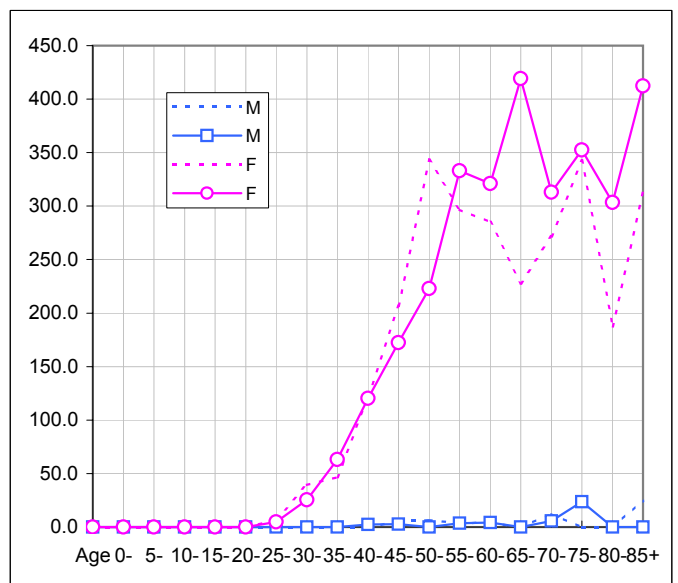
| Sex    | Period       | VS     | CH     |
|--------|--------------|--------|--------|
| Male   | 1981-84      |        | 1.01   |
|        | 1985-88      |        | 0.67   |
|        | 1989-92      | 1.30   | 0.75   |
|        | 1993-96      | 1.91   | 0.72   |
|        | 1997-00      | 1.42   | 0.87   |
| Female | 1981-84      |        | 89.85  |
|        | 1985-88      |        | 95.47  |
|        | 1989-92      | 94.86  | 100.09 |
|        | 1993-96      | 114.68 | 106.18 |
|        | 1997-00      | 118.99 | 113.87 |
| Male   | Annual Trend | 1.018  | 0.994  |
| Female | Annual Trend | 1.034  | 1.015  |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

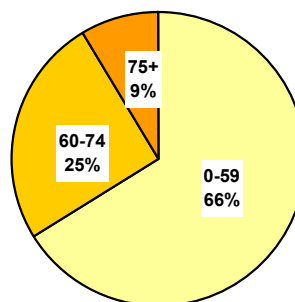
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 6.4     | 4.9     |
| 30-        | 0.0     | 0.0     | 39.5    | 25.3    |
| 35-        | 0.0     | 0.0     | 46.6    | 63.0    |
| 40-        | 0.0     | 2.4     | 121.9   | 120.2   |
| 45-        | 5.4     | 2.7     | 206.8   | 172.2   |
| 50-        | 6.5     | 0.0     | 343.2   | 222.9   |
| 55-        | 4.0     | 3.5     | 296.9   | 333.1   |
| 60-        | 4.3     | 4.1     | 285.0   | 320.9   |
| 65-        | 0.0     | 0.0     | 227.7   | 419.3   |
| 70-        | 12.3    | 5.8     | 271.5   | 313.0   |
| 75-        | 0.0     | 23.7    | 342.6   | 352.4   |
| 80-        | 0.0     | 0.0     | 187.5   | 303.3   |
| 85+        | 24.8    | 0.0     | 313.3   | 412.2   |
| Crude Rate | 1.7     | 1.5     | 115.2   | 131.3   |



### 1.16. Cervix Uteri

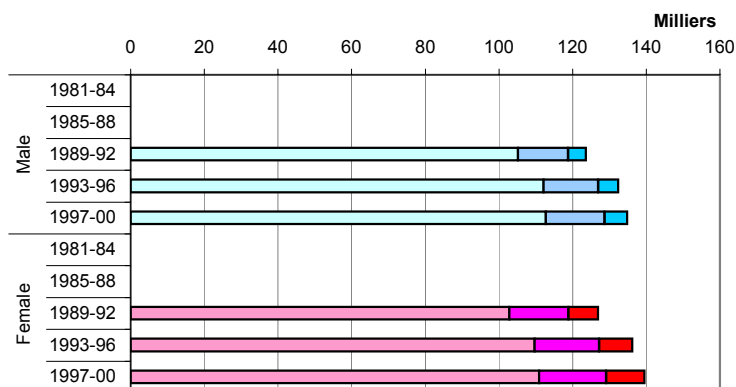
#### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Total      | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |            |                |
| Male         | 1981-84      |                        |           |           |            |                |
|              | 1985-88      |                        |           |           |            |                |
|              | 1989-92      |                        |           |           |            |                |
|              | 1993-96      |                        |           |           |            |                |
|              | 1997-00      |                        |           |           |            |                |
| Female       | 1981-84      |                        |           |           |            |                |
|              | 1985-88      |                        |           |           |            |                |
|              | 1989-92      | 28                     | 14        | 2         | 44         | 11             |
|              | 1993-96      | 22                     | 9         | 4         | 35         | 9              |
|              | 1997-00      | 26                     | 6         | 4         | 36         | 9              |
| <b>Total</b> | <b>Total</b> | <b>76</b>              | <b>29</b> | <b>10</b> | <b>115</b> |                |



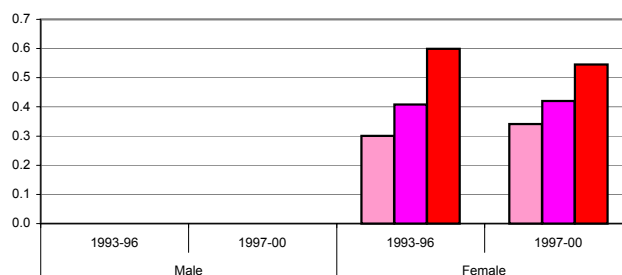
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

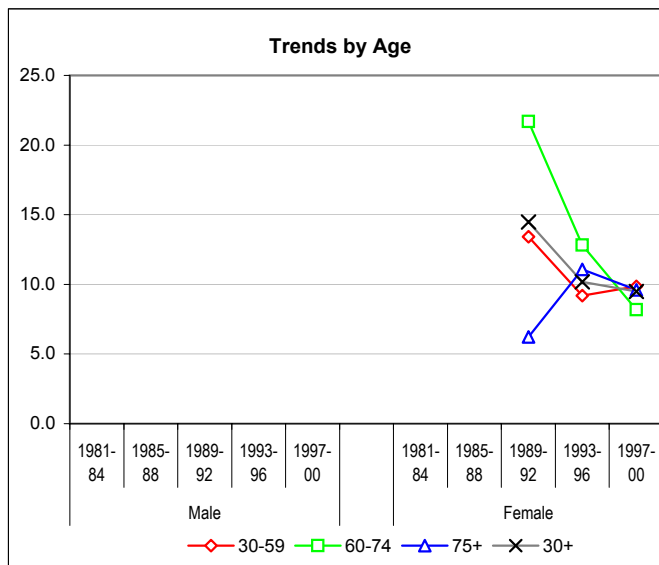
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 |      |      |      |
|        | 1997-00 |      |      |      |
| Female | 1993-96 | 0.30 | 0.41 | 0.60 |
|        | 1997-00 | 0.34 | 0.42 | 0.55 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

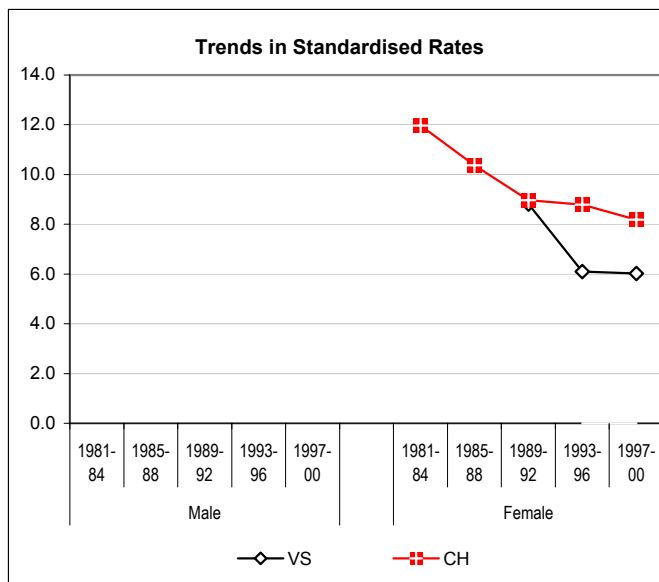
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      |       |       |       |       |
|        | 1993-96      |       |       |       |       |
|        | 1997-00      |       |       |       |       |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 13.42 | 21.70 | 6.23  | 14.46 |
|        | 1993-96      | 9.18  | 12.81 | 11.07 | 10.18 |
|        | 1997-00      | 9.86  | 8.19  | 9.62  | 9.48  |
| Male   | Annual Trend |       |       |       |       |
| Female | Annual Trend | 0.954 | 0.870 | 1.069 | 0.940 |



**European Standardized Rates by Period**

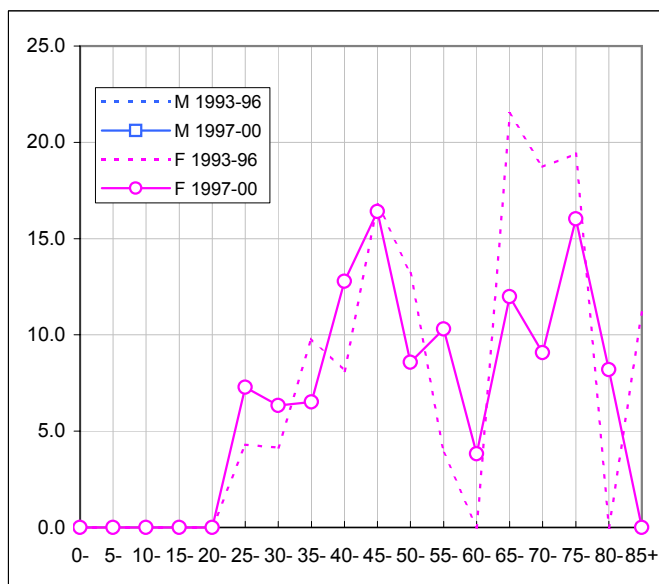
| Sex    | Period       | VS     | CH    |
|--------|--------------|--------|-------|
| Male   | 1981-84      |        |       |
|        | 1985-88      |        |       |
|        | 1989-92      |        |       |
|        | 1993-96      |        |       |
|        | 1997-00      |        |       |
| Female | 1981-84      |        | 11.97 |
|        | 1985-88      |        | 10.38 |
|        | 1989-92      | 8.82   | 8.97  |
|        | 1993-96      | 6.10 * | 8.79  |
|        | 1997-00      | 6.02 * | 8.18  |
| Male   | Annual Trend |        |       |
| Female | Annual Trend | 0.945  | 0.976 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

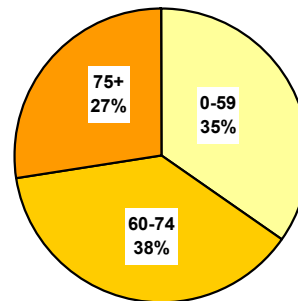
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         |         |         | 0.0     | 0.0     |
| 5-         |         |         | 0.0     | 0.0     |
| 10-        |         |         | 0.0     | 0.0     |
| 15-        |         |         | 0.0     | 0.0     |
| 20-        |         |         | 0.0     | 0.0     |
| 25-        |         |         | 4.3     | 7.3     |
| 30-        |         |         | 4.2     | 6.3     |
| 35-        |         |         | 9.8     | 6.5     |
| 40-        |         |         | 8.1     | 12.8    |
| 45-        |         |         | 16.8    | 16.4    |
| 50-        |         |         | 13.2    | 8.6     |
| 55-        |         |         | 3.9     | 10.3    |
| 60-        |         |         | 0.0     | 3.8     |
| 65-        |         |         | 21.5    | 12.0    |
| 70-        |         |         | 18.7    | 9.1     |
| 75-        |         |         | 19.4    | 16.0    |
| 80-        |         |         | 0.0     | 8.2     |
| 85+        |         |         | 11.2    | 0.0     |
| Crude Rate |         |         | 6.4     | 6.4     |



### 1.17. Corpus Uteri

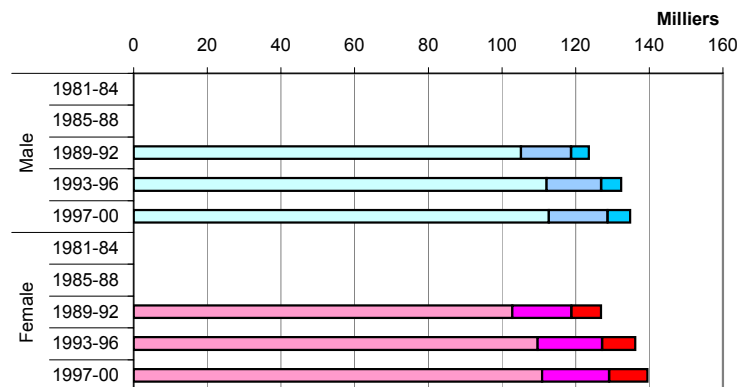
#### Number of New Cases

| Sex    | Period  | New cases by age group |       |     | Total | Yearly average |
|--------|---------|------------------------|-------|-----|-------|----------------|
|        |         | 0-59                   | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 |                        |       |     |       |                |
|        | 1993-96 |                        |       |     |       |                |
| Female | 1981-84 |                        |       |     |       |                |
|        | 1985-88 |                        |       |     |       |                |
|        | 1989-92 | 29                     | 32    | 21  | 82    | 21             |
|        | 1993-96 | 40                     | 40    | 24  | 104   | 26             |
|        | 1997-00 | 37                     | 44    | 39  | 120   | 30             |
| Total  | Total   | 106                    | 116   | 84  | 306   |                |



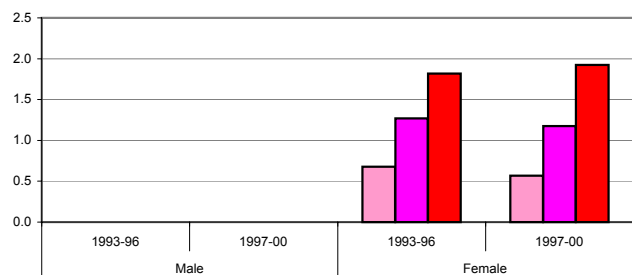
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

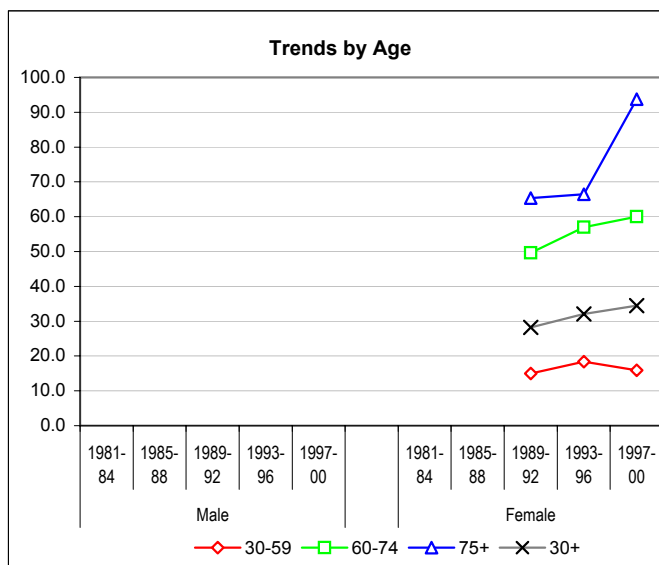
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 |      |      |      |
|        | 1997-00 |      |      |      |
| Female | 1993-96 | 0.68 | 1.27 | 1.82 |
|        | 1997-00 | 0.57 | 1.17 | 1.92 |



## Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

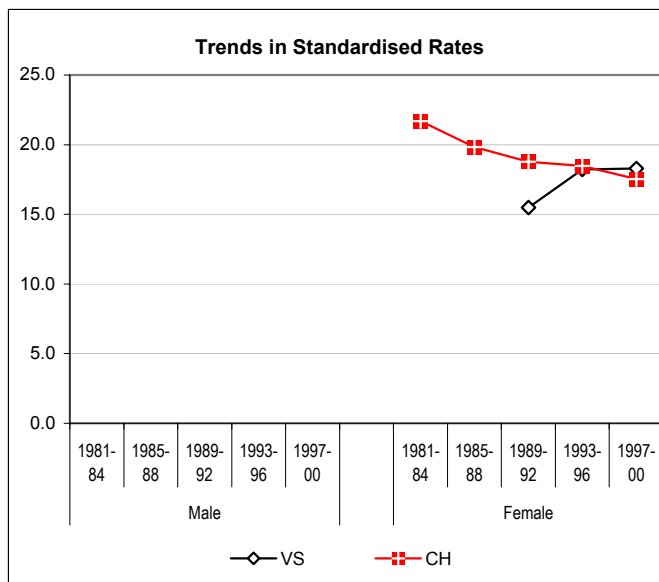
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      |       |       |       |       |
|        | 1993-96      |       |       |       |       |
|        | 1997-00      |       |       |       |       |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 14.97 | 49.59 | 65.37 | 28.24 |
|        | 1993-96      | 18.36 | 56.94 | 66.41 | 32.08 |
|        | 1997-00      | 15.87 | 60.06 | 93.74 | 34.48 |
| Male   | Annual Trend |       |       |       |       |
| Female | Annual Trend | 1.011 | 1.028 | 1.050 | 1.029 |



## European Standardized Rates by Period

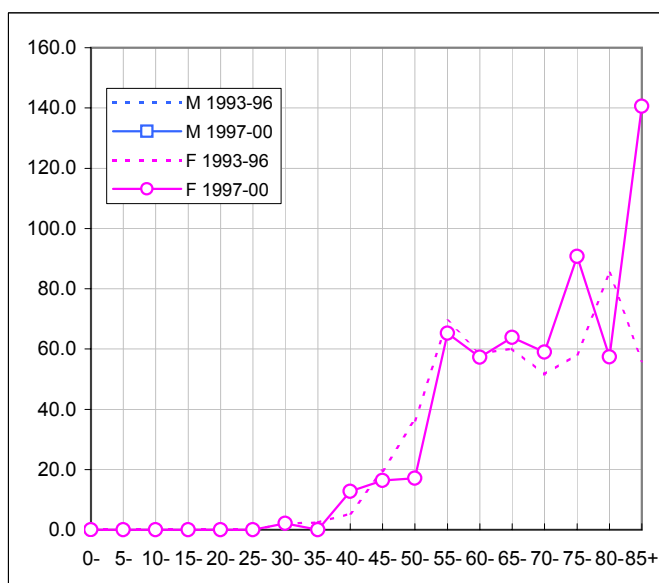
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       |       |
|        | 1985-88      |       |       |
|        | 1989-92      |       |       |
|        | 1993-96      |       |       |
|        | 1997-00      |       |       |
| Female | 1981-84      |       | 21.69 |
|        | 1985-88      |       | 19.83 |
|        | 1989-92      | 15.48 | 18.78 |
|        | 1993-96      | 18.23 | 18.46 |
|        | 1997-00      | 18.29 | 17.54 |
| Male   | Annual Trend |       |       |
| Female | Annual Trend | 1.025 | 0.987 |

Stars (\*) : statistically significant differences between VS and CH



## Age Specific Rates - Last Periods Compared

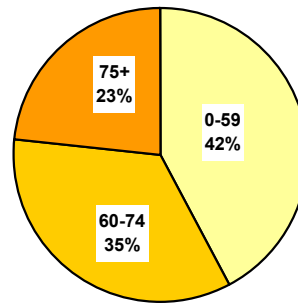
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         |         |         | 0.0     | 0.0     |
| 5-         |         |         | 0.0     | 0.0     |
| 10-        |         |         | 0.0     | 0.0     |
| 15-        |         |         | 0.0     | 0.0     |
| 20-        |         |         | 0.0     | 0.0     |
| 25-        |         |         | 0.0     | 0.0     |
| 30-        |         |         | 2.1     | 2.1     |
| 35-        |         |         | 2.5     | 0.0     |
| 40-        |         |         | 5.4     | 12.8    |
| 45-        |         |         | 19.6    | 16.4    |
| 50-        |         |         | 36.3    | 17.1    |
| 55-        |         |         | 69.4    | 65.2    |
| 60-        |         |         | 58.6    | 57.3    |
| 65-        |         |         | 60.2    | 63.9    |
| 70-        |         |         | 51.5    | 59.0    |
| 75-        |         |         | 58.2    | 90.8    |
| 80-        |         |         | 85.2    | 57.4    |
| 85+        |         |         | 56.0    | 140.5   |
| Crude Rate |         |         | 19.1    | 21.5    |



### 1.18. Ovary

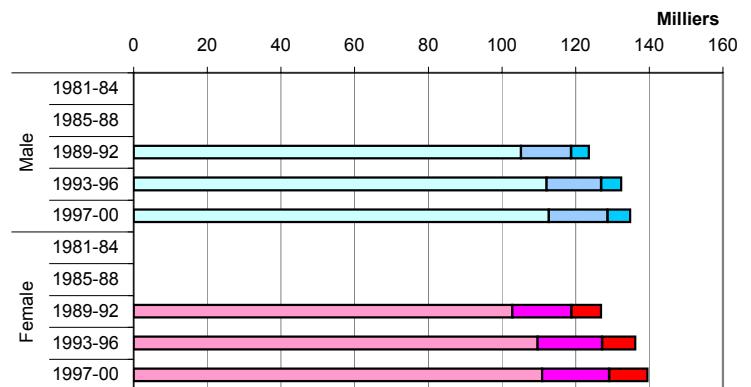
#### Number of New Cases

| Sex          | Period       | New cases by age group |            |           | Total      | Yearly average |
|--------------|--------------|------------------------|------------|-----------|------------|----------------|
|              |              | 0-59                   | 60-74      | 75+       |            |                |
| Male         | 1981-84      |                        |            |           |            |                |
|              | 1985-88      |                        |            |           |            |                |
|              | 1989-92      |                        |            |           |            |                |
|              | 1993-96      |                        |            |           |            |                |
|              | 1997-00      |                        |            |           |            |                |
| Female       | 1981-84      |                        |            |           |            |                |
|              | 1985-88      |                        |            |           |            |                |
|              | 1989-92      | 37                     | 24         | 20        | 81         | 20             |
|              | 1993-96      | 40                     | 32         | 19        | 91         | 23             |
|              | 1997-00      | 48                     | 47         | 30        | 125        | 31             |
| <b>Total</b> | <b>Total</b> | <b>125</b>             | <b>103</b> | <b>69</b> | <b>297</b> |                |



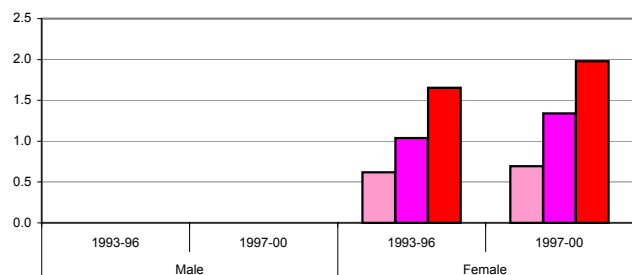
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

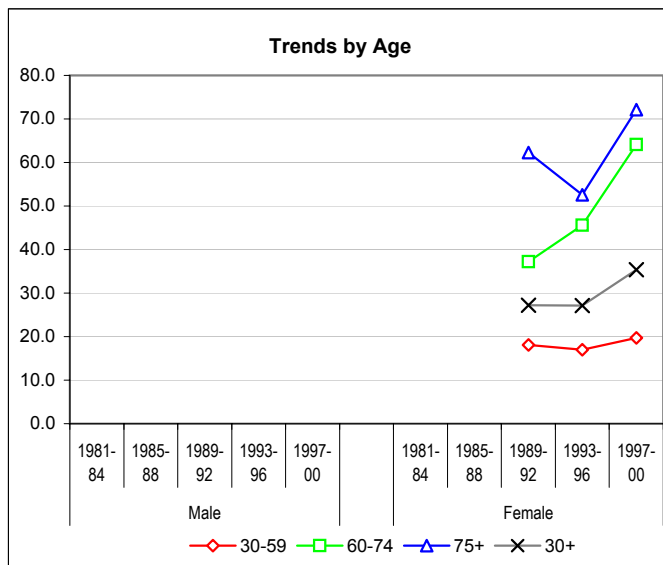
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 |      |      |      |
|        | 1997-00 |      |      |      |
| Female | 1993-96 | 0.62 | 1.04 | 1.65 |
|        | 1997-00 | 0.69 | 1.34 | 1.98 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

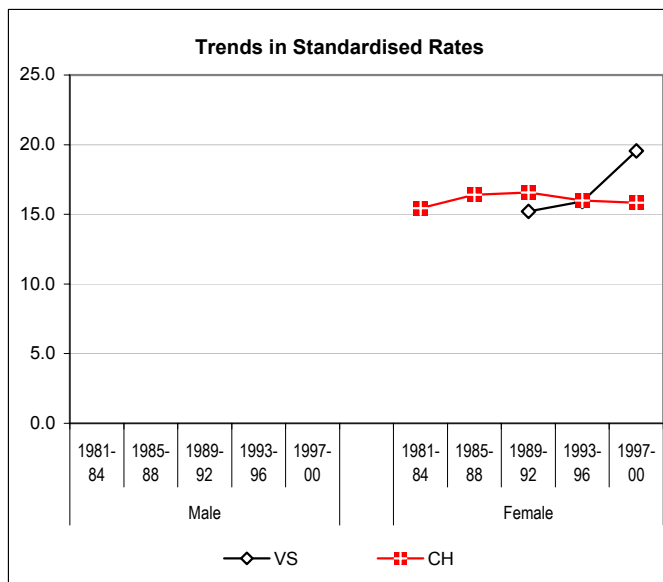
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      |       |       |       |       |
|        | 1993-96      |       |       |       |       |
|        | 1997-00      |       |       |       |       |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 18.07 | 37.19 | 62.25 | 27.21 |
|        | 1993-96      | 16.99 | 45.55 | 52.58 | 27.14 |
|        | 1997-00      | 19.73 | 64.15 | 72.11 | 35.34 |
| Male   | Annual Trend |       |       |       |       |
| Female | Annual Trend | 1.011 | 1.079 | 1.018 | 1.036 |



**European Standardized Rates by Period**

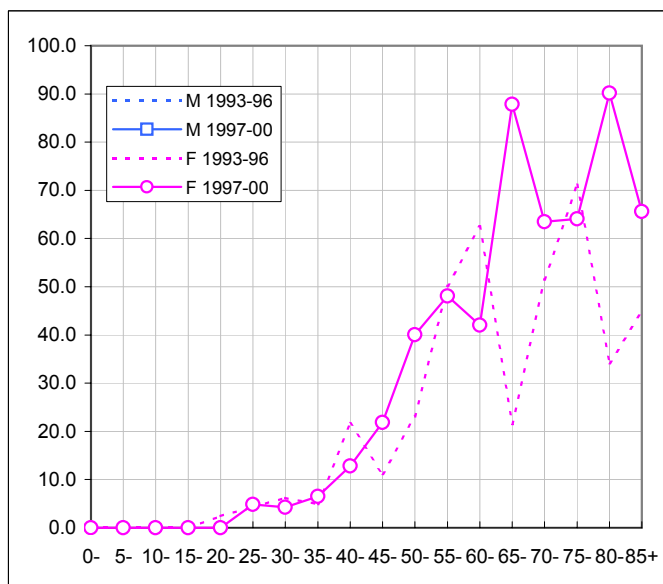
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         |       |
|        | 1985-88      |         |       |
|        | 1989-92      |         |       |
|        | 1993-96      |         |       |
|        | 1997-00      |         |       |
| Female | 1981-84      |         | 15.44 |
|        | 1985-88      |         | 16.40 |
|        | 1989-92      | 15.20   | 16.56 |
|        | 1993-96      | 15.92   | 16.00 |
|        | 1997-00      | 19.56 * | 15.83 |
| Male   | Annual Trend |         |       |
| Female | Annual Trend | 1.035   | 1.001 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

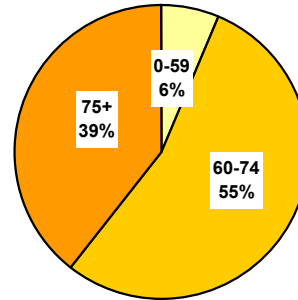
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         |         |         | 0.0     | 0.0     |
| 5-         |         |         | 0.0     | 0.0     |
| 10-        |         |         | 0.0     | 0.0     |
| 15-        |         |         | 0.0     | 0.0     |
| 20-        |         |         | 2.5     | 0.0     |
| 25-        |         |         | 4.3     | 4.9     |
| 30-        |         |         | 6.2     | 4.2     |
| 35-        |         |         | 4.9     | 6.5     |
| 40-        |         |         | 21.7    | 12.8    |
| 45-        |         |         | 11.2    | 21.9    |
| 50-        |         |         | 23.1    | 40.0    |
| 55-        |         |         | 50.1    | 48.1    |
| 60-        |         |         | 62.5    | 42.0    |
| 65-        |         |         | 21.5    | 87.8    |
| 70-        |         |         | 51.5    | 63.5    |
| 75-        |         |         | 71.1    | 64.1    |
| 80-        |         |         | 34.1    | 90.2    |
| 85+        |         |         | 44.8    | 65.6    |
| Crude Rate |         |         | 16.7    | 22.4    |



### 1.19. Prostate

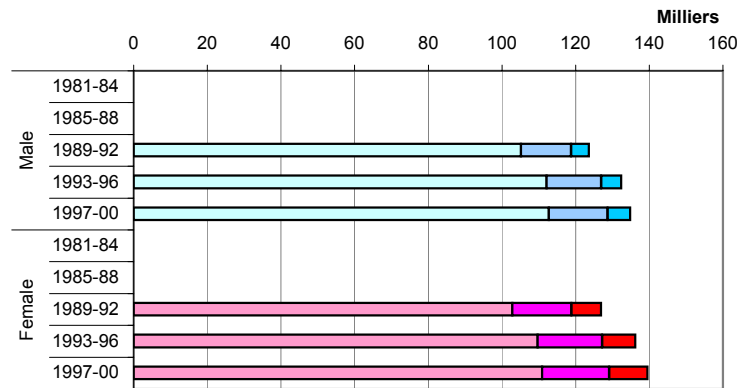
#### Number of New Cases

| Sex          | Period       | New cases by age group |            |            | Total        | Yearly average |
|--------------|--------------|------------------------|------------|------------|--------------|----------------|
|              |              | 0-59                   | 60-74      | 75+        |              |                |
| Male         | 1981-84      |                        |            |            |              |                |
|              | 1985-88      |                        |            |            |              |                |
|              | 1989-92      | 19                     | 179        | 165        | 363          | 91             |
|              | 1993-96      | 34                     | 306        | 202        | 542          | 136            |
|              | 1997-00      | 38                     | 289        | 195        | 522          | 131            |
| Female       | 1981-84      |                        |            |            |              |                |
|              | 1985-88      |                        |            |            |              |                |
|              | 1989-92      |                        |            |            |              |                |
|              | 1993-96      |                        |            |            |              |                |
|              | 1997-00      |                        |            |            |              |                |
| <b>Total</b> | <b>Total</b> | <b>91</b>              | <b>774</b> | <b>562</b> | <b>1'427</b> |                |



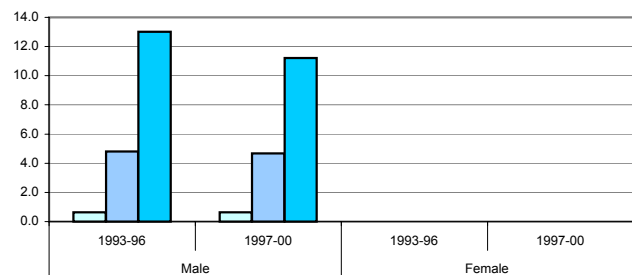
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

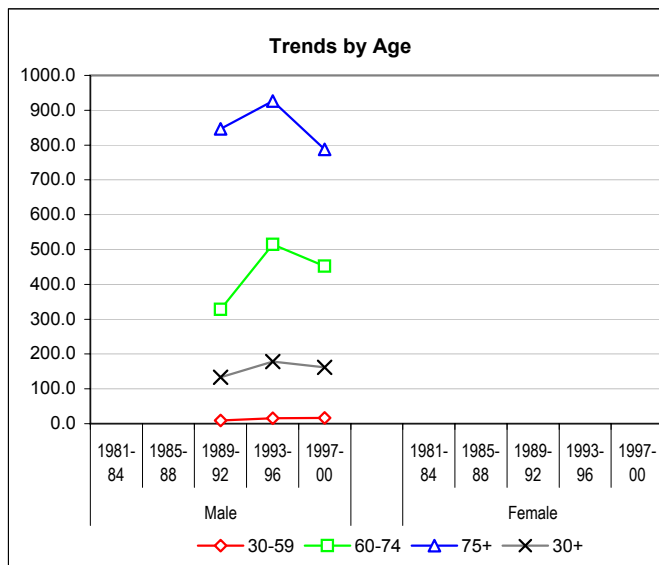
| Sex    | Period  | Age  |      |       |
|--------|---------|------|------|-------|
|        |         | 0-59 | 0-69 | 0-79  |
| Male   | 1993-96 | 0.63 | 4.80 | 13.02 |
|        | 1997-00 | 0.63 | 4.68 | 11.22 |
| Female | 1993-96 |      |      |       |
|        | 1997-00 |      |      |       |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

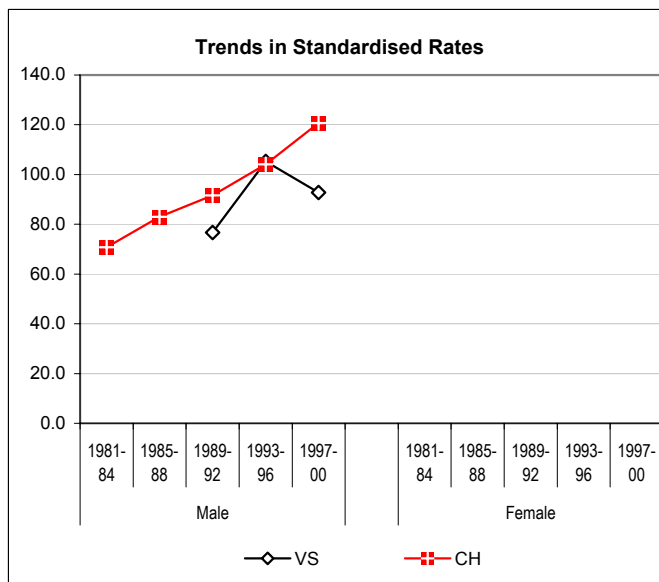
| Sex    | Period       | 30-59 | 60-74     | 75+    | 30+       |
|--------|--------------|-------|-----------|--------|-----------|
| Male   | 1981-84      |       |           |        |           |
|        | 1985-88      |       |           |        |           |
|        | 1989-92      | 9.62  | 328.43    | 846.85 | 133.67    |
|        | 1993-96      | 15.30 | 514.43 ** | 926.35 | 178.56 ** |
|        | 1997-00      | 16.19 | 452.34    | 787.69 | 161.45 *  |
| Female | 1981-84      |       |           |        |           |
|        | 1985-88      |       |           |        |           |
|        | 1989-92      |       |           |        |           |
|        | 1993-96      |       |           |        |           |
|        | 1997-00      |       |           |        |           |
| Male   | Annual Trend | 1.080 | 1.051     | 0.991  | 1.030     |
| Female | Annual Trend |       |           |        |           |



**European Standardized Rates by Period**

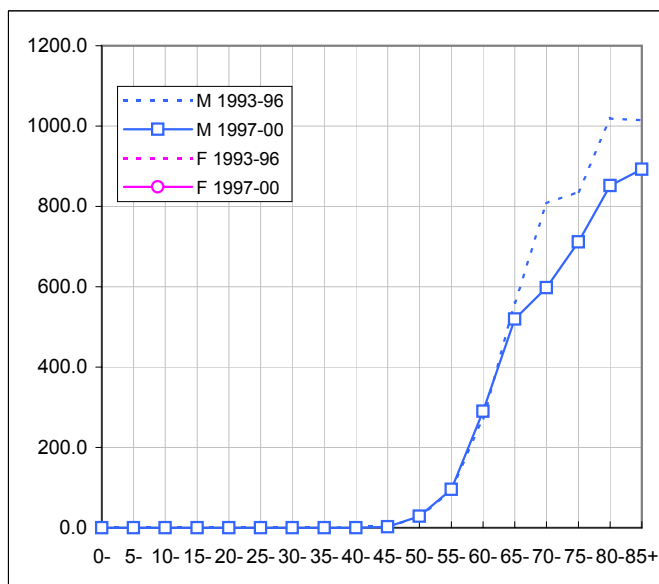
| Sex    | Period       | VS      | CH     |
|--------|--------------|---------|--------|
| Male   | 1981-84      |         | 70.73  |
|        | 1985-88      |         | 83.01  |
|        | 1989-92      | 76.75 * | 91.60  |
|        | 1993-96      | 105.25  | 104.14 |
|        | 1997-00      | 92.76 * | 120.64 |
| Female | 1981-84      |         |        |
|        | 1985-88      |         |        |
|        | 1989-92      |         |        |
|        | 1993-96      |         |        |
|        | 1997-00      |         |        |
| Male   | Annual Trend | 1.030   | 1.035  |
| Female | Annual Trend |         |        |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

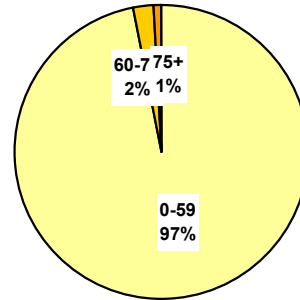
| Age        | M 1993-96 | M 1997-00 | F 1993-96 | F 1997-00 |
|------------|-----------|-----------|-----------|-----------|
| 0-         | 0.0       | 0.0       |           |           |
| 5-         | 0.0       | 0.0       |           |           |
| 10-        | 0.0       | 0.0       |           |           |
| 15-        | 0.0       | 0.0       |           |           |
| 20-        | 0.0       | 0.0       |           |           |
| 25-        | 0.0       | 0.0       |           |           |
| 30-        | 0.0       | 0.0       |           |           |
| 35-        | 0.0       | 0.0       |           |           |
| 40-        | 2.6       | 0.0       |           |           |
| 45-        | 5.4       | 2.7       |           |           |
| 50-        | 22.9      | 28.3      |           |           |
| 55-        | 95.2      | 95.7      |           |           |
| 60-        | 272.8     | 289.7     |           |           |
| 65-        | 560.2     | 519.4     |           |           |
| 70-        | 808.0     | 597.4     |           |           |
| 75-        | 836.4     | 711.2     |           |           |
| 80-        | 1019.4    | 851.9     |           |           |
| 85+        | 1015.4    | 892.3     |           |           |
| Crude Rate | 102.3     | 96.7      |           |           |



## 1.20. Testis

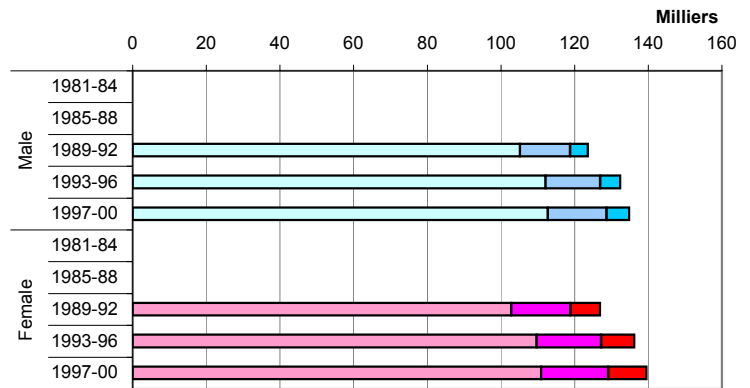
### Number of New Cases

| Sex          | Period       | New cases by age group |          |          | Total      | Yearly average |
|--------------|--------------|------------------------|----------|----------|------------|----------------|
|              |              | 0-59                   | 60-74    | 75+      |            |                |
| Male         | 1981-84      |                        |          |          |            |                |
|              | 1985-88      |                        |          |          |            |                |
|              | 1989-92      | 40                     | 3        | 0        | 43         | 11             |
|              | 1993-96      | 50                     | 0        | 0        | 50         | 13             |
|              | 1997-00      | 40                     | 0        | 1        | 41         | 10             |
| Female       | 1981-84      |                        |          |          |            |                |
|              | 1985-88      |                        |          |          |            |                |
|              | 1989-92      |                        |          |          |            |                |
|              | 1993-96      |                        |          |          |            |                |
|              | 1997-00      |                        |          |          |            |                |
| <b>Total</b> | <b>Total</b> | <b>130</b>             | <b>3</b> | <b>1</b> | <b>134</b> |                |



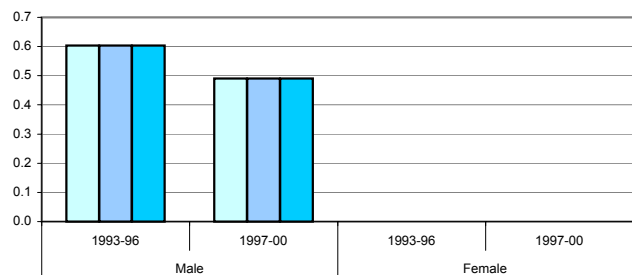
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

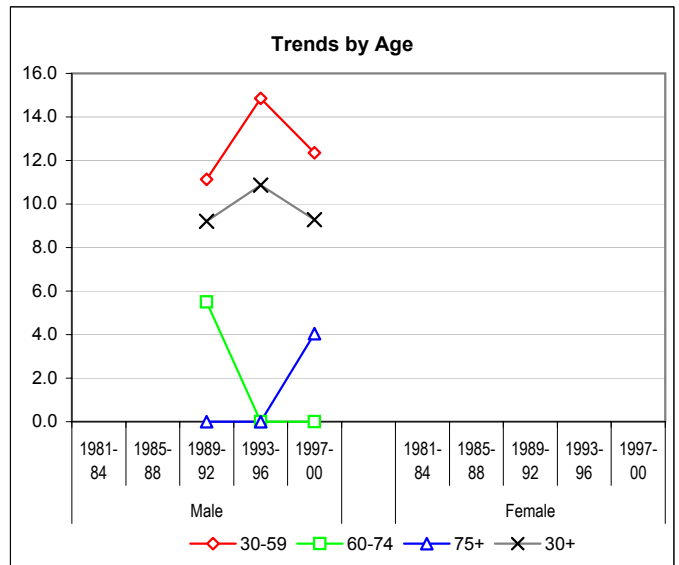
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.60 | 0.60 | 0.60 |
|        | 1997-00 | 0.49 | 0.49 | 0.49 |
| Female | 1993-96 |      |      |      |
|        | 1997-00 |      |      |      |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

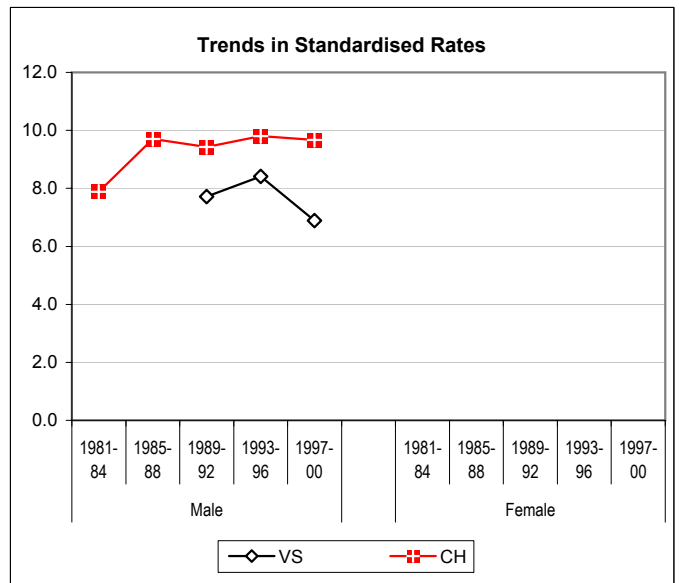
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 11.14 | 5.51  | 0.00  | 9.21  |
|        | 1993-96      | 14.85 | 0.00  | 0.00  | 10.87 |
|        | 1997-00      | 12.36 | 0.00  | 4.04  | 9.28  |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      |       |       |       |       |
|        | 1993-96      |       |       |       |       |
|        | 1997-00      |       |       |       |       |
| Male   | Annual Trend | 1.018 | 0.278 | 3.072 | 1.003 |
| Female | Annual Trend |       |       |       |       |



**European Standardized Rates by Period**

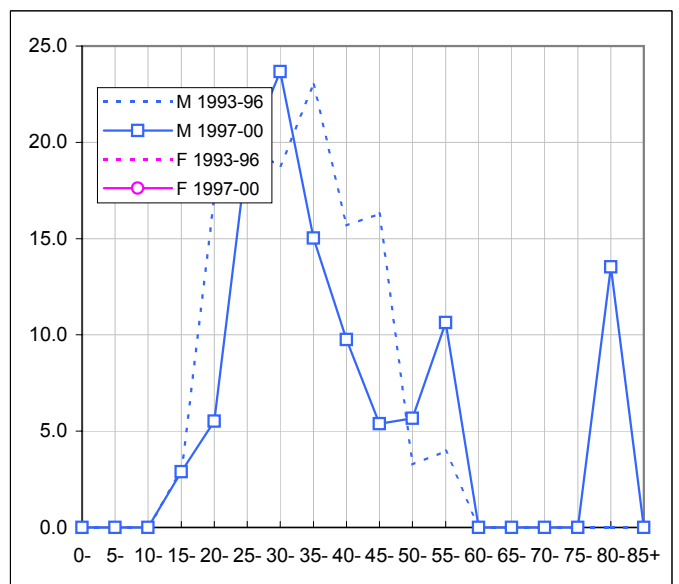
| Sex    | Period       | VS     | CH    |
|--------|--------------|--------|-------|
| Male   | 1981-84      |        | 7.88  |
|        | 1985-88      |        | 9.71  |
|        | 1989-92      | 7.72   | 9.42  |
|        | 1993-96      | 8.42   | 9.81  |
|        | 1997-00      | 6.89 * | 9.67  |
| Female | 1981-84      |        |       |
|        | 1985-88      |        |       |
|        | 1989-92      |        |       |
|        | 1993-96      |        |       |
|        | 1997-00      |        |       |
| Male   | Annual Trend | 0.986  | 1.011 |
| Female | Annual Trend |        |       |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

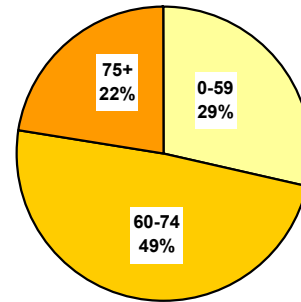
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     |         |         |
| 5-         | 0.0     | 0.0     |         |         |
| 10-        | 0.0     | 0.0     |         |         |
| 15-        | 2.9     | 2.9     |         |         |
| 20-        | 17.1    | 5.5     |         |         |
| 25-        | 19.7    | 19.5    |         |         |
| 30-        | 18.8    | 23.7    |         |         |
| 35-        | 23.0    | 15.0    |         |         |
| 40-        | 15.7    | 9.8     |         |         |
| 45-        | 16.3    | 5.4     |         |         |
| 50-        | 3.3     | 5.7     |         |         |
| 55-        | 4.0     | 10.6    |         |         |
| 60-        | 0.0     | 0.0     |         |         |
| 65-        | 0.0     | 0.0     |         |         |
| 70-        | 0.0     | 0.0     |         |         |
| 75-        | 0.0     | 0.0     |         |         |
| 80-        | 0.0     | 13.5    |         |         |
| 85+        | 0.0     | 0.0     |         |         |
| Crude Rate | 9.4     | 7.6     |         |         |



## 1.21. Kidney & Urinary Organs

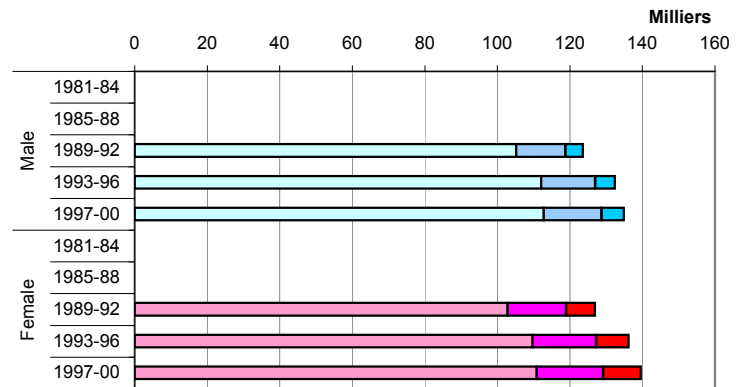
### Number of New Cases

| Sex          | Period       | New cases by age group |            |           | Rounded Total | Yearly average |
|--------------|--------------|------------------------|------------|-----------|---------------|----------------|
|              |              | 0-59                   | 60-74      | 75+       |               |                |
| Male         | 1981-84      |                        |            |           |               |                |
|              | 1985-88      |                        |            |           |               |                |
|              | 1989-92      | 22                     | 38         | 8         | 68            | 17             |
|              | 1993-96      | 23                     | 35         | 11        | 69            | 17             |
|              | 1997-00      | 23                     | 37         | 18        | 78            | 20             |
| Female       | 1981-84      |                        |            |           |               |                |
|              | 1985-88      |                        |            |           |               |                |
|              | 1989-92      | 11                     | 22         | 15        | 48            | 12             |
|              | 1993-96      | 15                     | 24         | 18        | 57            | 14             |
|              | 1997-00      | 10                     | 21         | 11        | 42            | 11             |
| <b>Total</b> | <b>Total</b> | <b>104</b>             | <b>177</b> | <b>81</b> | <b>362</b>    |                |



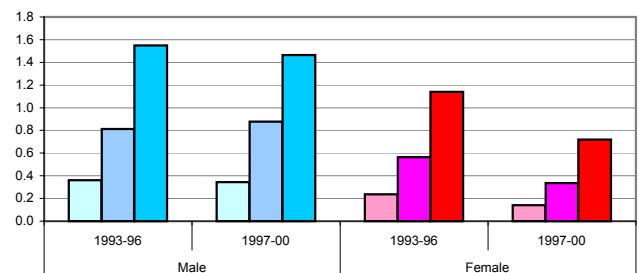
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

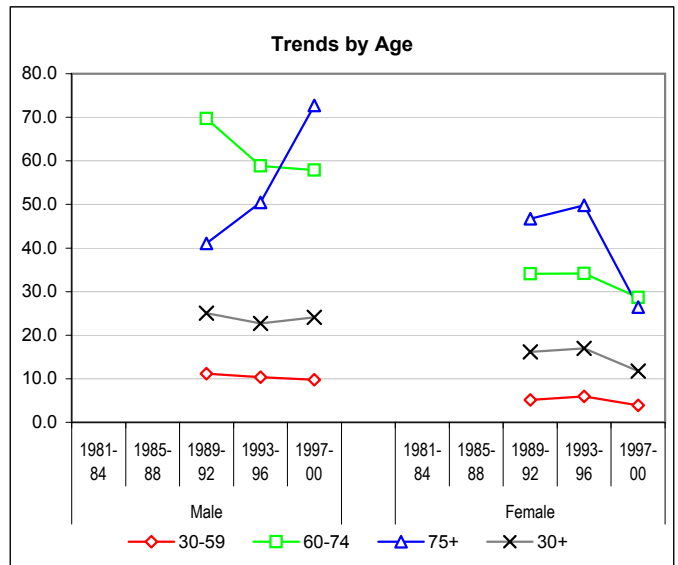
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.36 | 0.81 | 1.55 |
|        | 1997-00 | 0.34 | 0.88 | 1.46 |
| Female | 1993-96 | 0.24 | 0.56 | 1.14 |
|        | 1997-00 | 0.14 | 0.34 | 0.72 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

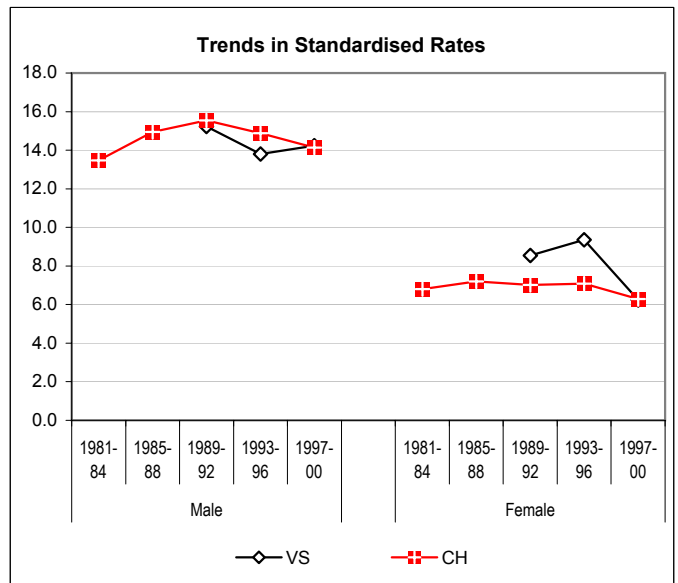
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 11.14 | 69.72 | 41.06 | 25.04 |
|        | 1993-96      | 10.35 | 58.84 | 50.45 | 22.73 |
|        | 1997-00      | 9.80  | 57.91 | 72.71 | 24.13 |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 5.16  | 34.09 | 46.69 | 16.19 |
|        | 1993-96      | 5.97  | 34.17 | 49.81 | 16.97 |
|        | 1997-00      | 3.86  | 28.66 | 26.44 | 11.78 |
| Male   | Annual Trend | 0.982 | 0.973 | 1.083 | 0.994 |
| Female | Annual Trend | 0.963 | 0.977 | 0.927 | 0.959 |



**European Standardized Rates by Period**

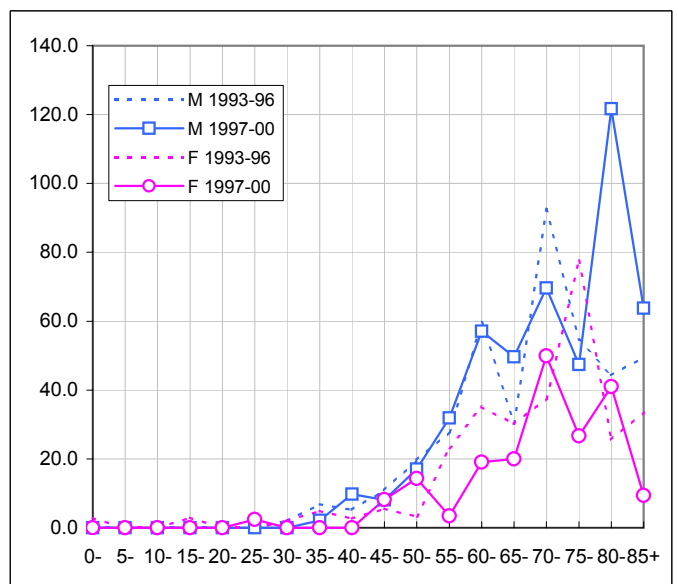
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 13.47 |
|        | 1985-88      |       | 14.95 |
|        | 1989-92      | 15.23 | 15.55 |
|        | 1993-96      | 13.80 | 14.89 |
|        | 1997-00      | 14.24 | 14.14 |
| Female | 1981-84      |       | 6.79  |
|        | 1985-88      |       | 7.20  |
|        | 1989-92      | 8.54  | 7.02  |
|        | 1993-96      | 9.35  | 7.09  |
|        | 1997-00      | 6.24  | 6.29  |
| Male   | Annual Trend | 0.990 | 1.003 |
| Female | Annual Trend | 0.960 | 0.996 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

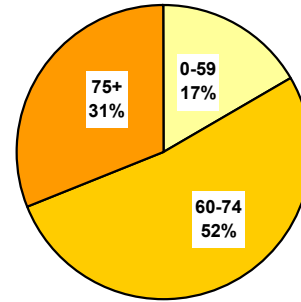
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 2.9     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 3.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 2.4     |
| 30-        | 2.1     | 0.0     | 2.1     | 0.0     |
| 35-        | 6.9     | 2.1     | 4.9     | 0.0     |
| 40-        | 5.2     | 9.8     | 2.7     | 0.0     |
| 45-        | 10.9    | 8.1     | 5.6     | 8.2     |
| 50-        | 19.6    | 17.0    | 3.3     | 14.3    |
| 55-        | 27.8    | 31.9    | 23.1    | 3.4     |
| 60-        | 59.7    | 57.1    | 35.1    | 19.1    |
| 65-        | 30.3    | 49.7    | 30.1    | 20.0    |
| 70-        | 92.5    | 69.6    | 37.5    | 49.9    |
| 75-        | 54.6    | 47.4    | 77.6    | 26.7    |
| 80-        | 44.3    | 121.7   | 25.6    | 41.0    |
| 85+        | 49.5    | 63.7    | 33.6    | 9.4     |
| Crude Rate | 13.0    | 14.5    | 10.5    | 7.5     |



## 1.22. Bladder

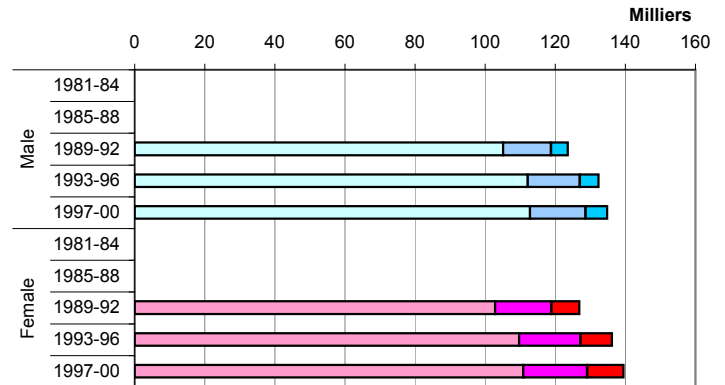
### Number of New Cases

| Sex          | Period       | New cases by age group |            |            | Rounded Total | Yearly average |
|--------------|--------------|------------------------|------------|------------|---------------|----------------|
|              |              | 0-59                   | 60-74      | 75+        |               |                |
| Male         | 1981-84      |                        |            |            |               |                |
|              | 1985-88      |                        |            |            |               |                |
|              | 1989-92      | 22                     | 54         | 20         | 96            | 24             |
|              | 1993-96      | 18                     | 64         | 30         | 112           | 28             |
|              | 1997-00      | 14                     | 63         | 44         | 121           | 30             |
| Female       | 1981-84      |                        |            |            |               |                |
|              | 1985-88      |                        |            |            |               |                |
|              | 1989-92      | 6                      | 10         | 9          | 25            | 6              |
|              | 1993-96      | 6                      | 10         | 13         | 29            | 7              |
|              | 1997-00      | 3                      | 14         | 12         | 29            | 7              |
| <b>Total</b> | <b>Total</b> | <b>69</b>              | <b>215</b> | <b>128</b> | <b>412</b>    |                |



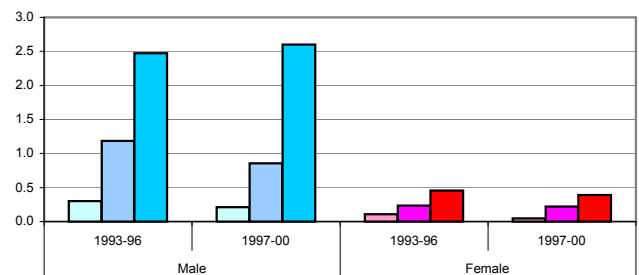
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

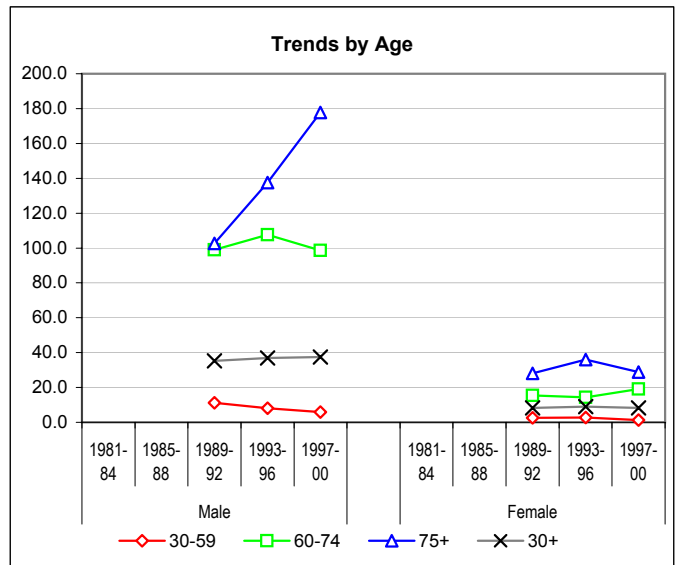
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.30 | 1.19 | 2.47 |
|        | 1997-00 | 0.21 | 0.86 | 2.60 |
| Female | 1993-96 | 0.11 | 0.23 | 0.46 |
|        | 1997-00 | 0.05 | 0.22 | 0.39 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

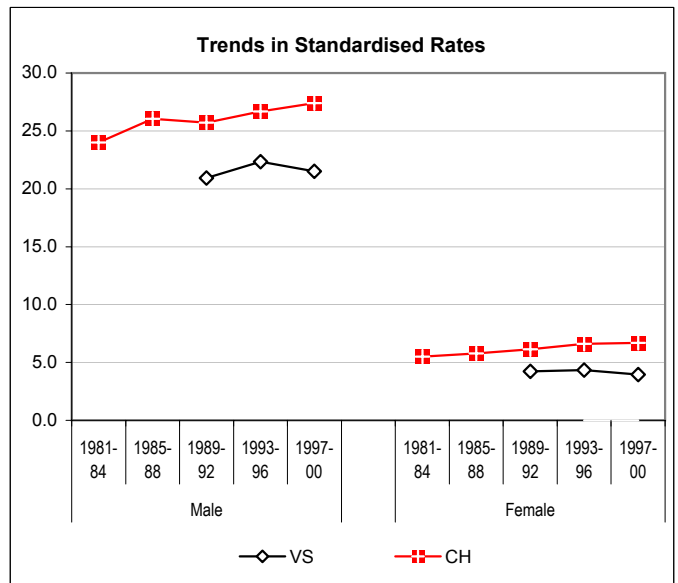
| Sex    | Period       | 30-59 | 60-74  | 75+    | 30+   |
|--------|--------------|-------|--------|--------|-------|
| Male   | 1981-84      |       |        |        |       |
|        | 1985-88      |       |        |        |       |
|        | 1989-92      | 11.14 | 99.08  | 102.65 | 35.35 |
|        | 1993-96      | 8.10  | 107.59 | 137.58 | 36.90 |
|        | 1997-00      | 5.97  | 98.61  | 177.74 | 37.43 |
| Female | 1981-84      |       |        |        |       |
|        | 1985-88      |       |        |        |       |
|        | 1989-92      | 2.58  | 15.50  | 28.01  | 8.27  |
|        | 1993-96      | 2.76  | 14.24  | 35.97  | 8.95  |
|        | 1997-00      | 1.29  | 19.11  | 28.84  | 8.33  |
| Male   | Annual Trend | 0.915 | 1.000  | 1.081  | 1.008 |
| Female | Annual Trend | 0.911 | 1.028  | 1.007  | 1.002 |



**European Standardized Rates by Period**

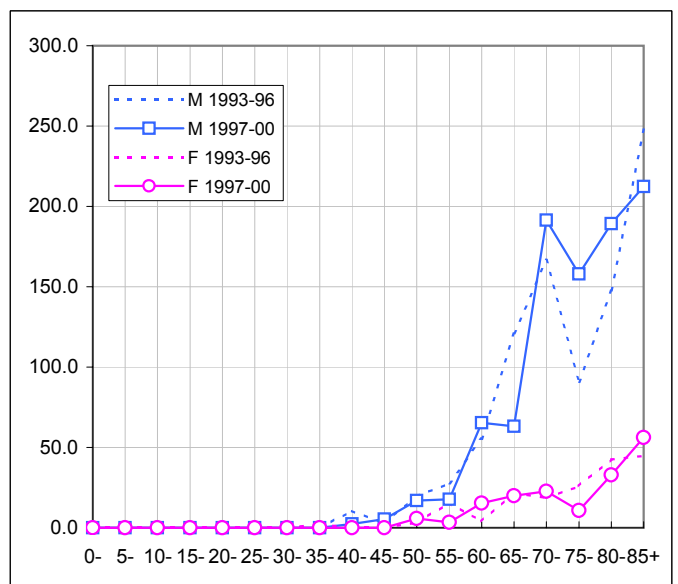
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 23.99 |
|        | 1985-88      |         | 26.05 |
|        | 1989-92      | 20.93 * | 25.71 |
|        | 1993-96      | 22.35   | 26.70 |
|        | 1997-00      | 21.52 * | 27.41 |
| Female | 1981-84      |         | 5.52  |
|        | 1985-88      |         | 5.78  |
|        | 1989-92      | 4.23    | 6.14  |
|        | 1993-96      | 4.34 *  | 6.60  |
|        | 1997-00      | 3.95 *  | 6.68  |
| Male   | Annual Trend | 1.005   | 1.008 |
| Female | Annual Trend | 0.991   | 1.014 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

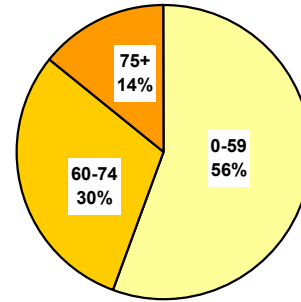
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 2.5     | 0.0     |
| 40-        | 10.5    | 2.4     | 0.0     | 0.0     |
| 45-        | 2.7     | 5.4     | 0.0     | 0.0     |
| 50-        | 19.6    | 17.0    | 3.3     | 5.7     |
| 55-        | 27.8    | 17.7    | 15.4    | 3.4     |
| 60-        | 55.4    | 65.3    | 3.9     | 15.3    |
| 65-        | 121.1   | 63.2    | 21.5    | 20.0    |
| 70-        | 166.5   | 191.4   | 18.7    | 22.7    |
| 75-        | 90.9    | 158.1   | 25.9    | 10.7    |
| 80-        | 147.7   | 189.3   | 42.6    | 32.8    |
| 85+        | 247.6   | 212.4   | 44.8    | 56.2    |
| Crude Rate | 21.1    | 22.4    | 5.3     | 5.2     |



### 1.23. Brain & Central Nerves

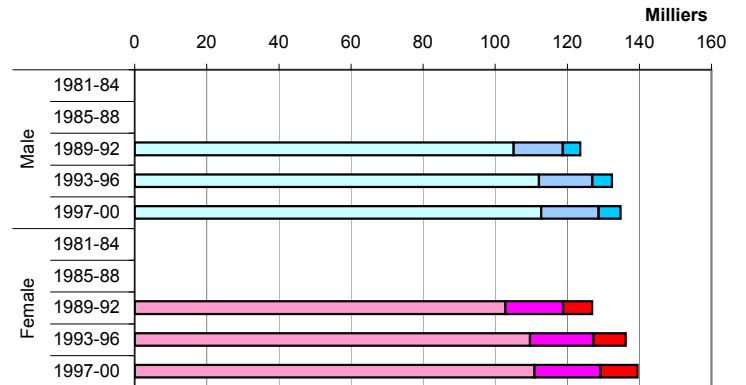
#### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Rounded Total | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|---------------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |               |                |
| Male         | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 15                     | 7         | 4         | 26            | 7              |
|              | 1993-96      | 30                     | 11        | 2         | 43            | 11             |
|              | 1997-00      | 16                     | 13        | 3         | 32            | 8              |
| Female       | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 11                     | 3         | 5         | 19            | 5              |
|              | 1993-96      | 13                     | 8         | 3         | 24            | 6              |
|              | 1997-00      | 12                     | 11        | 8         | 31            | 8              |
| <b>Total</b> | <b>Total</b> | <b>97</b>              | <b>53</b> | <b>25</b> | <b>175</b>    |                |



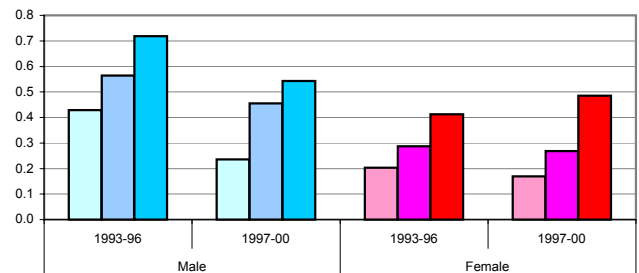
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

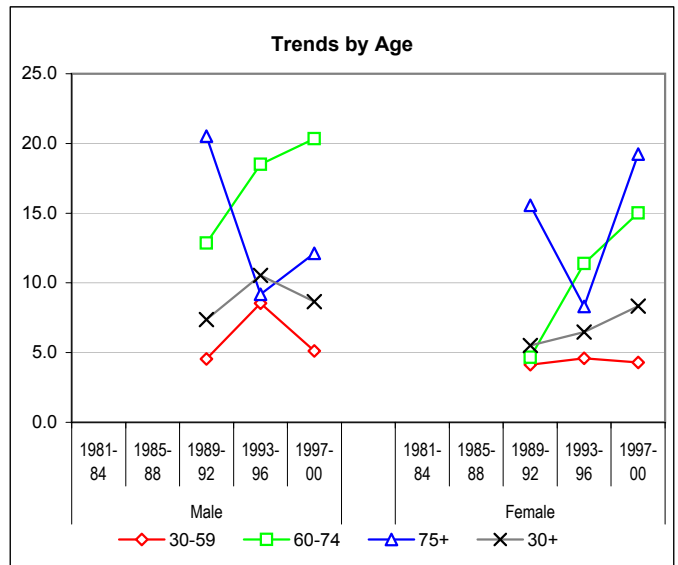
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.43 | 0.56 | 0.72 |
|        | 1997-00 | 0.24 | 0.46 | 0.54 |
| Female | 1993-96 | 0.20 | 0.29 | 0.41 |
|        | 1997-00 | 0.17 | 0.27 | 0.48 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

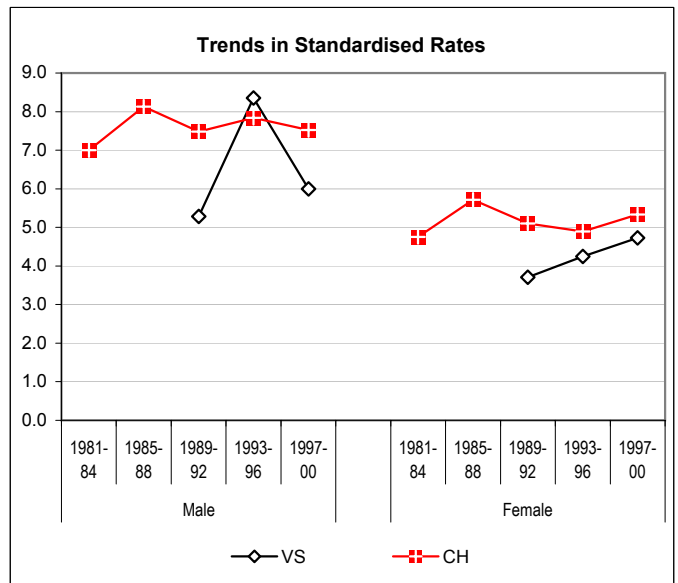
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 4.56  | 12.84 | 20.53 | 7.37  |
|        | 1993-96      | 8.55  | 18.49 | 9.17  | 10.54 |
|        | 1997-00      | 5.11  | 20.35 | 12.12 | 8.66  |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 4.13  | 4.65  | 15.56 | 5.51  |
|        | 1993-96      | 4.59  | 11.39 | 8.30  | 6.48  |
|        | 1997-00      | 4.29  | 15.01 | 19.23 | 8.33  |
| Male   | Annual Trend | 1.024 | 1.069 | 0.921 | 1.027 |
| Female | Annual Trend | 1.007 | 1.186 | 1.020 | 1.060 |



**European Standardized Rates by Period**

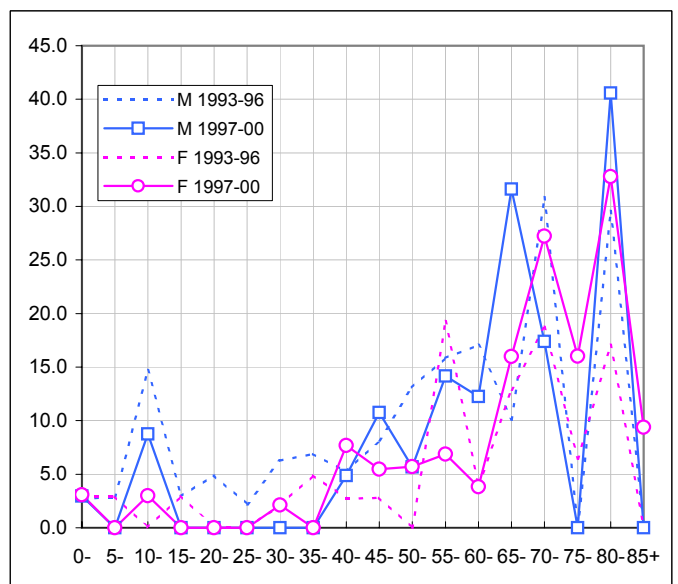
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 7.00  |
|        | 1985-88      |       | 8.13  |
|        | 1989-92      | 5.28  | 7.48  |
|        | 1993-96      | 8.35  | 7.83  |
|        | 1997-00      | 6.00  | 7.52  |
| Female | 1981-84      |       | 4.75  |
|        | 1985-88      |       | 5.72  |
|        | 1989-92      | 3.71  | 5.10  |
|        | 1993-96      | 4.25  | 4.90  |
|        | 1997-00      | 4.73  | 5.34  |
| Male   | Annual Trend | 1.024 | 1.003 |
| Female | Annual Trend | 1.035 | 1.002 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

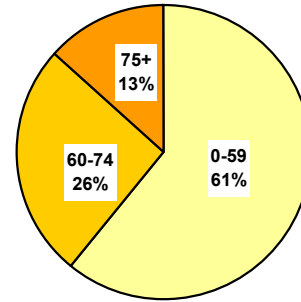
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 2.7     | 3.0     | 2.9     | 3.1     |
| 5-         | 2.9     | 0.0     | 2.9     | 0.0     |
| 10-        | 14.7    | 8.8     | 0.0     | 3.0     |
| 15-        | 2.9     | 0.0     | 3.0     | 0.0     |
| 20-        | 4.9     | 0.0     | 0.0     | 0.0     |
| 25-        | 2.2     | 0.0     | 0.0     | 0.0     |
| 30-        | 6.3     | 0.0     | 2.1     | 2.1     |
| 35-        | 6.9     | 0.0     | 4.9     | 0.0     |
| 40-        | 5.2     | 4.9     | 2.7     | 7.7     |
| 45-        | 8.1     | 10.8    | 2.8     | 5.5     |
| 50-        | 13.1    | 5.7     | 0.0     | 5.7     |
| 55-        | 15.9    | 14.2    | 19.3    | 6.9     |
| 60-        | 17.1    | 12.2    | 3.9     | 3.8     |
| 65-        | 10.1    | 31.6    | 12.9    | 16.0    |
| 70-        | 30.8    | 17.4    | 18.7    | 27.2    |
| 75-        | 0.0     | 0.0     | 6.5     | 16.0    |
| 80-        | 29.5    | 40.6    | 17.0    | 32.8    |
| 85+        | 0.0     | 0.0     | 0.0     | 9.4     |
| Crude Rate | 8.1     | 5.9     | 4.4     | 5.6     |



### 1.24. Thyroid

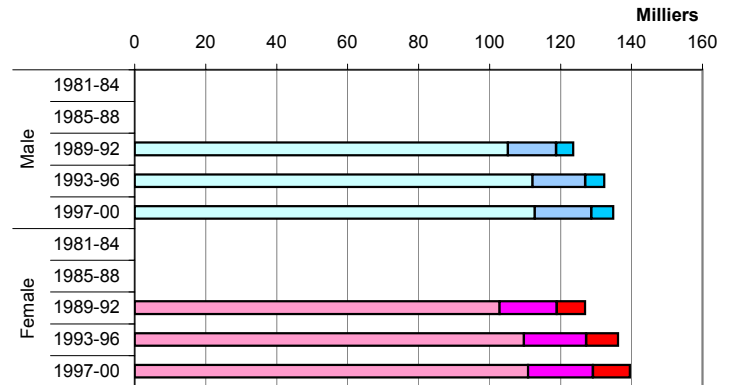
#### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Rounded Total | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|---------------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |               |                |
| Male         | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 6                      | 4         | 0         | 10            | 3              |
|              | 1993-96      | 5                      | 7         | 0         | 12            | 3              |
|              | 1997-00      | 6                      | 7         | 1         | 14            | 4              |
| Female       | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 13                     | 4         | 4         | 21            | 5              |
|              | 1993-96      | 27                     | 7         | 6         | 40            | 10             |
|              | 1997-00      | 30                     | 8         | 8         | 46            | 12             |
| <b>Total</b> | <b>Total</b> | <b>87</b>              | <b>37</b> | <b>19</b> | <b>143</b>    |                |



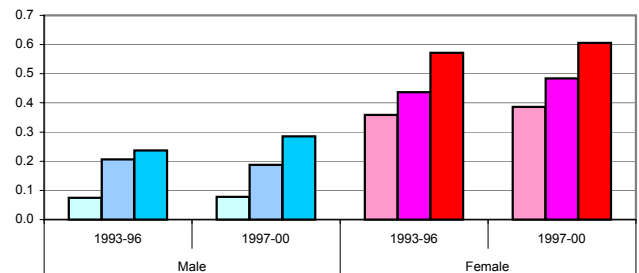
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

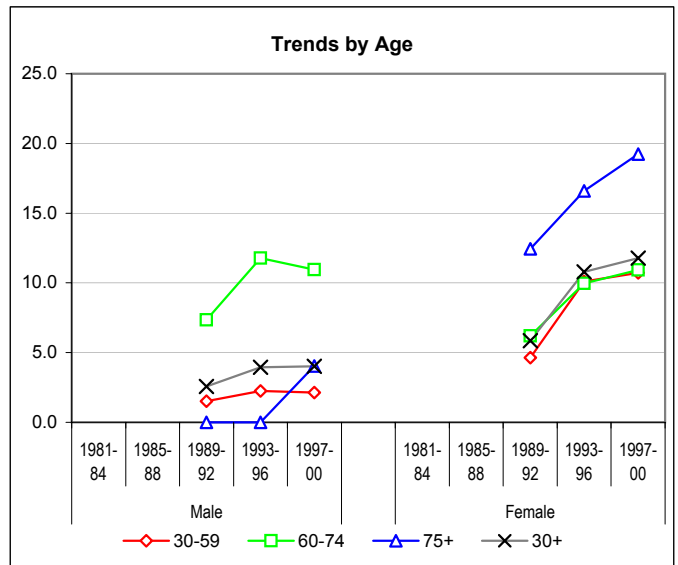
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.07 | 0.21 | 0.24 |
|        | 1997-00 | 0.08 | 0.19 | 0.29 |
| Female | 1993-96 | 0.36 | 0.44 | 0.57 |
|        | 1997-00 | 0.39 | 0.48 | 0.61 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

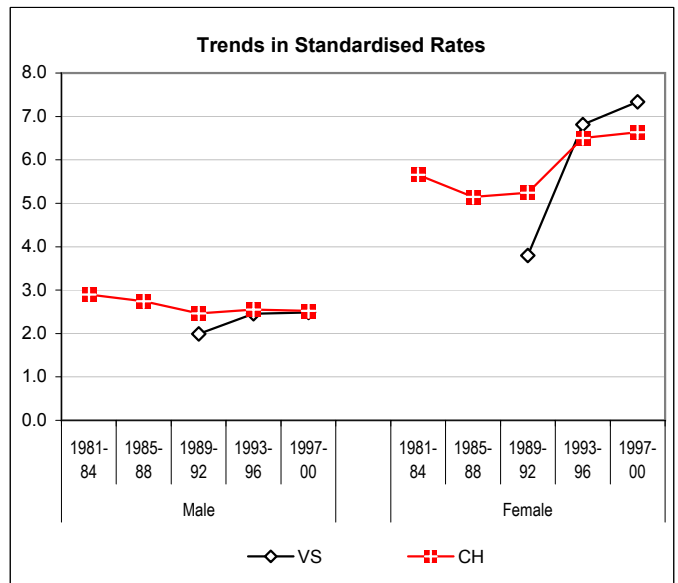
| Sex    | Period       | 30-59   | 60-74 | 75+   | 30+     |
|--------|--------------|---------|-------|-------|---------|
| Male   | 1981-84      |         |       |       |         |
|        | 1985-88      |         |       |       |         |
|        | 1989-92      | 1.52    | 7.34  | 0.00  | 2.58    |
|        | 1993-96      | 2.25    | 11.77 | 0.00  | 3.95    |
|        | 1997-00      | 2.13    | 10.96 | 4.04  | 4.02    |
| Female | 1981-84      |         |       |       |         |
|        | 1985-88      |         |       |       |         |
|        | 1989-92      | 4.65    | 6.20  | 12.45 | 5.86    |
|        | 1993-96      | 10.10 * | 9.97  | 16.60 | 10.80 * |
|        | 1997-00      | 10.72   | 10.92 | 19.23 | 11.78   |
| Male   | Annual Trend | 1.052   | 1.062 | 3.072 | 1.068   |
| Female | Annual Trend | 1.131   | 1.086 | 1.065 | 1.108   |



**European Standardized Rates by Period**

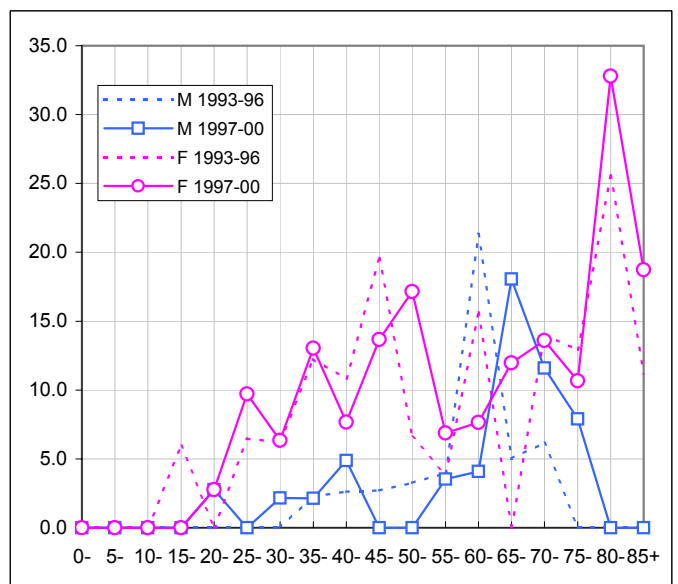
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 2.90  |
|        | 1985-88      |       | 2.75  |
|        | 1989-92      | 1.99  | 2.47  |
|        | 1993-96      | 2.45  | 2.55  |
|        | 1997-00      | 2.48  | 2.53  |
| Female | 1981-84      |       | 5.65  |
|        | 1985-88      |       | 5.15  |
|        | 1989-92      | 3.79  | 5.24  |
|        | 1993-96      | 6.81  | 6.50  |
|        | 1997-00      | 7.33  | 6.64  |
| Male   | Annual Trend | 1.033 | 0.991 |
| Female | Annual Trend | 1.102 | 1.014 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

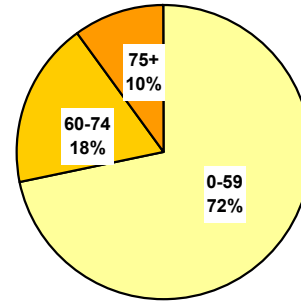
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 6.0     | 0.0     |
| 20-        | 0.0     | 2.8     | 0.0     | 2.8     |
| 25-        | 0.0     | 0.0     | 6.4     | 9.7     |
| 30-        | 0.0     | 2.2     | 6.2     | 6.3     |
| 35-        | 2.3     | 2.1     | 12.3    | 13.0    |
| 40-        | 2.6     | 4.9     | 10.8    | 7.7     |
| 45-        | 2.7     | 0.0     | 19.6    | 13.7    |
| 50-        | 3.3     | 0.0     | 6.6     | 17.1    |
| 55-        | 4.0     | 3.5     | 3.9     | 6.9     |
| 60-        | 21.3    | 4.1     | 15.6    | 7.6     |
| 65-        | 5.0     | 18.1    | 0.0     | 12.0    |
| 70-        | 6.2     | 11.6    | 14.0    | 13.6    |
| 75-        | 0.0     | 7.9     | 12.9    | 10.7    |
| 80-        | 0.0     | 0.0     | 25.6    | 32.8    |
| 85+        | 0.0     | 0.0     | 11.2    | 18.7    |
| Crude Rate | 2.3     | 2.6     | 7.3     | 8.2     |



### 1.25. Hodgkin's Disease

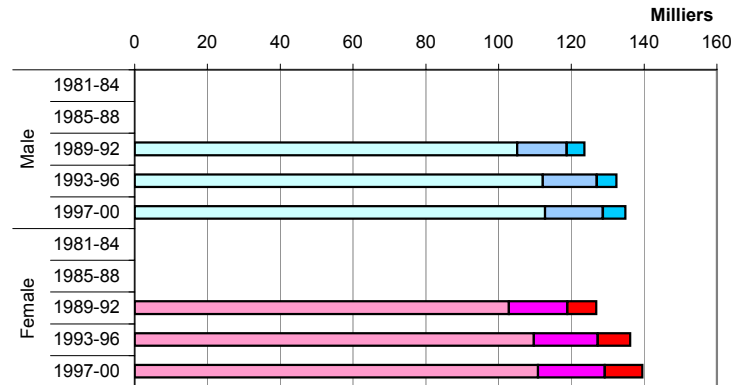
#### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Rounded Total | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|---------------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |               |                |
| Male         | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 6                      | 4         | 0         | 10            | 3              |
|              | 1993-96      | 24                     | 1         | 1         | 26            | 7              |
|              | 1997-00      | 14                     | 2         | 4         | 20            | 5              |
| Female       | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 11                     | 3         | 1         | 15            | 4              |
|              | 1993-96      | 12                     | 3         | 1         | 16            | 4              |
|              | 1997-00      | 4                      | 5         | 3         | 12            | 3              |
| <b>Total</b> | <b>Total</b> | <b>71</b>              | <b>18</b> | <b>10</b> | <b>99</b>     |                |



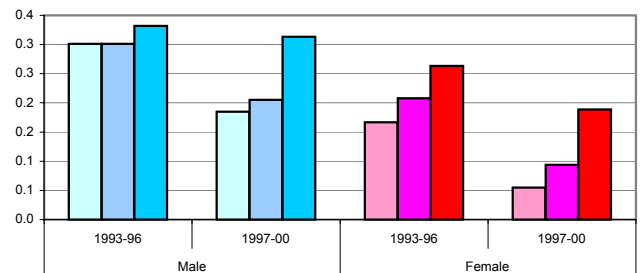
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



#### Cumulated Rates (in %) by Age - Two Last Periods

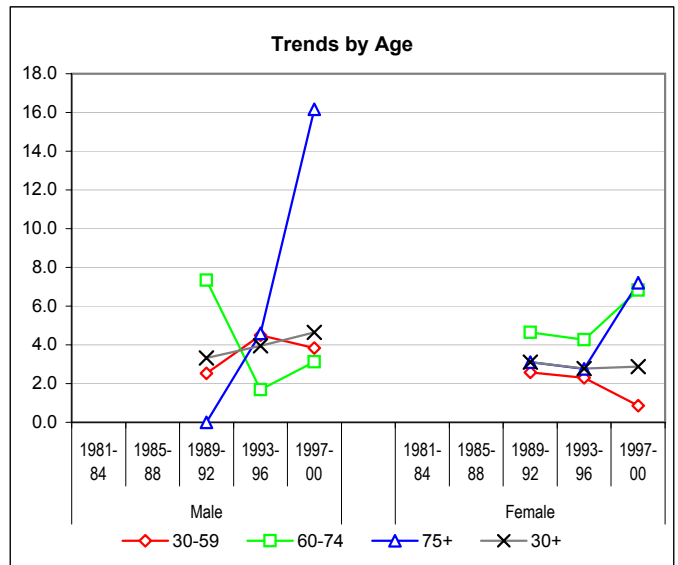
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.30 | 0.30 | 0.33 |
|        | 1997-00 | 0.18 | 0.21 | 0.31 |
| Female | 1993-96 | 0.17 | 0.21 | 0.26 |
|        | 1997-00 | 0.05 | 0.09 | 0.19 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

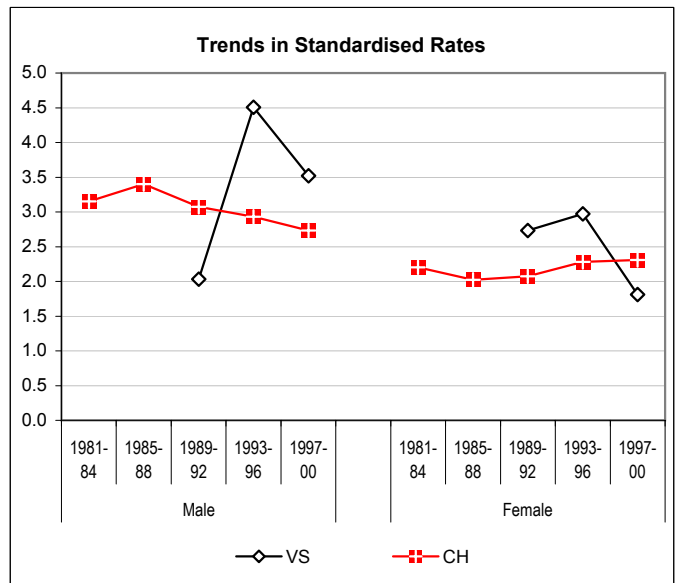
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 2.53  | 7.34  | 0.00  | 3.32  |
|        | 1993-96      | 4.50  | 1.68  | 4.59  | 3.95  |
|        | 1997-00      | 3.84  | 3.13  | 16.16 | 4.64  |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      | 2.58  | 4.65  | 3.11  | 3.10  |
|        | 1993-96      | 2.30  | 4.27  | 2.77  | 2.78  |
|        | 1997-00      | 0.86  | 6.83  | 7.21  | 2.87  |
| Male   | Annual Trend | 1.066 | 0.874 | 4.151 | 1.049 |
| Female | Annual Trend | 0.860 | 1.052 | 1.118 | 0.988 |



**European Standardized Rates by Period**

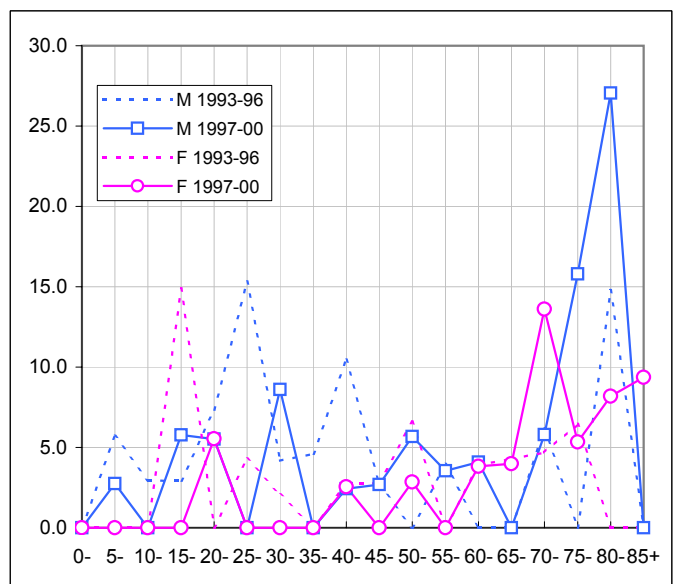
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 3.15  |
|        | 1985-88      |       | 3.40  |
|        | 1989-92      | 2.03  | 3.07  |
|        | 1993-96      | 4.51  | 2.93  |
|        | 1997-00      | 3.52  | 2.73  |
| Female | 1981-84      |       | 2.20  |
|        | 1985-88      |       | 2.02  |
|        | 1989-92      | 2.73  | 2.08  |
|        | 1993-96      | 2.97  | 2.28  |
|        | 1997-00      | 1.81  | 2.31  |
| Male   | Annual Trend | 1.089 | 0.989 |
| Female | Annual Trend | 0.947 | 1.006 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

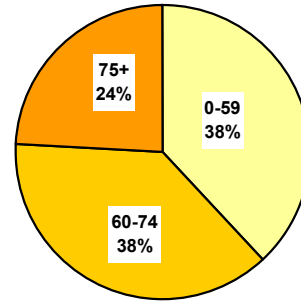
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 5.7     | 2.7     | 0.0     | 0.0     |
| 10-        | 2.9     | 0.0     | 0.0     | 0.0     |
| 15-        | 2.9     | 5.8     | 14.9    | 0.0     |
| 20-        | 7.3     | 5.5     | 0.0     | 5.5     |
| 25-        | 15.3    | 0.0     | 4.3     | 0.0     |
| 30-        | 4.2     | 8.6     | 2.1     | 0.0     |
| 35-        | 4.6     | 0.0     | 0.0     | 0.0     |
| 40-        | 10.5    | 2.4     | 2.7     | 2.6     |
| 45-        | 2.7     | 2.7     | 2.8     | 0.0     |
| 50-        | 0.0     | 5.7     | 6.6     | 2.9     |
| 55-        | 4.0     | 3.5     | 0.0     | 0.0     |
| 60-        | 0.0     | 4.1     | 3.9     | 3.8     |
| 65-        | 0.0     | 0.0     | 4.3     | 4.0     |
| 70-        | 6.2     | 5.8     | 4.7     | 13.6    |
| 75-        | 0.0     | 15.8    | 6.5     | 5.3     |
| 80-        | 14.8    | 27.0    | 0.0     | 8.2     |
| 85+        | 0.0     | 0.0     | 0.0     | 9.4     |
| Crude Rate | 4.9     | 3.7     | 2.9     | 2.1     |



## 1.26. Non Hodgkin Lymphoma

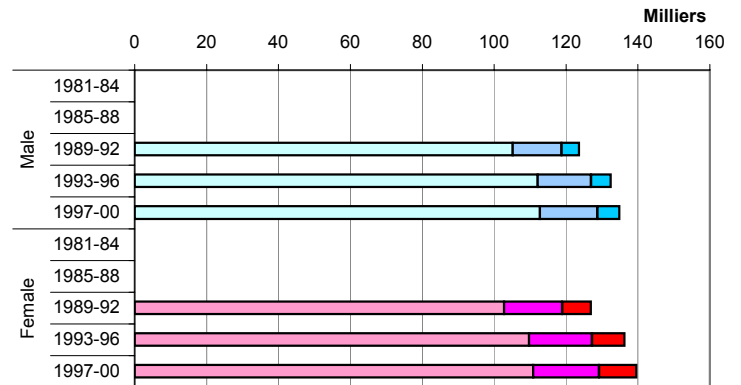
### Number of New Cases

| Sex          | Period       | New cases by age group |            |           | Rounded Total | Yearly average |
|--------------|--------------|------------------------|------------|-----------|---------------|----------------|
|              |              | 0-59                   | 60-74      | 75+       |               |                |
| Male         | 1981-84      |                        |            |           |               |                |
|              | 1985-88      |                        |            |           |               |                |
|              | 1989-92      | 28                     | 18         | 13        | 59            | 15             |
|              | 1993-96      | 31                     | 24         | 12        | 67            | 17             |
|              | 1997-00      | 39                     | 31         | 26        | 96            | 24             |
| Female       | 1981-84      |                        |            |           |               |                |
|              | 1985-88      |                        |            |           |               |                |
|              | 1989-92      | 18                     | 17         | 10        | 45            | 11             |
|              | 1993-96      | 20                     | 19         | 13        | 52            | 13             |
|              | 1997-00      | 10                     | 35         | 19        | 64            | 16             |
| <b>Total</b> | <b>Total</b> | <b>146</b>             | <b>144</b> | <b>93</b> | <b>383</b>    |                |



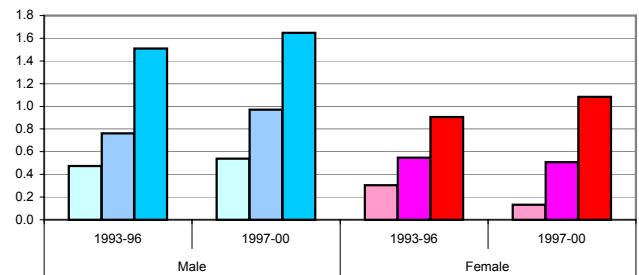
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

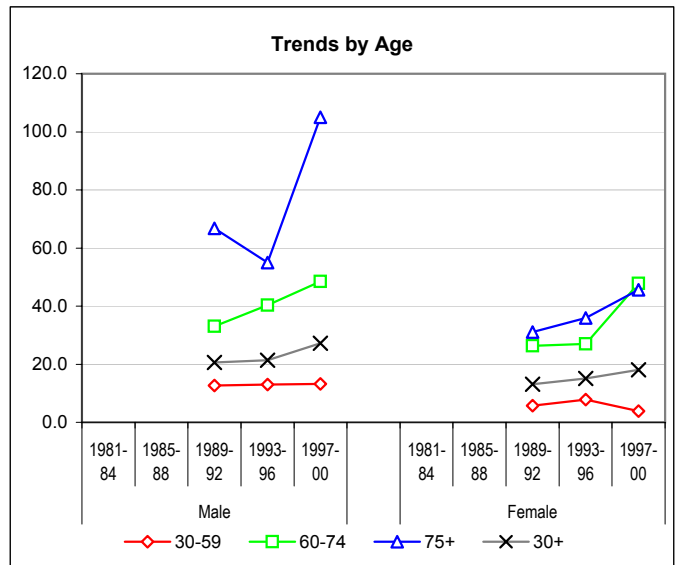
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.47 | 0.76 | 1.51 |
|        | 1997-00 | 0.54 | 0.97 | 1.65 |
| Female | 1993-96 | 0.30 | 0.55 | 0.90 |
|        | 1997-00 | 0.13 | 0.51 | 1.08 |



Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

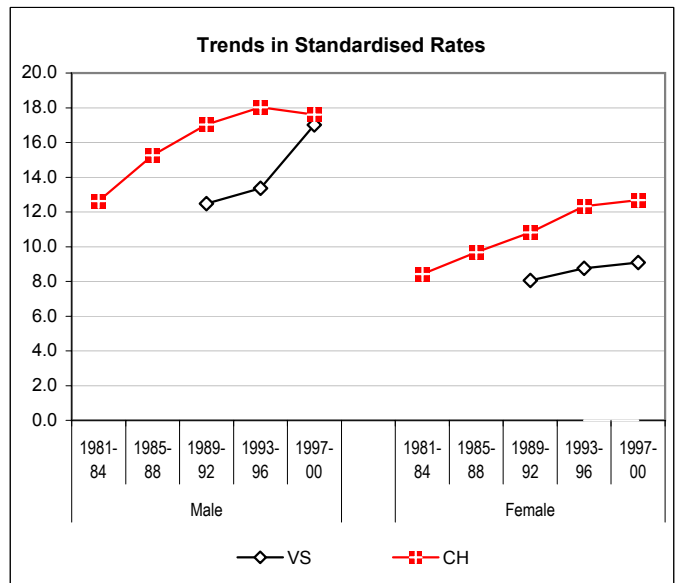
| Sex    | Period       | 30-59 | 60-74   | 75+    | 30+   |
|--------|--------------|-------|---------|--------|-------|
| Male   | 1981-84      |       |         |        |       |
|        | 1985-88      |       |         |        |       |
|        | 1989-92      | 12.65 | 33.03   | 66.72  | 20.62 |
|        | 1993-96      | 13.05 | 40.35   | 55.03  | 21.42 |
|        | 1997-00      | 13.21 | 48.52   | 105.03 | 27.22 |
| Female | 1981-84      |       |         |        |       |
|        | 1985-88      |       |         |        |       |
|        | 1989-92      | 5.68  | 26.34   | 31.13  | 13.09 |
|        | 1993-96      | 7.81  | 27.05   | 35.97  | 15.11 |
|        | 1997-00      | 3.86  | 47.77 * | 45.67  | 18.10 |
| Male   | Annual Trend | 1.006 | 1.056   | 1.060  | 1.039 |
| Female | Annual Trend | 0.953 | 1.084   | 1.055  | 1.047 |



European Standardized Rates by Period

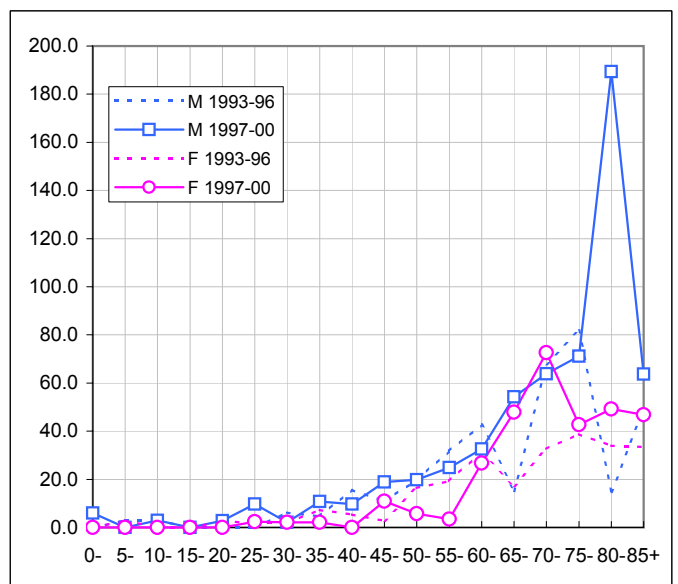
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         | 12.63 |
|        | 1985-88      |         | 15.26 |
|        | 1989-92      | 12.48 * | 17.04 |
|        | 1993-96      | 13.36   | 18.02 |
|        | 1997-00      | 17.00   | 17.60 |
| Female | 1981-84      |         | 8.42  |
|        | 1985-88      |         | 9.67  |
|        | 1989-92      | 8.05    | 10.82 |
|        | 1993-96      | 8.76 *  | 12.33 |
|        | 1997-00      | 9.09 *  | 12.68 |
| Male   | Annual Trend | 1.044   | 1.023 |
| Female | Annual Trend | 1.018   | 1.029 |

Stars (\*) : statistically significant differences between VS and CH



Age Specific Rates - Last Periods Compared

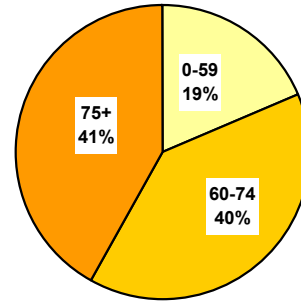
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 5.9     | 0.0     | 0.0     |
| 5-         | 2.9     | 0.0     | 2.9     | 0.0     |
| 10-        | 2.9     | 2.9     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 2.8     | 2.5     | 0.0     |
| 25-        | 0.0     | 9.8     | 2.1     | 2.4     |
| 30-        | 6.3     | 2.2     | 2.1     | 2.1     |
| 35-        | 4.6     | 10.7    | 7.4     | 2.2     |
| 40-        | 15.7    | 9.8     | 5.4     | 0.0     |
| 45-        | 10.9    | 18.8    | 2.8     | 10.9    |
| 50-        | 19.6    | 19.8    | 16.5    | 5.7     |
| 55-        | 31.7    | 24.8    | 19.3    | 3.4     |
| 60-        | 42.6    | 32.6    | 31.2    | 26.7    |
| 65-        | 15.1    | 54.2    | 17.2    | 47.9    |
| 70-        | 67.9    | 63.8    | 32.8    | 72.6    |
| 75-        | 81.8    | 71.1    | 38.8    | 42.7    |
| 80-        | 14.8    | 189.3   | 34.1    | 49.2    |
| 85+        | 49.5    | 63.7    | 33.6    | 46.8    |
| Crude Rate | 12.6    | 17.8    | 9.5     | 11.5    |



## 1.27. Multiple Myeloma

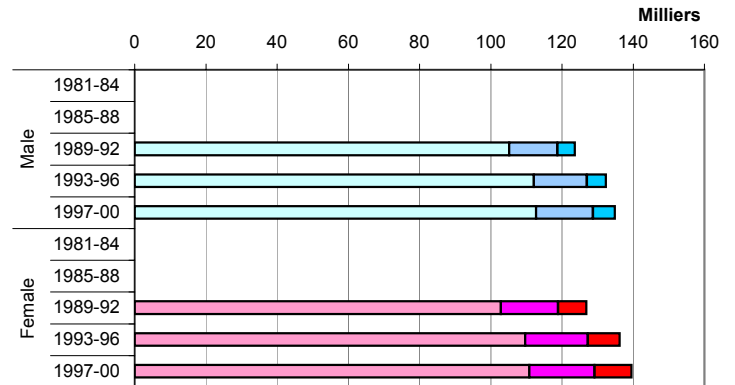
### Number of New Cases

| Sex          | Period       | New cases by age group |           |           | Rounded Total | Yearly average |
|--------------|--------------|------------------------|-----------|-----------|---------------|----------------|
|              |              | 0-59                   | 60-74     | 75+       |               |                |
| Male         | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 5                      | 11        | 15        | 31            | 8              |
|              | 1993-96      | 6                      | 15        | 7         | 28            | 7              |
|              | 1997-00      | 8                      | 8         | 9         | 25            | 6              |
| Female       | 1981-84      |                        |           |           |               |                |
|              | 1985-88      |                        |           |           |               |                |
|              | 1989-92      | 2                      | 11        | 9         | 22            | 6              |
|              | 1993-96      | 6                      | 11        | 16        | 33            | 8              |
|              | 1997-00      | 4                      | 10        | 14        | 28            | 7              |
| <b>Total</b> | <b>Total</b> | <b>31</b>              | <b>66</b> | <b>70</b> | <b>167</b>    |                |



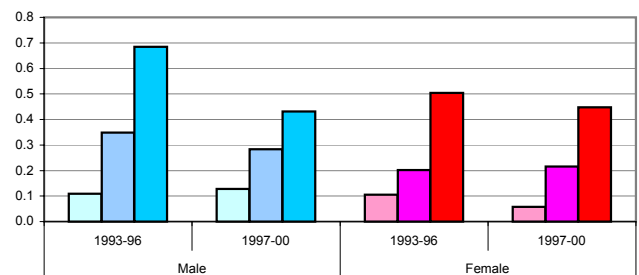
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

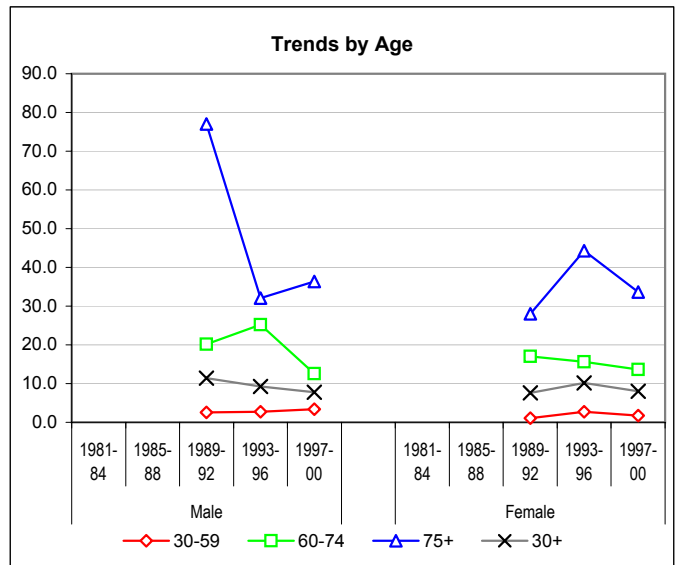
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.11 | 0.35 | 0.69 |
|        | 1997-00 | 0.13 | 0.28 | 0.43 |
| Female | 1993-96 | 0.10 | 0.20 | 0.50 |
|        | 1997-00 | 0.06 | 0.22 | 0.45 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

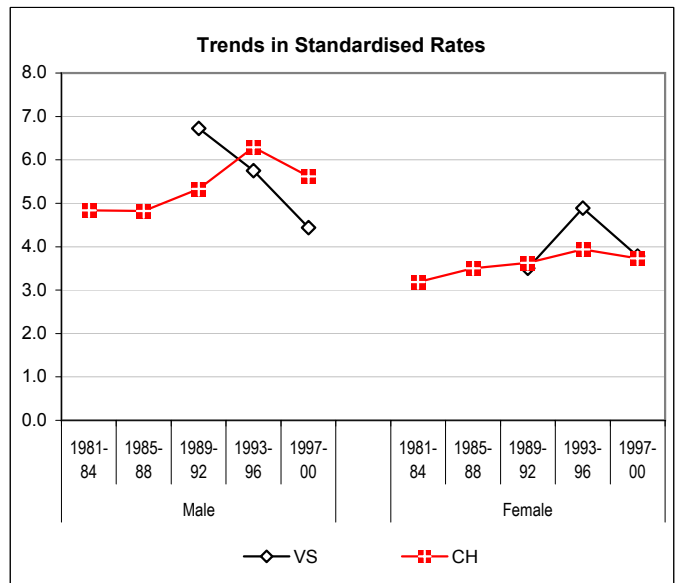
| Sex    | Period       | 30-59 | 60-74 | 75+     | 30+   |
|--------|--------------|-------|-------|---------|-------|
| Male   | 1981-84      |       |       |         |       |
|        | 1985-88      |       |       |         |       |
|        | 1989-92      | 2.53  | 20.18 | 76.99   | 11.42 |
|        | 1993-96      | 2.70  | 25.22 | 32.10 * | 9.23  |
|        | 1997-00      | 3.41  | 12.52 | 36.36   | 7.73  |
| Female | 1981-84      |       |       |         |       |
|        | 1985-88      |       |       |         |       |
|        | 1989-92      | 1.03  | 17.05 | 28.01   | 7.58  |
|        | 1993-96      | 2.76  | 15.66 | 44.28   | 10.18 |
|        | 1997-00      | 1.72  | 13.65 | 33.65   | 8.05  |
| Male   | Annual Trend | 1.042 | 0.940 | 0.893   | 0.946 |
| Female | Annual Trend | 1.085 | 0.969 | 1.031   | 1.012 |



**European Standardized Rates by Period**

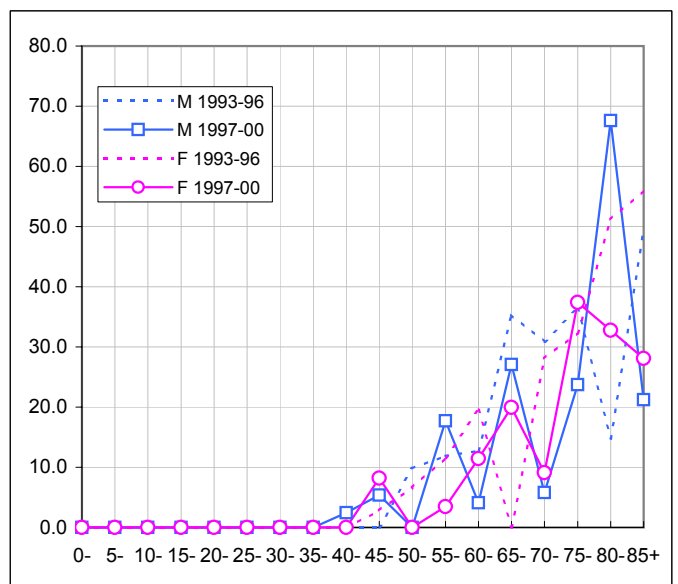
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 4.83  |
|        | 1985-88      |       | 4.82  |
|        | 1989-92      | 6.72  | 5.33  |
|        | 1993-96      | 5.75  | 6.29  |
|        | 1997-00      | 4.44  | 5.62  |
| Female | 1981-84      |       | 3.18  |
|        | 1985-88      |       | 3.50  |
|        | 1989-92      | 3.51  | 3.62  |
|        | 1993-96      | 4.89  | 3.94  |
|        | 1997-00      | 3.78  | 3.73  |
| Male   | Annual Trend | 0.943 | 1.015 |
| Female | Annual Trend | 1.015 | 1.012 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

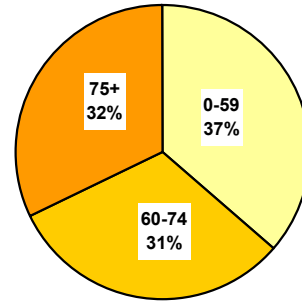
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 2.4     | 0.0     | 0.0     |
| 45-        | 0.0     | 5.4     | 2.8     | 8.2     |
| 50-        | 9.8     | 0.0     | 6.6     | 0.0     |
| 55-        | 11.9    | 17.7    | 11.6    | 3.4     |
| 60-        | 12.8    | 4.1     | 19.5    | 11.5    |
| 65-        | 35.3    | 27.1    | 0.0     | 20.0    |
| 70-        | 30.8    | 5.8     | 28.1    | 9.1     |
| 75-        | 36.4    | 23.7    | 32.3    | 37.4    |
| 80-        | 14.8    | 67.6    | 51.1    | 32.8    |
| 85+        | 49.5    | 21.2    | 56.0    | 28.1    |
| Crude Rate | 5.3     | 4.6     | 6.1     | 5.0     |



## 1.28. Leukaemia

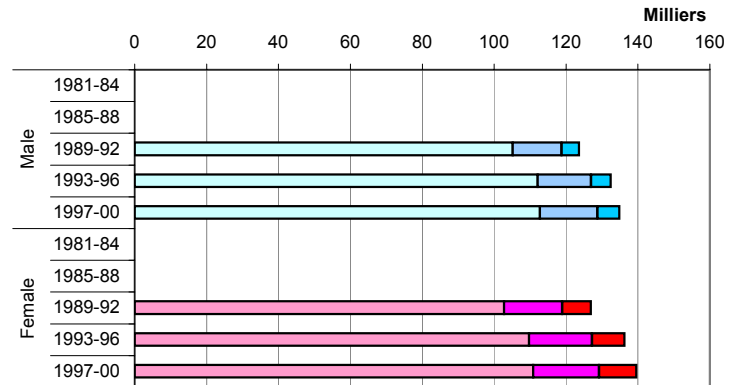
### Number of New Cases

| Sex          | Period       | New cases by age group |            |            | Rounded Total | Yearly average |
|--------------|--------------|------------------------|------------|------------|---------------|----------------|
|              |              | 0-59                   | 60-74      | 75+        |               |                |
| Male         | 1981-84      |                        |            |            |               |                |
|              | 1985-88      |                        |            |            |               |                |
|              | 1989-92      | 21                     | 15         | 21         | 57            | 14             |
|              | 1993-96      | 25                     | 27         | 20         | 72            | 18             |
|              | 1997-00      | 25                     | 21         | 20         | 66            | 17             |
| Female       | 1981-84      |                        |            |            |               |                |
|              | 1985-88      |                        |            |            |               |                |
|              | 1989-92      | 11                     | 11         | 12         | 34            | 9              |
|              | 1993-96      | 18                     | 16         | 18         | 52            | 13             |
|              | 1997-00      | 18                     | 12         | 13         | 43            | 11             |
| <b>Total</b> | <b>Total</b> | <b>118</b>             | <b>102</b> | <b>104</b> | <b>324</b>    |                |



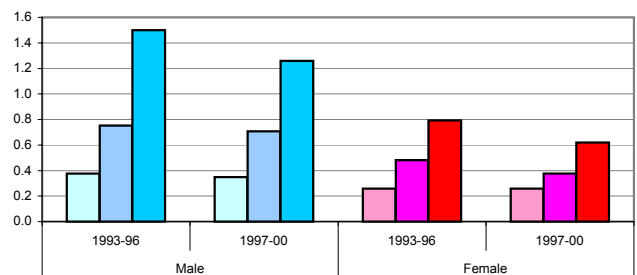
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-00 | 112'746            | 15'973 | 6'189  | 134'907 |
| Female | 1981-84 |                    |        |        |         |
|        | 1985-88 |                    |        |        |         |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-00 | 110'862            | 18'317 | 10'401 | 139'579 |



### Cumulated Rates (in %) by Age - Two Last Periods

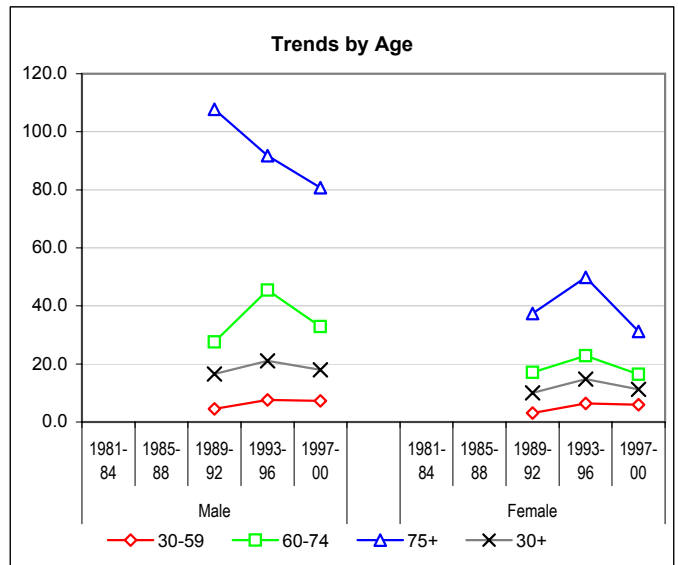
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.38 | 0.75 | 1.50 |
|        | 1997-00 | 0.35 | 0.71 | 1.26 |
| Female | 1993-96 | 0.26 | 0.48 | 0.79 |
|        | 1997-00 | 0.26 | 0.38 | 0.62 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

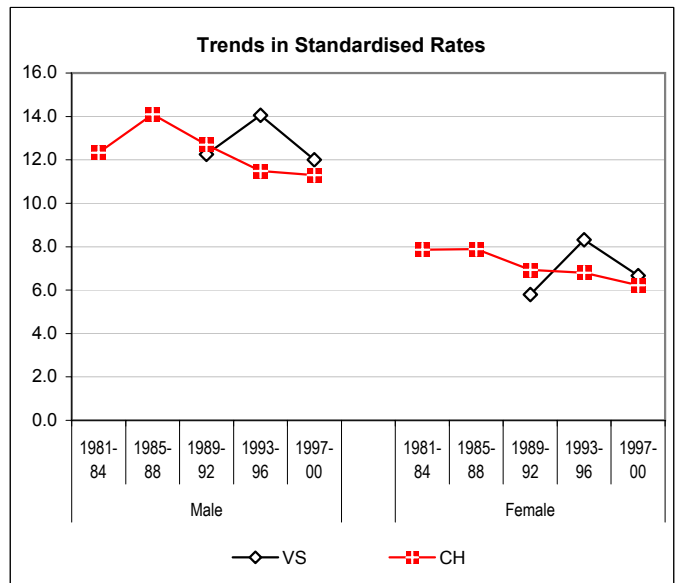
| Sex    | Period       | 30-59 | 60-74 | 75+    | 30+   |
|--------|--------------|-------|-------|--------|-------|
| Male   | 1981-84      |       |       |        |       |
|        | 1985-88      |       |       |        |       |
|        | 1989-92      | 4.56  | 27.52 | 107.78 | 16.57 |
|        | 1993-96      | 7.65  | 45.39 | 91.72  | 21.09 |
|        | 1997-00      | 7.25  | 32.87 | 80.79  | 17.94 |
| Female | 1981-84      |       |       |        |       |
|        | 1985-88      |       |       |        |       |
|        | 1989-92      | 3.10  | 17.05 | 37.35  | 9.99  |
|        | 1993-96      | 6.43  | 22.78 | 49.81  | 14.81 |
|        | 1997-00      | 6.01  | 16.38 | 31.25  | 11.21 |
| Male   | Annual Trend | 1.072 | 1.031 | 0.960  | 1.014 |
| Female | Annual Trend | 1.104 | 0.999 | 0.980  | 1.021 |



**European Standardized Rates by Period**

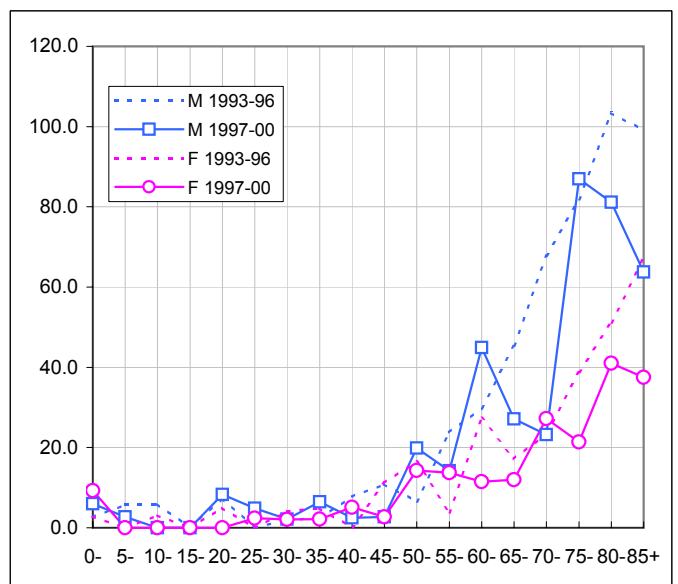
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      |       | 12.33 |
|        | 1985-88      |       | 14.10 |
|        | 1989-92      | 12.26 | 12.69 |
|        | 1993-96      | 14.05 | 11.48 |
|        | 1997-00      | 12.00 | 11.30 |
| Female | 1981-84      |       | 7.86  |
|        | 1985-88      |       | 7.89  |
|        | 1989-92      | 5.80  | 6.94  |
|        | 1993-96      | 8.32  | 6.80  |
|        | 1997-00      | 6.67  | 6.22  |
| Male   | Annual Trend | 0.999 | 0.990 |
| Female | Annual Trend | 1.024 | 0.984 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-00 | 1993-96 | 1997-00 |
| 0-         | 2.7     | 5.9     | 2.9     | 9.3     |
| 5-         | 5.7     | 2.7     | 0.0     | 0.0     |
| 10-        | 5.9     | 0.0     | 3.1     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 7.3     | 8.3     | 5.0     | 0.0     |
| 25-        | 0.0     | 4.9     | 0.0     | 2.4     |
| 30-        | 2.1     | 2.2     | 4.2     | 2.1     |
| 35-        | 2.3     | 6.4     | 4.9     | 2.2     |
| 40-        | 7.8     | 2.4     | 0.0     | 5.1     |
| 45-        | 10.9    | 2.7     | 11.2    | 2.7     |
| 50-        | 6.5     | 19.8    | 16.5    | 14.3    |
| 55-        | 23.8    | 14.2    | 3.9     | 13.7    |
| 60-        | 29.8    | 44.9    | 27.3    | 11.5    |
| 65-        | 45.4    | 27.1    | 17.2    | 12.0    |
| 70-        | 67.9    | 23.2    | 23.4    | 27.2    |
| 75-        | 81.8    | 86.9    | 38.8    | 21.4    |
| 80-        | 103.4   | 81.1    | 51.1    | 41.0    |
| 85+        | 99.1    | 63.7    | 67.1    | 37.5    |
| Crude Rate | 13.6    | 12.2    | 9.5     | 7.7     |



## Number of Deaths

| ICD10        | Male Site                             | Deaths by period |         |         |         |         | Total | Yearly average |         |         |         |         |
|--------------|---------------------------------------|------------------|---------|---------|---------|---------|-------|----------------|---------|---------|---------|---------|
|              |                                       | 1981-84          | 1985-88 | 1989-92 | 1993-96 | 1997-01 |       | 1981-84        | 1985-88 | 1989-92 | 1993-96 | 1997-01 |
| C01-14       | * Oral Cavity & Pharynx               | 71               | 60      | 60      | 55      | 61      | 306   | 18             | 15      | 15      | 14      | 12      |
| C15          | Oesophagus                            | 43               | 53      | 45      | 52      | 68      | 261   | 11             | 13      | 11      | 13      | 14      |
| C16          | * Stomach                             | 83               | 96      | 97      | 67      | 102     | 446   | 21             | 24      | 24      | 17      | 20      |
| C18-21       | * Colon, Rectum                       | 91               | 100     | 133     | 111     | 160     | 595   | 23             | 25      | 33      | 28      | 32      |
| C22          | Liver & Intrahepatic Bile Ducts       | 27               | 58      | 62      | 91      | 115     | 353   | 7              | 15      | 16      | 23      | 23      |
| C23-24       | Gallbladder & Extrahepatic Bile Tract | 12               | 9       | 6       | 8       | 11      | 46    | 3              | 2       | 2       | 2       | 2       |
| C25          | * Pancreas                            | 43               | 65      | 63      | 53      | 100     | 324   | 11             | 16      | 16      | 13      | 20      |
| C32          | * Larynx                              | 27               | 14      | 26      | 30      | 18      | 115   | 7              | 4       | 6       | 8       | 4       |
| C33-34       | * Lung, Trachea                       | 266              | 261     | 270     | 297     | 406     | 1'500 | 66             | 65      | 68      | 74      | 81      |
| C38.4, C45.0 | Pleura                                | 5                | 5       | 18      | 8       | 10      | 46    | 1              | 1       | 5       | 2       | 2       |
| C40-41       | Bones, Joints, Cartilage              | 4                | 1       | 1       | 0       | 5       | 11    | 1              | 0       | 0       | 0       | 1       |
| C43          | * Skin Melanoma                       | 13               | 12      | 18      | 16      | 17      | 75    | 3              | 3       | 4       | 4       | 3       |
| C47, C49     | Soft Tissues                          | 4                | 3       | 3       | 4       | 11      | 25    | 1              | 1       | 1       | 1       | 2       |
| C50          | Breast                                | 4                | 1       | 0       | 3       | 5       | 13    | 1              | 0       | 0       | 1       | 1       |
| C53          | Cervix Uteri                          | -                | -       | -       | -       | -       | -     | -              | -       | -       | -       | -       |
| C54-55       | Corpus Uteri                          | -                | -       | -       | -       | -       | -     | -              | -       | -       | -       | -       |
| C56          | Ovary                                 | -                | -       | -       | -       | -       | -     | -              | -       | -       | -       | -       |
| C61          | * Prostate                            | 84               | 123     | 129     | 191     | 210     | 738   | 21             | 31      | 32      | 48      | 42      |
| C62          | * Testis                              | 4                | 4       | 2       | 4       | 3       | 16    | 1              | 1       | 0       | 1       | 1       |
| C64-66, C68  | Kidney & Urinary Organs               | 23               | 28      | 26      | 33      | 42      | 152   | 6              | 7       | 7       | 8       | 8       |
| C67          | * Bladder                             | 34               | 48      | 42      | 41      | 44      | 209   | 8              | 12      | 10      | 10      | 9       |
| C70-72       | * Brain & Central Nerves              | 24               | 20      | 30      | 29      | 32      | 135   | 6              | 5       | 7       | 7       | 6       |
| C73          | * Thyroid                             | 3                | 2       | 5       | 1       | 5       | 16    | 1              | 1       | 1       | 0       | 1       |
| C81          | Hodgkin's Disease                     | 10               | 7       | 4       | 2       | 4       | 27    | 3              | 2       | 1       | 1       | 1       |
| C82-88       | Non Hodgkin Lymphoma                  | 17               | 19      | 21      | 34      | 43      | 134   | 4              | 5       | 5       | 9       | 9       |
| C90          | Multiple Myeloma                      | 21               | 16      | 24      | 23      | 22      | 106   | 5              | 4       | 6       | 6       | 4       |
| C91-95       | Leukaemia                             | 29               | 30      | 29      | 57      | 45      | 190   | 7              | 8       | 7       | 14      | 9       |
| ...          | Others                                | 52               | 67      | 77      | 85      | 141     | 422   | 13             | 17      | 19      | 21      | 28      |
| C00-97       | * All malignant Cancers               | 993              | 1'101   | 1'189   | 1'297   | 1'680   | 6'260 | 248            | 275     | 297     | 324     | 336     |

\* Cancers for which the numbers of deaths are corrected between 1981 and 1994

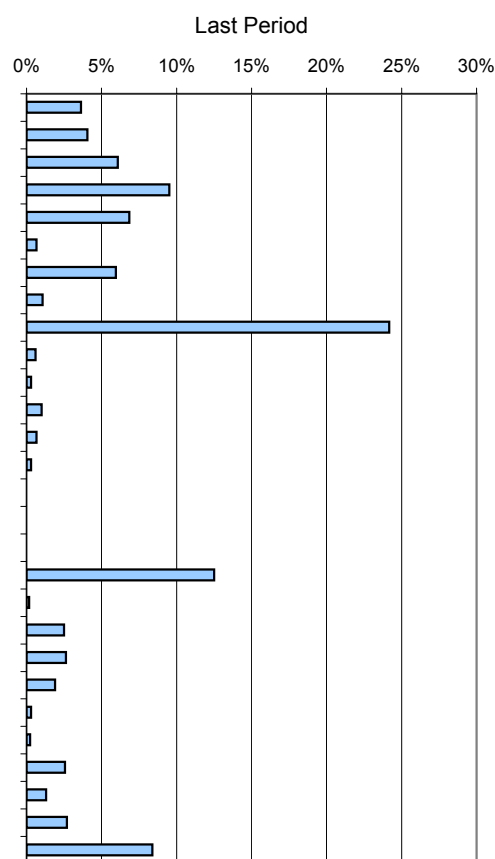
| ICD10        | Female Site                           | Deaths by period |         |         |         |         | Total | Yearly average |         |         |         |         |
|--------------|---------------------------------------|------------------|---------|---------|---------|---------|-------|----------------|---------|---------|---------|---------|
|              |                                       | 1981-84          | 1985-88 | 1989-92 | 1993-96 | 1997-01 |       | 1981-84        | 1985-88 | 1989-92 | 1993-96 | 1997-01 |
| C01-14       | * Oral Cavity & Pharynx               | 8                | 7       | 6       | 9       | 19      | 49    | 2              | 2       | 1       | 2       | 4       |
| C15          | Oesophagus                            | 11               | 10      | 9       | 9       | 21      | 60    | 3              | 3       | 2       | 2       | 4       |
| C16          | * Stomach                             | 81               | 59      | 56      | 57      | 49      | 302   | 20             | 15      | 14      | 14      | 10      |
| C18-21       | * Colon, Rectum                       | 83               | 105     | 96      | 88      | 105     | 476   | 21             | 26      | 24      | 22      | 21      |
| C22          | Liver & Intrahepatic Bile Ducts       | 16               | 19      | 18      | 22      | 35      | 110   | 4              | 5       | 5       | 6       | 7       |
| C23-24       | Gallbladder & Extrahepatic Bile Tract | 10               | 25      | 27      | 12      | 20      | 94    | 3              | 6       | 7       | 3       | 4       |
| C25          | * Pancreas                            | 35               | 47      | 64      | 51      | 66      | 262   | 9              | 12      | 16      | 13      | 13      |
| C32          | * Larynx                              | 0                | 0       | 1       | 4       | 4       | 9     | 0              | 0       | 0       | 1       | 1       |
| C33-34       | * Lung, Trachea                       | 35               | 45      | 56      | 84      | 143     | 363   | 9              | 11      | 14      | 21      | 29      |
| C38.4, C45.0 | Pleura                                | 1                | 5       | 6       | 3       | 3       | 18    | 0              | 1       | 2       | 1       | 1       |
| C40-41       | Bones, Joints, Cartilage              | 4                | 3       | 0       | 2       | 3       | 12    | 1              | 1       | 0       | 1       | 1       |
| C43          | * Skin Melanoma                       | 13               | 10      | 11      | 11      | 25      | 69    | 3              | 2       | 3       | 3       | 5       |
| C47, C49     | Soft Tissues                          | 5                | 7       | 6       | 5       | 9       | 32    | 1              | 2       | 2       | 1       | 2       |
| C50          | * Breast                              | 154              | 137     | 164     | 193     | 212     | 860   | 38             | 34      | 41      | 48      | 42      |
| C53          | * Cervix Uteri                        | 23               | 12      | 12      | 12      | 8       | 66    | 6              | 3       | 3       | 3       | 2       |
| C54-55       | * Corpus Uteri                        | 14               | 25      | 32      | 34      | 38      | 142   | 3              | 6       | 8       | 9       | 8       |
| C56          | * Ovary                               | 37               | 47      | 49      | 57      | 89      | 279   | 9              | 12      | 12      | 14      | 18      |
| C61          | Prostate                              | -                | -       | -       | -       | -       | -     | -              | -       | -       | -       | -       |
| C62          | Testis                                | -                | -       | -       | -       | -       | -     | -              | -       | -       | -       | -       |
| C64-66, C68  | Kidney & Urinary Organs               | 10               | 21      | 18      | 23      | 26      | 98    | 3              | 5       | 5       | 6       | 5       |
| C67          | * Bladder                             | 12               | 17      | 10      | 12      | 21      | 73    | 3              | 4       | 3       | 3       | 4       |
| C70-72       | * Brain & Central Nerves              | 12               | 15      | 16      | 18      | 39      | 99    | 3              | 4       | 4       | 5       | 8       |
| C73          | * Thyroid                             | 9                | 7       | 10      | 8       | 16      | 50    | 2              | 2       | 2       | 2       | 3       |
| C81          | Hodgkin's Disease                     | 8                | 3       | 3       | 3       | 4       | 21    | 2              | 1       | 1       | 1       | 1       |
| C82-88       | Non Hodgkin Lymphoma                  | 23               | 14      | 26      | 20      | 37      | 120   | 6              | 4       | 7       | 5       | 7       |
| C90          | Multiple Myeloma                      | 14               | 21      | 14      | 26      | 32      | 107   | 4              | 5       | 4       | 7       | 6       |
| C91-95       | Leukaemia                             | 23               | 21      | 24      | 36      | 27      | 131   | 6              | 5       | 6       | 9       | 5       |
| ...          | Others                                | 51               | 46      | 63      | 63      | 131     | 355   | 13             | 12      | 16      | 16      | 26      |
| C00-97       | * All malignant Cancers               | 691              | 727     | 796     | 862     | 1'182   | 4'257 | 173            | 182     | 199     | 215     | 236     |

\* Cancers for which the numbers of deaths are corrected between 1981 and 1994

Percentage Distribution by Site

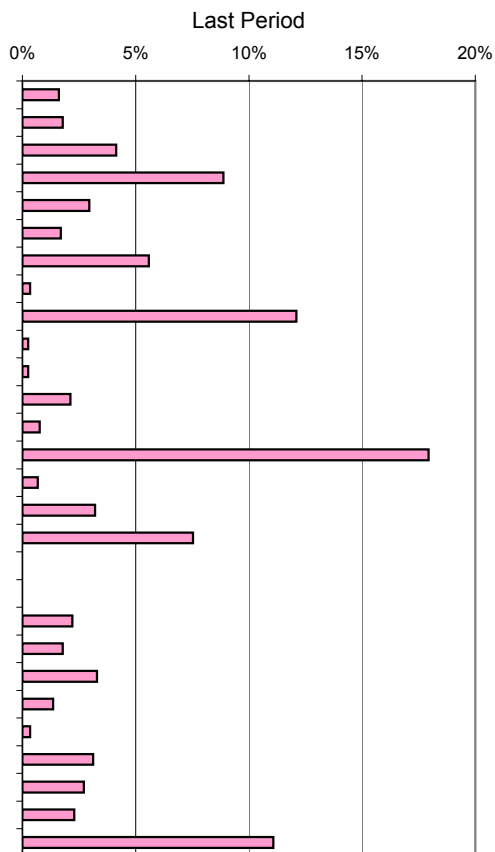
| <b>Male</b>  |                                       | 1981-84 | 1985-88 | 1989-92 | 1993-96 | 1997-01 |
|--------------|---------------------------------------|---------|---------|---------|---------|---------|
| ICD10        | Site                                  |         |         |         |         |         |
| C01-14       | * Oral Cavity & Pharynx               | 7.1%    | 5.4%    | 5.0%    | 4.2%    | 3.6%    |
| C15          | Oesophagus                            | 4.3%    | 4.8%    | 3.8%    | 4.0%    | 4.0%    |
| C16          | * Stomach                             | 8.4%    | 8.8%    | 8.1%    | 5.2%    | 6.1%    |
| C18-21       | * Colon, Rectum                       | 9.2%    | 9.1%    | 11.2%   | 8.6%    | 9.5%    |
| C22          | Liver & Intrahepatic Bile Ducts       | 2.7%    | 5.3%    | 5.2%    | 7.0%    | 6.8%    |
| C23-24       | Gallbladder & Extrahepatic Bile Tract | 1.2%    | 0.8%    | 0.5%    | 0.6%    | 0.7%    |
| C25          | * Pancreas                            | 4.3%    | 5.9%    | 5.3%    | 4.1%    | 6.0%    |
| C32          | * Larynx                              | 2.7%    | 1.3%    | 2.2%    | 2.3%    | 1.1%    |
| C33-34       | * Lung, Trachea                       | 26.8%   | 23.7%   | 22.7%   | 22.9%   | 24.2%   |
| C38.4, C45.0 | Pleura                                | 0.5%    | 0.5%    | 1.5%    | 0.6%    | 0.6%    |
| C40-41       | Bones, Joints, Cartilage              | 0.4%    | 0.1%    | 0.1%    | 0.0%    | 0.3%    |
| C43          | * Skin Melanoma                       | 1.3%    | 1.1%    | 1.5%    | 1.2%    | 1.0%    |
| C47, C49     | Soft Tissues                          | 0.4%    | 0.3%    | 0.3%    | 0.3%    | 0.7%    |
| C50          | Breast                                | 0.4%    | 0.1%    | 0.0%    | 0.2%    | 0.3%    |
| C53          | Cervix Uteri                          | -       | -       | -       | -       | -       |
| C54-55       | Corpus Uteri                          | -       | -       | -       | -       | -       |
| C56          | Ovary                                 | -       | -       | -       | -       | -       |
| C61          | * Prostate                            | 8.5%    | 11.2%   | 10.9%   | 14.8%   | 12.5%   |
| C62          | * Testis                              | 0.4%    | 0.3%    | 0.1%    | 0.3%    | 0.2%    |
| C64-66, C68  | Kidney & Urinary Organs               | 2.3%    | 2.5%    | 2.2%    | 2.5%    | 2.5%    |
| C67          | * Bladder                             | 3.4%    | 4.4%    | 3.5%    | 3.2%    | 2.6%    |
| C70-72       | * Brain & Central Nerves              | 2.4%    | 1.8%    | 2.5%    | 2.2%    | 1.9%    |
| C73          | * Thyroid                             | 0.3%    | 0.2%    | 0.4%    | 0.1%    | 0.3%    |
| C81          | Hodgkin's Disease                     | 1.0%    | 0.6%    | 0.3%    | 0.2%    | 0.2%    |
| C82-88       | Non Hodgkin Lymphoma                  | 1.7%    | 1.7%    | 1.8%    | 2.6%    | 2.6%    |
| C90          | Multiple Myeloma                      | 2.1%    | 1.5%    | 2.0%    | 1.8%    | 1.3%    |
| C91-95       | Leukaemia                             | 2.9%    | 2.7%    | 2.4%    | 4.4%    | 2.7%    |
| ...          | Others except non melanotic Skin      | 5.2%    | 6.1%    | 6.5%    | 6.6%    | 8.4%    |
| C00-97       | * All malignant Cancers               | 100%    | 100%    | 100%    | 100%    | 100%    |

\* Cancers for which the numbers of deaths are corrected between 1981 and 1994



| <b>Female</b> |                                       | 1981-84 | 1985-88 | 1989-92 | 1993-96 | 1997-01 |
|---------------|---------------------------------------|---------|---------|---------|---------|---------|
| ICD10         | Site                                  |         |         |         |         |         |
| C01-14        | * Oral Cavity & Pharynx               | 1.2%    | 1.0%    | 0.7%    | 1.1%    | 1.6%    |
| C15           | Oesophagus                            | 1.6%    | 1.4%    | 1.1%    | 1.0%    | 1.8%    |
| C16           | * Stomach                             | 11.8%   | 8.1%    | 7.0%    | 6.6%    | 4.1%    |
| C18-21        | * Colon, Rectum                       | 11.9%   | 14.4%   | 12.1%   | 10.2%   | 8.9%    |
| C22           | Liver & Intrahepatic Bile Ducts       | 2.3%    | 2.6%    | 2.3%    | 2.6%    | 3.0%    |
| C23-24        | Gallbladder & Extrahepatic Bile Tract | 1.4%    | 3.4%    | 3.4%    | 1.4%    | 1.7%    |
| C25           | * Pancreas                            | 5.0%    | 6.5%    | 8.0%    | 5.9%    | 5.6%    |
| C32           | * Larynx                              | 0.0%    | 0.0%    | 0.1%    | 0.4%    | 0.3%    |
| C33-34        | * Lung, Trachea                       | 5.1%    | 6.2%    | 7.1%    | 9.7%    | 12.1%   |
| C38.4, C45.0  | Pleura                                | 0.1%    | 0.7%    | 0.8%    | 0.3%    | 0.3%    |
| C40-41        | Bones, Joints, Cartilage              | 0.6%    | 0.4%    | 0.0%    | 0.2%    | 0.3%    |
| C43           | * Skin Melanoma                       | 1.9%    | 1.3%    | 1.4%    | 1.3%    | 2.1%    |
| C47, C49      | Soft Tissues                          | 0.7%    | 1.0%    | 0.8%    | 0.6%    | 0.8%    |
| C50           | * Breast                              | 22.2%   | 18.8%   | 20.6%   | 22.4%   | 17.9%   |
| C53           | * Cervix Uteri                        | 3.3%    | 1.6%    | 1.5%    | 1.4%    | 0.7%    |
| C54-55        | * Corpus Uteri                        | 2.0%    | 3.4%    | 4.0%    | 4.0%    | 3.2%    |
| C56           | * Ovary                               | 5.4%    | 6.4%    | 6.2%    | 6.6%    | 7.5%    |
| C61           | Prostate                              | -       | -       | -       | -       | -       |
| C62           | Testis                                | -       | -       | -       | -       | -       |
| C64-66, C68   | Kidney & Urinary Organs               | 1.4%    | 2.9%    | 2.3%    | 2.7%    | 2.2%    |
| C67           | * Bladder                             | 1.8%    | 2.4%    | 1.3%    | 1.4%    | 1.8%    |
| C70-72        | * Brain & Central Nerves              | 1.7%    | 2.1%    | 2.0%    | 2.1%    | 3.3%    |
| C73           | * Thyroid                             | 1.3%    | 0.9%    | 1.2%    | 0.9%    | 1.4%    |
| C81           | Hodgkin's Disease                     | 1.2%    | 0.4%    | 0.4%    | 0.3%    | 0.3%    |
| C82-88        | Non Hodgkin Lymphoma                  | 3.3%    | 1.9%    | 3.3%    | 2.3%    | 3.1%    |
| C90           | Multiple Myeloma                      | 2.0%    | 2.9%    | 1.8%    | 3.0%    | 2.7%    |
| C91-95        | Leukaemia                             | 3.3%    | 2.9%    | 3.0%    | 4.2%    | 2.3%    |
| ...           | Others except non melanotic Skin      | 7.4%    | 6.3%    | 8.0%    | 7.3%    | 11.1%   |
| C00-97        | * All malignant Cancers               | 100%    | 100%    | 100%    | 100%    | 100%    |

\* Cancers for which the numbers of deaths are corrected between 1981 and 1994



## Age Standardised Rates, European Population, per 100'000

| ICD10        | Male Site                             | Valais  |         |         |         |         | Switzerland |         |         |         |         |
|--------------|---------------------------------------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|
|              |                                       | 1981-84 | 1985-88 | 1989-92 | 1993-96 | 1997-01 | 1981-84     | 1985-88 | 1989-92 | 1993-96 | 1997-01 |
| C01-14       | * Oral Cavity & Pharynx               | 18.6    | 14.4    | 13.2    | 11.4    | 9.0     | 9.5         | 8.6     | 8.6     | 7.1     | 7.3     |
| C15          | Oesophagus                            | 11.2    | 13.0    | 9.9     | 10.5    | 9.9     | 9.2         | 8.4     | 8.1     | 7.6     | 7.3     |
| C16          | * Stomach                             | 21.8    | 23.2    | 20.7    | 13.3    | 14.4    | 19.4        | 16.1    | 14.1    | 11.2    | 9.3     |
| C18-21       | * Colon, Rectum                       | 25.4    | 24.2    | 29.7    | 21.8    | 22.2    | 27.9        | 27.6    | 26.1    | 24.5    | 22.0    |
| C22          | Liver & Intrahepatic Bile Ducts       | 6.9     | 13.6    | 13.5    | 17.8    | 16.5    | 7.3         | 7.5     | 8.2     | 8.6     | 8.9     |
| C23-24       | Gallbladder & Extrahepatic Bile Tract | 3.1     | 2.3     | 1.3     | 1.6     | 1.6     | 2.9         | 2.4     | 2.4     | 2.1     | 1.8     |
| C25          | * Pancreas                            | 11.5    | 15.4    | 13.3    | 10.5    | 14.3    | 10.9        | 11.4    | 11.8    | 11.0    | 10.4    |
| C32          | * Larynx                              | 7.0     | 3.3     | 5.7     | 6.2     | 2.7     | 3.7         | 3.2     | 3.1     | 2.3     | 2.1     |
| C33-34       | * Lung, Trachea                       | 69.2    | 62.2    | 58.5    | 58.9    | 57.5    | 69.5        | 67.5    | 63.2    | 56.3    | 51.8    |
| C38.4, C45.0 | Pleura                                | 1.3     | 1.3     | 3.8     | 1.5     | 1.4     | 1.9         | 2.1     | 2.4     | 2.2     | 1.8     |
| C40-41       | Bones, Joints, Cartilage              | 1.0     | 0.3     | 0.2     | 0.0     | 0.8     | 0.6         | 0.5     | 0.6     | 0.5     | 0.6     |
| C43          | * Skin Melanoma                       | 3.1     | 2.9     | 4.0     | 3.0     | 2.5     | 3.1         | 3.3     | 3.7     | 3.6     | 3.6     |
| C47, C49     | Soft Tissues                          | 1.0     | 0.8     | 0.7     | 0.8     | 1.6     | 1.1         | 1.1     | 0.9     | 1.1     | 1.0     |
| C50          | Breast                                | 1.0     | 0.2     | 0.0     | 0.7     | 0.7     | 0.3         | 0.3     | 0.3     | 0.3     | 0.2     |
| C53          | Cervix Uteri                          | -       | -       | -       | -       | -       | -           | -       | -       | -       | -       |
| C54-55       | Corpus Uteri                          | -       | -       | -       | -       | -       | -           | -       | -       | -       | -       |
| C56          | Ovary                                 | -       | -       | -       | -       | -       | -           | -       | -       | -       | -       |
| C61          | * Prostate                            | 23.8    | 30.8    | 27.8    | 37.1    | 28.3    | 30.4        | 31.7    | 32.1    | 32.7    | 31.2    |
| C62          | * Testis                              | 0.8     | 0.6     | 0.3     | 0.8     | 0.4     | 0.9         | 0.8     | 0.6     | 0.4     | 0.4     |
| C64-66, C68  | Kidney & Urinary Organs               | 6.0     | 6.5     | 6.0     | 6.8     | 6.1     | 6.7         | 7.6     | 7.4     | 6.6     | 5.8     |
| C67          | * Bladder                             | 9.0     | 11.6    | 8.8     | 8.2     | 6.1     | 9.5         | 9.2     | 9.3     | 8.3     | 7.5     |
| C70-72       | * Brain & Central Nerves              | 5.8     | 4.8     | 6.2     | 5.9     | 4.6     | 5.9         | 6.3     | 5.8     | 6.0     | 6.2     |
| C73          | * Thyroid                             | 0.7     | 0.5     | 1.1     | 0.2     | 0.7     | 1.2         | 1.0     | 0.8     | 0.7     | 0.6     |
| C81          | Hodgkin's Disease                     | 2.4     | 1.5     | 0.9     | 0.3     | 0.5     | 1.9         | 1.6     | 1.2     | 0.7     | 0.4     |
| C82-88       | Non Hodgkin Lymphoma                  | 4.5     | 4.3     | 4.5     | 6.4     | 6.0     | 6.2         | 6.8     | 7.2     | 7.7     | 7.0     |
| C90          | Multiple Myeloma                      | 5.4     | 3.7     | 5.6     | 4.5     | 3.1     | 3.9         | 3.7     | 4.4     | 3.8     | 3.4     |
| C91-95       | Leukaemia                             | 7.8     | 7.4     | 6.2     | 11.0    | 6.3     | 8.8         | 8.6     | 8.4     | 7.8     | 6.5     |
| ...          | Others                                | 13.3    | 16.9    | 16.3    | 16.8    | 19.7    | 14.7        | 15.0    | 13.8    | 16.1    | 18.0    |
| C00-97       | * All malignant Cancers               | 261.6   | 266.0   | 258.2   | 256.1   | 236.9   | 257.7       | 252.5   | 244.4   | 229.3   | 215.3   |

\* Cancers for which the numbers of deaths are corrected between 1981 and 1994

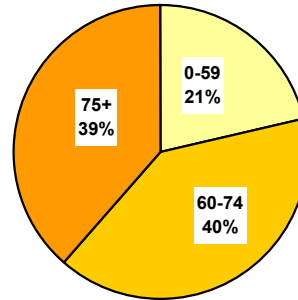
| ICD10        | Female Site                           | Valais  |         |         |         |         | Switzerland |         |         |         |         |
|--------------|---------------------------------------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|
|              |                                       | 1981-84 | 1985-88 | 1989-92 | 1993-96 | 1997-01 | 1981-84     | 1985-88 | 1989-92 | 1993-96 | 1997-01 |
| C01-14       | * Oral Cavity & Pharynx               | 1.7     | 1.5     | 1.1     | 1.3     | 2.3     | 1.6         | 1.5     | 1.6     | 1.6     | 1.7     |
| C15          | Oesophagus                            | 2.0     | 1.8     | 1.5     | 1.2     | 2.1     | 1.6         | 1.5     | 1.7     | 1.6     | 1.7     |
| C16          | * Stomach                             | 15.9    | 9.7     | 8.9     | 7.5     | 4.4     | 9.3         | 7.9     | 6.3     | 5.1     | 4.2     |
| C18-21       | * Colon, Rectum                       | 16.2    | 19.3    | 15.3    | 12.2    | 10.9    | 18.1        | 17.1    | 15.7    | 14.5    | 12.9    |
| C22          | Liver & Intrahepatic Bile Ducts       | 3.0     | 3.4     | 3.0     | 3.4     | 3.5     | 1.8         | 2.1     | 2.2     | 2.4     | 2.5     |
| C23-24       | Gallbladder & Extrahepatic Bile Tract | 2.0     | 4.6     | 4.4     | 1.7     | 1.6     | 4.4         | 3.6     | 3.4     | 2.9     | 2.2     |
| C25          | * Pancreas                            | 7.4     | 8.1     | 9.8     | 7.1     | 6.5     | 7.4         | 7.9     | 8.0     | 7.5     | 7.7     |
| C32          | * Larynx                              | 0.0     | 0.0     | 0.1     | 0.5     | 0.3     | 0.2         | 0.2     | 0.3     | 0.2     | 0.2     |
| C33-34       | * Lung, Trachea                       | 8.2     | 8.7     | 10.6    | 14.5    | 16.6    | 8.2         | 9.4     | 10.8    | 13.1    | 14.5    |
| C38.4, C45.0 | Pleura                                | 0.3     | 1.1     | 1.1     | 0.4     | 0.4     | 0.4         | 0.4     | 0.5     | 0.4     | 0.3     |
| C40-41       | Bones, Joints, Cartilage              | 0.8     | 0.5     | 0.0     | 0.2     | 0.4     | 0.4         | 0.4     | 0.3     | 0.3     | 0.4     |
| C43          | * Skin Melanoma                       | 3.0     | 1.8     | 1.9     | 1.7     | 3.1     | 2.1         | 2.4     | 2.4     | 2.0     | 2.0     |
| C47, C49     | Soft Tissues                          | 1.0     | 1.2     | 1.0     | 0.8     | 0.9     | 0.9         | 0.9     | 0.7     | 0.8     | 0.9     |
| C50          | * Breast                              | 32.8    | 27.0    | 28.9    | 32.7    | 24.5    | 33.6        | 34.3    | 32.6    | 31.1    | 26.6    |
| C53          | * Cervix Uteri                        | 5.0     | 2.2     | 2.2     | 2.0     | 0.9     | 5.0         | 4.1     | 3.4     | 3.0     | 1.8     |
| C54-55       | * Corpus Uteri                        | 2.9     | 4.4     | 5.1     | 5.0     | 4.1     | 5.7         | 5.2     | 5.0     | 4.1     | 3.5     |
| C56          | * Ovary                               | 7.7     | 8.9     | 8.3     | 8.9     | 10.3    | 10.5        | 10.1    | 9.7     | 8.5     | 7.7     |
| C61          | Prostate                              | -       | -       | -       | -       | -       | -           | -       | -       | -       | -       |
| C62          | Testis                                | -       | -       | -       | -       | -       | -           | -       | -       | -       | -       |
| C64-66, C68  | Kidney & Urinary Organs               | 2.2     | 3.9     | 3.0     | 3.4     | 2.6     | 3.7         | 3.7     | 3.4     | 3.0     | 2.8     |
| C67          | * Bladder                             | 2.3     | 3.1     | 1.5     | 1.7     | 2.3     | 2.8         | 2.5     | 2.5     | 2.4     | 2.1     |
| C70-72       | * Brain & Central Nerves              | 2.6     | 2.9     | 3.0     | 3.2     | 4.7     | 4.1         | 3.7     | 4.1     | 4.0     | 3.9     |
| C73          | * Thyroid                             | 1.7     | 1.0     | 1.4     | 1.0     | 1.3     | 1.6         | 1.2     | 1.1     | 0.8     | 0.7     |
| C81          | Hodgkin's Disease                     | 1.8     | 0.5     | 0.6     | 0.5     | 0.4     | 1.1         | 0.9     | 0.7     | 0.4     | 0.3     |
| C82-88       | Non Hodgkin Lymphoma                  | 4.6     | 2.5     | 4.2     | 3.2     | 4.1     | 3.7         | 4.0     | 4.6     | 4.7     | 4.8     |
| C90          | Multiple Myeloma                      | 2.7     | 4.0     | 2.0     | 3.6     | 3.1     | 2.5         | 2.7     | 2.6     | 2.8     | 2.5     |
| C91-95       | Leukaemia                             | 4.9     | 4.1     | 3.9     | 5.2     | 3.0     | 5.4         | 5.0     | 4.8     | 4.1     | 4.0     |
| ...          | Others                                | 9.8     | 8.4     | 9.5     | 8.9     | 12.9    | 10.4        | 10.2    | 9.8     | 10.4    | 11.5    |
| C00-97       | * All malignant Cancers               | 142.3   | 134.7   | 132.3   | 131.5   | 127.4   | 146.4       | 142.9   | 138.0   | 131.8   | 123.5   |

\* Cancers for which the numbers of deaths are corrected between 1981 and 1994

## 2.1. All malignant Cancers

### Number of Deaths

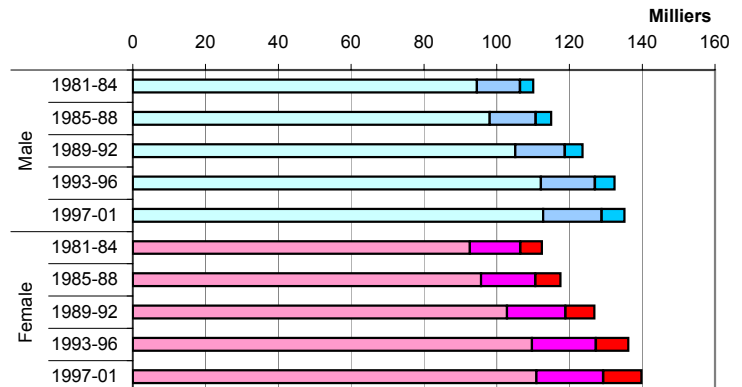
| Sex          | Period       | Deaths by age group |              |              | Total         | Yearly average |
|--------------|--------------|---------------------|--------------|--------------|---------------|----------------|
|              |              | 0-59                | 60-74        | 75+          |               |                |
| Male         | 1981-84      | 253                 | 448          | 292          | 993           | 248            |
|              | 1985-88      | 248                 | 487          | 366          | 1'101         | 275            |
|              | 1989-92      | 243                 | 507          | 439          | 1'189         | 297            |
|              | 1993-96      | 273                 | 568          | 456          | 1'297         | 324            |
|              | 1997-01      | 322                 | 667          | 691          | 1'680         | 336            |
| Female       | 1981-84      | 169                 | 244          | 278          | 691           | 173            |
|              | 1985-88      | 138                 | 295          | 294          | 727           | 182            |
|              | 1989-92      | 168                 | 284          | 344          | 796           | 199            |
|              | 1993-96      | 195                 | 293          | 374          | 862           | 215            |
|              | 1997-01      | 244                 | 399          | 539          | 1'182         | 236            |
| <b>Total</b> | <b>Total</b> | <b>2'253</b>        | <b>4'191</b> | <b>4'072</b> | <b>10'517</b> |                |



Multiple Myeloma

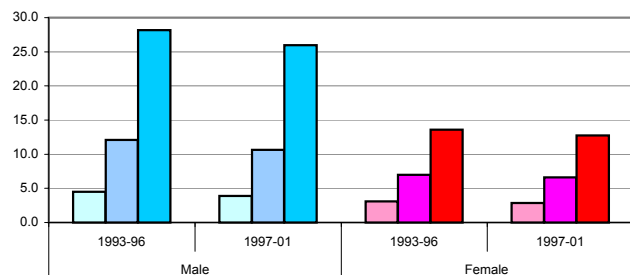
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

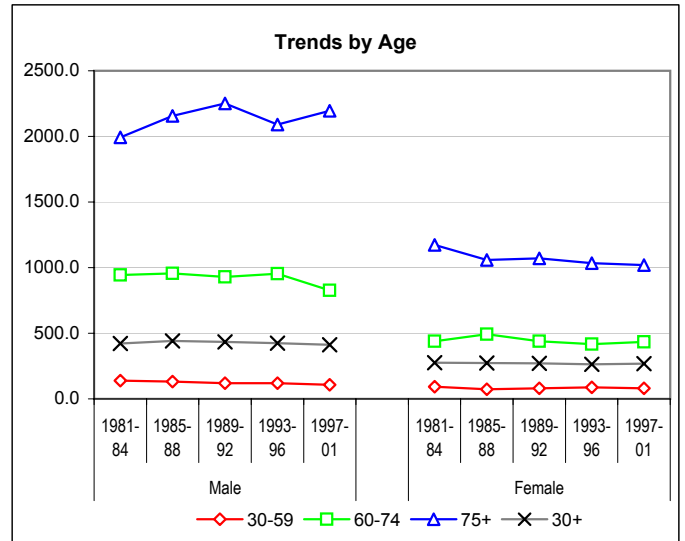
| Sex    | Period  | Age  |       |       |
|--------|---------|------|-------|-------|
|        |         | 0-59 | 0-69  | 0-79  |
| Male   | 1993-96 | 4.51 | 12.08 | 28.18 |
|        | 1997-01 | 3.90 | 10.62 | 25.99 |
| Female | 1993-96 | 3.11 | 6.98  | 13.57 |
|        | 1997-01 | 2.84 | 6.59  | 12.77 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

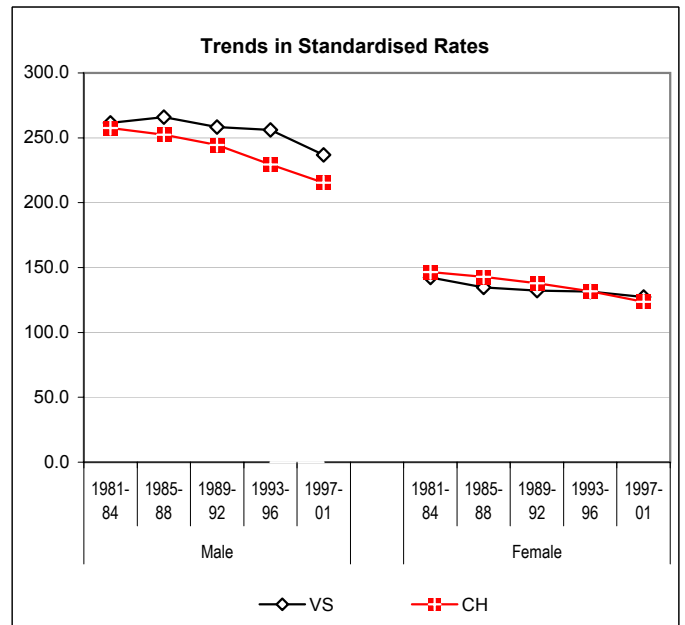
| Sex    | Period       | 30-59    | 60-74    | 75+     | 30+      |
|--------|--------------|----------|----------|---------|----------|
| Male   | 1981-84      | 138.93   | 943.99   | 1992.90 | 422.16   |
|        | 1985-88      | 130.73   | 956.64   | 2155.65 | 442.07   |
|        | 1989-92      | 118.53   | 930.06   | 2252.11 | 434.47   |
|        | 1993-96      | 118.97   | 954.56   | 2089.33 | 424.26   |
|        | 1997-01      | 106.91 * | 827.89 * | 2195.67 | 411.37 * |
| Female | 1981-84      | 93.05    | 439.18   | 1173.10 | 274.71   |
|        | 1985-88      | 73.51 *  | 492.34   | 1059.01 | 272.40   |
|        | 1989-92      | 81.51    | 440.10   | 1071.37 | 270.72   |
|        | 1993-96      | 87.32    | 416.67   | 1034.37 | 264.25   |
|        | 1997-01      | 80.17    | 433.12   | 1019.19 | 267.72   |
| Male   | Annual Trend | 0.984    | 0.993    | 1.004   | 0.998    |
| Female | Annual Trend | 0.997    | 0.995    | 0.992   | 0.998    |



**European Standardized Rates by Period**

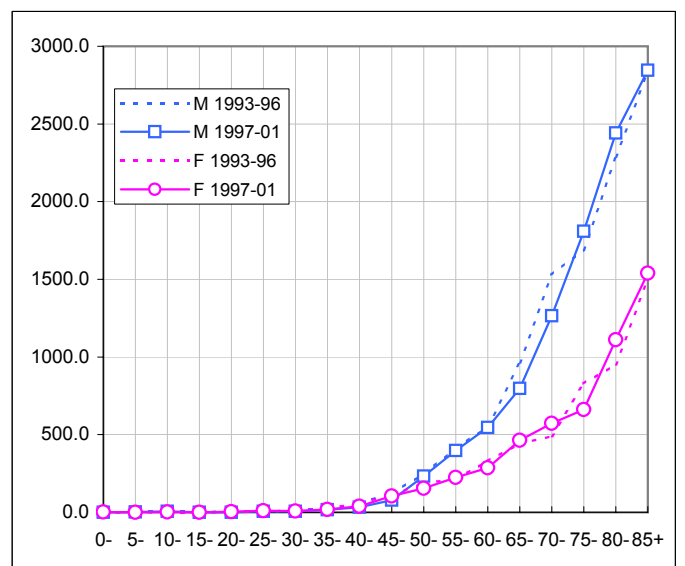
| Sex    | Period       | Multiple M <sub>i</sub> | VS       | CH     |
|--------|--------------|-------------------------|----------|--------|
| Male   | 1981-84      |                         | 261.57   | 257.66 |
|        | 1985-88      |                         | 265.96   | 252.50 |
|        | 1989-92      |                         | 258.23   | 244.41 |
|        | 1993-96      |                         | 256.08 * | 229.35 |
|        | 1997-01      |                         | 236.86 * | 215.29 |
| Female | 1981-84      |                         | 142.34   | 146.44 |
|        | 1985-88      |                         | 134.70   | 142.89 |
|        | 1989-92      |                         | 132.27   | 138.02 |
|        | 1993-96      |                         | 131.46   | 131.80 |
|        | 1997-01      |                         | 127.35   | 123.49 |
| Male   | Annual Trend |                         | 0.994    | 0.988  |
| Female | Annual Trend |                         | 0.994    | 0.989  |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

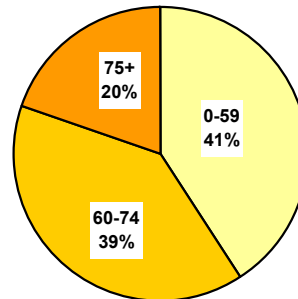
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 2.5     |
| 5-         | 2.9     | 2.2     | 2.9     | 0.0     |
| 10-        | 5.9     | 6.9     | 0.0     | 2.4     |
| 15-        | 2.9     | 0.0     | 0.0     | 0.0     |
| 20-        | 7.3     | 0.0     | 2.5     | 4.5     |
| 25-        | 4.4     | 5.9     | 6.4     | 9.9     |
| 30-        | 14.4    | 7.0     | 12.3    | 8.6     |
| 35-        | 22.8    | 17.1    | 24.3    | 19.0    |
| 40-        | 59.6    | 32.8    | 59.0    | 38.3    |
| 45-        | 123.5   | 77.5    | 110.7   | 104.7   |
| 50-        | 246.4   | 233.8   | 189.7   | 154.1   |
| 55-        | 412.7   | 397.4   | 214.0   | 225.0   |
| 60-        | 549.5   | 545.9   | 331.9   | 286.0   |
| 65-        | 964.0   | 797.5   | 442.1   | 463.2   |
| 70-        | 1529.1  | 1264.3  | 490.7   | 573.2   |
| 75-        | 1691.1  | 1809.7  | 828.0   | 661.8   |
| 80-        | 2289.9  | 2441.4  | 952.2   | 1109.7  |
| 85+        | 2838.0  | 2844.8  | 1499.6  | 1539.8  |
| Crude Rate | 244.8   | 248.6   | 158.1   | 169.0   |



## 2.2. Oral Cavity & Pharynx

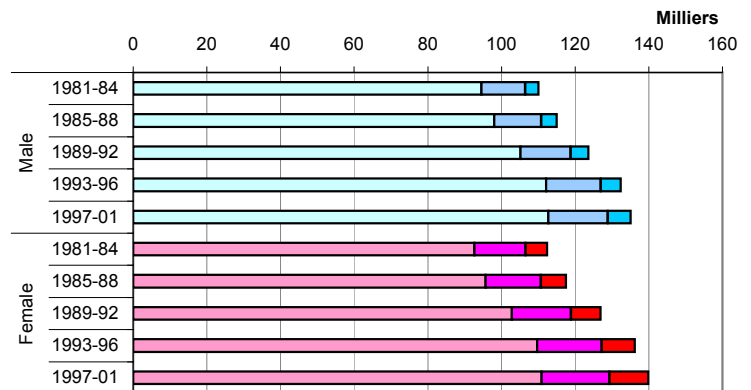
### Number of Deaths

| Sex          | Period       | Deaths by age group |            |           | Total      | Yearly  |  |
|--------------|--------------|---------------------|------------|-----------|------------|---------|--|
|              |              | 0-59                | 60-74      | 75+       |            | average |  |
| Male         | 1981-84      | 29                  | 30         | 13        | 71         | 18      |  |
|              | 1985-88      | 22                  | 26         | 12        | 60         | 15      |  |
|              | 1989-92      | 23                  | 27         | 10        | 60         | 15      |  |
|              | 1993-96      | 27                  | 22         | 7         | 55         | 14      |  |
|              | 1997-01      | 31                  | 21         | 9         | 61         | 12      |  |
| Female       | 1981-84      | 2                   | 3          | 4         | 8          | 2       |  |
|              | 1985-88      | 3                   | 3          | 2         | 7          | 2       |  |
|              | 1989-92      | 2                   | 2          | 2         | 6          | 1       |  |
|              | 1993-96      | 0                   | 4          | 6         | 9          | 2       |  |
|              | 1997-01      | 7                   | 5          | 7         | 19         | 4       |  |
| <b>Total</b> | <b>Total</b> | <b>146</b>          | <b>140</b> | <b>70</b> | <b>355</b> |         |  |



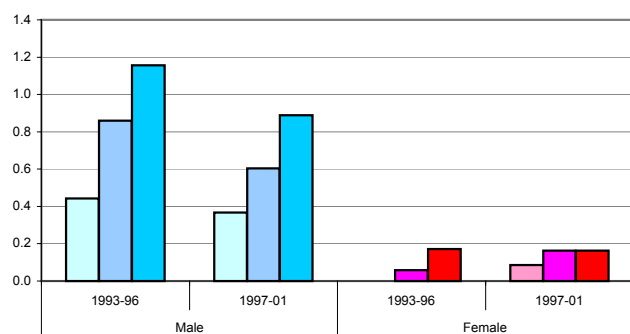
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

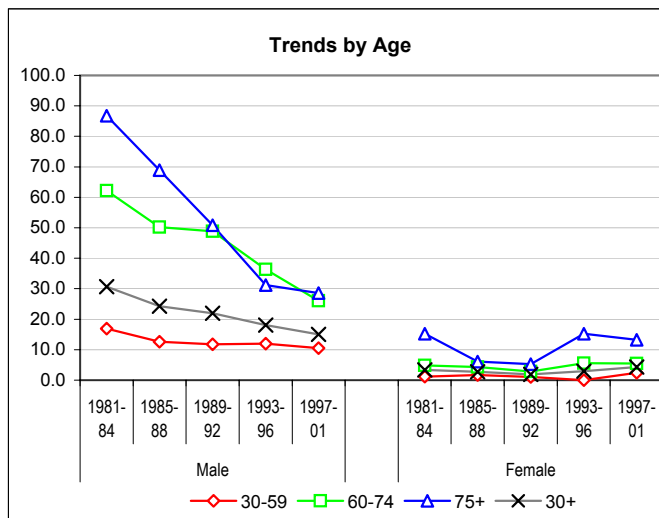
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.44 | 0.86 | 1.16 |
|        | 1997-01 | 0.37 | 0.60 | 0.89 |
| Female | 1993-96 | 0.00 | 0.06 | 0.17 |
|        | 1997-01 | 0.09 | 0.16 | 0.16 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

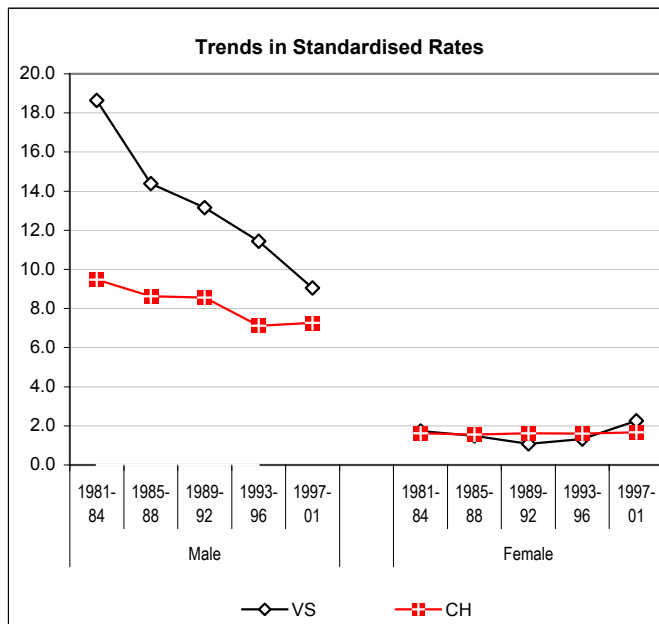
| Sex    | Period       | 30-59  | 60-74 | 75+   | 30+   |
|--------|--------------|--------|-------|-------|-------|
| Male   | 1981-84      | 16.96  | 62.16 | 86.74 | 30.68 |
|        | 1985-88      | 12.56  | 50.26 | 68.93 | 24.28 |
|        | 1989-92      | 11.74  | 48.81 | 50.81 | 21.98 |
|        | 1993-96      | 11.92  | 36.31 | 31.19 | 18.09 |
|        | 1997-01      | 10.52  | 26.07 | 28.60 | 15.00 |
| Female | 1981-84      | 1.13   | 4.86  | 15.18 | 3.32  |
|        | 1985-88      | 1.71   | 4.35  | 6.13  | 2.77  |
|        | 1989-92      | 1.03   | 2.79  | 5.29  | 1.90  |
|        | 1993-96      | 0.00   | 5.55  | 15.22 | 2.90  |
|        | 1997-01      | 2.39 * | 5.43  | 13.24 | 4.34  |
| Male   | Annual Trend | 0.974  | 0.948 | 0.924 | 0.956 |
| Female | Annual Trend | 0.837  | 1.012 | 1.016 | 1.013 |



**European Standardized Rates by Period**

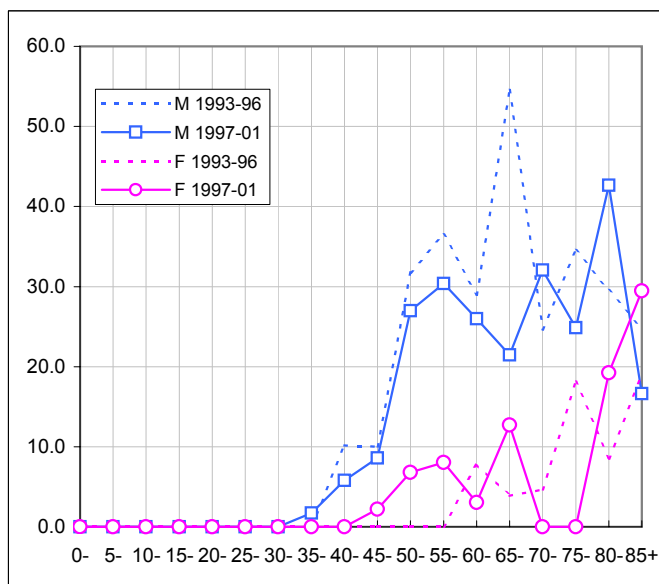
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 18.65 * | 9.47  |
|        | 1985-88      | 14.38 * | 8.62  |
|        | 1989-92      | 13.16 * | 8.57  |
|        | 1993-96      | 11.43 * | 7.12  |
|        | 1997-01      | 9.05    | 7.26  |
| Female | 1981-84      | 1.74    | 1.61  |
|        | 1985-88      | 1.48    | 1.55  |
|        | 1989-92      | 1.09    | 1.62  |
|        | 1993-96      | 1.32    | 1.61  |
|        | 1997-01      | 2.26    | 1.67  |
| Male   | Annual Trend | 0.957   | 0.981 |
| Female | Annual Trend | 1.009   | 1.003 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

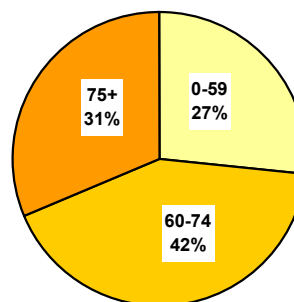
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 1.7     | 0.0     | 0.0     |
| 40-        | 10.2    | 5.8     | 0.0     | 0.0     |
| 45-        | 10.0    | 8.6     | 0.0     | 2.2     |
| 50-        | 31.7    | 27.0    | 0.0     | 6.8     |
| 55-        | 36.5    | 30.4    | 0.0     | 8.0     |
| 60-        | 29.0    | 26.0    | 7.8     | 3.0     |
| 65-        | 54.5    | 21.5    | 3.9     | 12.7    |
| 70-        | 24.7    | 32.1    | 4.7     | 0.0     |
| 75-        | 34.5    | 24.9    | 18.1    | 0.0     |
| 80-        | 29.5    | 42.6    | 8.5     | 19.2    |
| 85+        | 24.8    | 16.6    | 19.0    | 29.5    |
| Crude Rate | 10.4    | 9.0     | 1.7     | 2.7     |



### 2.3. Oesophagus

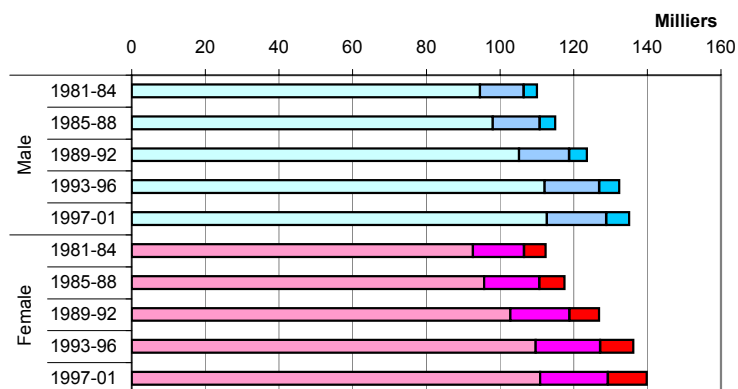
#### Number of Deaths

| Sex          | Period       | Deaths by age group |            |            | Total      | Yearly average |
|--------------|--------------|---------------------|------------|------------|------------|----------------|
|              |              | 0-59                | 60-74      | 75+        |            |                |
| Male         | 1981-84      | 11                  | 19         | 13         | 43         | 11             |
|              | 1985-88      | 21                  | 20         | 12         | 53         | 13             |
|              | 1989-92      | 9                   | 24         | 12         | 45         | 11             |
|              | 1993-96      | 19                  | 20         | 13         | 52         | 13             |
|              | 1997-01      | 20                  | 28         | 20         | 68         | 14             |
| Female       | 1981-84      | 1                   | 3          | 7          | 11         | 3              |
|              | 1985-88      | 0                   | 7          | 3          | 10         | 3              |
|              | 1989-92      | 1                   | 4          | 4          | 9          | 2              |
|              | 1993-96      | 1                   | 2          | 6          | 9          | 2              |
|              | 1997-01      | 3                   | 7          | 11         | 21         | 4              |
| <b>Total</b> | <b>Total</b> | <b>86</b>           | <b>134</b> | <b>101</b> | <b>321</b> |                |



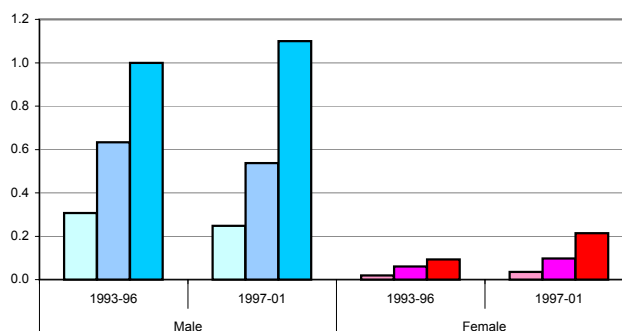
#### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



#### Cumulated Rates (in %) by Age - Two Last Periods

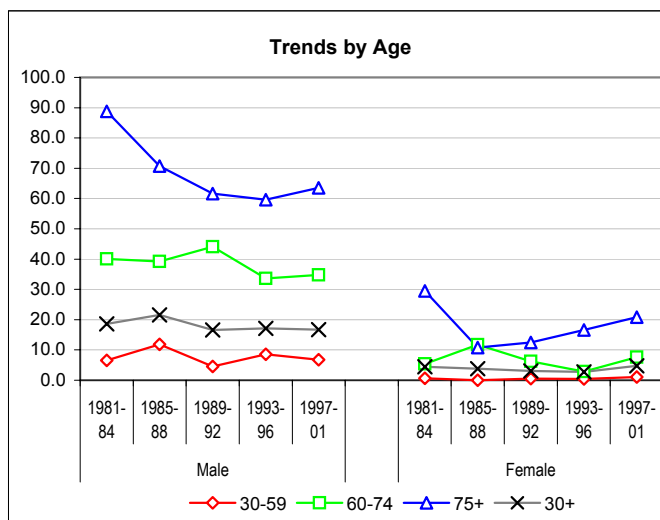
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.31 | 0.63 | 1.00 |
|        | 1997-01 | 0.25 | 0.54 | 1.10 |
| Female | 1993-96 | 0.02 | 0.06 | 0.09 |
|        | 1997-01 | 0.03 | 0.10 | 0.21 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

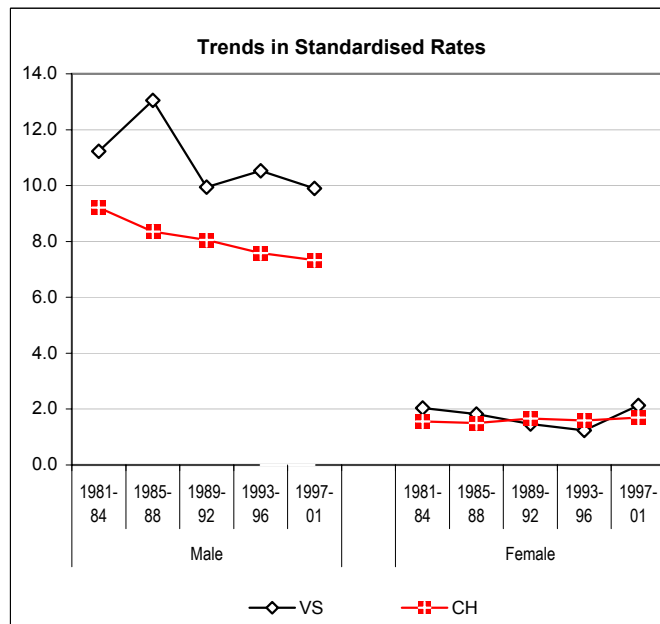
| Sex    | Period       | 30-59  | 60-74 | 75+   | 30+   |
|--------|--------------|--------|-------|-------|-------|
| Male   | 1981-84      | 6.52   | 40.04 | 88.79 | 18.64 |
|        | 1985-88      | 11.82  | 39.26 | 70.70 | 21.59 |
|        | 1989-92      | 4.56 * | 44.04 | 61.59 | 16.57 |
|        | 1993-96      | 8.55   | 33.62 | 59.62 | 17.13 |
|        | 1997-01      | 6.79   | 34.76 | 63.55 | 16.72 |
| Female | 1981-84      | 0.60   | 5.40  | 29.52 | 4.46  |
|        | 1985-88      | 0.00   | 11.70 | 10.81 | 3.80  |
|        | 1989-92      | 0.52   | 6.20  | 12.45 | 3.10  |
|        | 1993-96      | 0.46   | 2.85  | 16.60 | 2.78  |
|        | 1997-01      | 1.02   | 7.60  | 20.80 | 4.79  |
| Male   | Annual Trend | 0.994  | 0.989 | 0.978 | 0.988 |
| Female | Annual Trend | 1.205  | 0.979 | 0.991 | 0.994 |



**European Standardized Rates by Period**

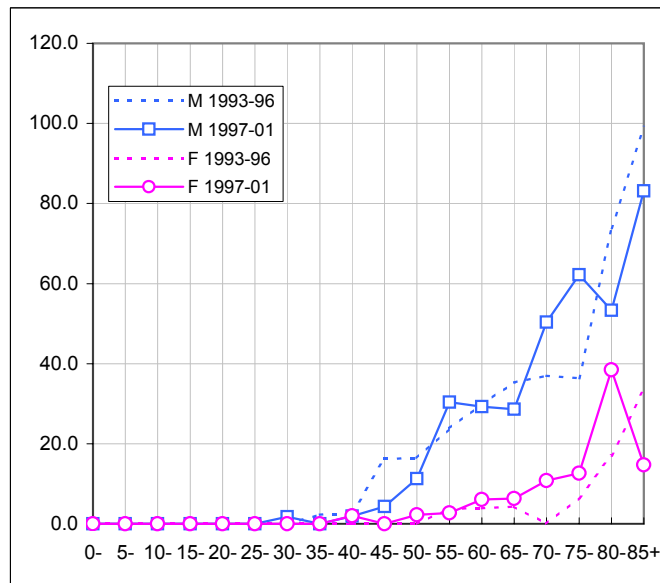
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 11.22   | 9.22  |
|        | 1985-88      | 13.05 * | 8.35  |
|        | 1989-92      | 9.94    | 8.05  |
|        | 1993-96      | 10.53 * | 7.58  |
|        | 1997-01      | 9.89 *  | 7.33  |
| Female | 1981-84      | 2.04    | 1.56  |
|        | 1985-88      | 1.82    | 1.50  |
|        | 1989-92      | 1.47    | 1.66  |
|        | 1993-96      | 1.23    | 1.59  |
|        | 1997-01      | 2.13    | 1.70  |
| Male   | Annual Trend | 0.988   | 0.985 |
| Female | Annual Trend | 0.990   | 1.006 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

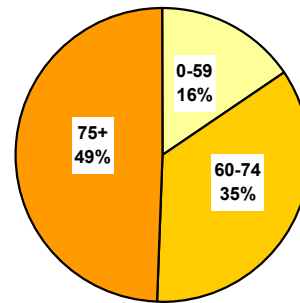
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 1.7     | 0.0     | 0.0     |
| 35-        | 2.3     | 0.0     | 0.0     | 0.0     |
| 40-        | 2.6     | 1.9     | 0.0     | 2.0     |
| 45-        | 16.3    | 4.3     | 0.0     | 0.0     |
| 50-        | 16.4    | 11.2    | 0.0     | 2.3     |
| 55-        | 23.8    | 30.4    | 3.9     | 2.7     |
| 60-        | 29.8    | 29.2    | 3.9     | 6.1     |
| 65-        | 35.3    | 28.6    | 4.3     | 6.3     |
| 70-        | 37.0    | 50.4    | 0.0     | 10.8    |
| 75-        | 36.4    | 62.2    | 6.5     | 12.6    |
| 80-        | 73.9    | 53.3    | 17.0    | 38.5    |
| 85+        | 99.1    | 83.2    | 33.6    | 14.7    |
| Crude Rate | 9.8     | 10.1    | 1.7     | 3.0     |



## 2.4. Stomach

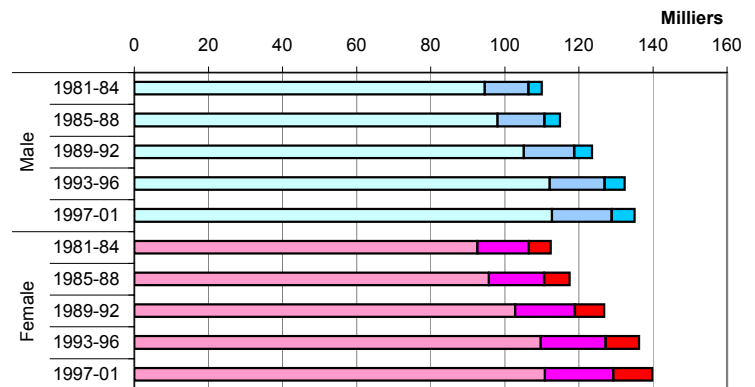
### Number of Deaths

| Sex          | Period       | Deaths by age group |            |            | Total      | Yearly average |
|--------------|--------------|---------------------|------------|------------|------------|----------------|
|              |              | 0-59                | 60-74      | 75+        |            |                |
| Male         | 1981-84      | 16                  | 33         | 34         | 83         | 21             |
|              | 1985-88      | 18                  | 45         | 34         | 96         | 24             |
|              | 1989-92      | 18                  | 41         | 38         | 97         | 24             |
|              | 1993-96      | 14                  | 22         | 31         | 67         | 17             |
|              | 1997-01      | 20                  | 32         | 50         | 102        | 20             |
| Female       | 1981-84      | 8                   | 29         | 45         | 81         | 20             |
|              | 1985-88      | 2                   | 21         | 36         | 59         | 15             |
|              | 1989-92      | 10                  | 16         | 30         | 56         | 14             |
|              | 1993-96      | 7                   | 12         | 38         | 57         | 14             |
|              | 1997-01      | 4                   | 10         | 35         | 49         | 10             |
| <b>Total</b> | <b>Total</b> | <b>116</b>          | <b>261</b> | <b>371</b> | <b>748</b> |                |



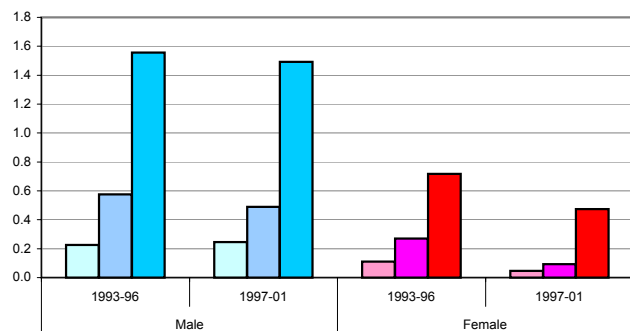
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

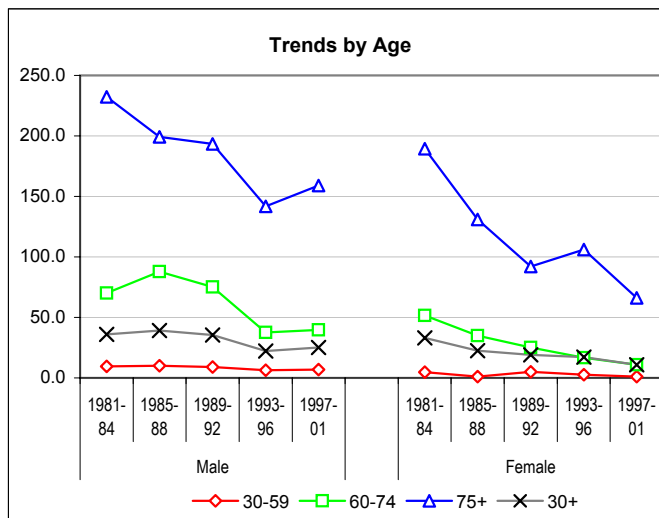
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.23 | 0.58 | 1.56 |
|        | 1997-01 | 0.25 | 0.49 | 1.49 |
| Female | 1993-96 | 0.11 | 0.27 | 0.72 |
|        | 1997-01 | 0.05 | 0.09 | 0.47 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

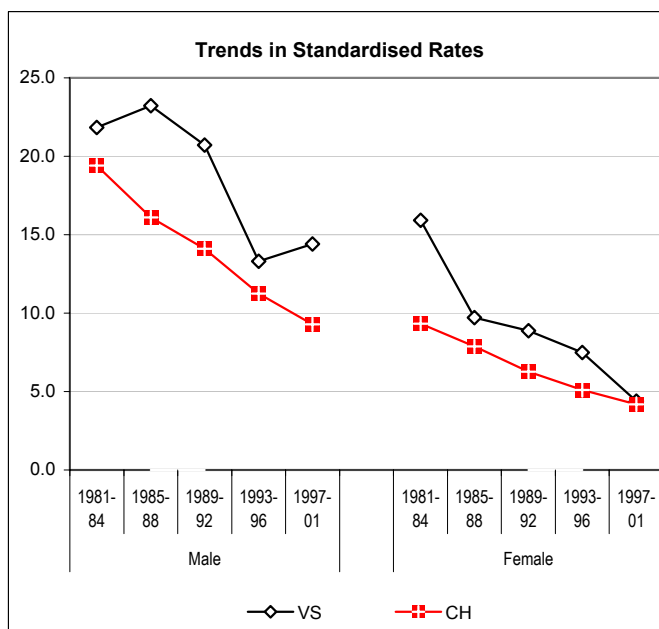
| Sex    | Period       | 30-59  | 60-74    | 75+     | 30+      |
|--------|--------------|--------|----------|---------|----------|
| Male   | 1981-84      | 9.49   | 70.17    | 232.21  | 36.10    |
|        | 1985-88      | 10.08  | 87.75    | 199.13  | 39.26    |
|        | 1989-92      | 9.01   | 75.23    | 193.49  | 35.54    |
|        | 1993-96      | 6.30   | 37.66 ** | 141.71  | 22.17 ** |
|        | 1997-01      | 6.79   | 39.72    | 158.88  | 25.08    |
| Female | 1981-84      | 4.66   | 51.68    | 189.33  | 32.98    |
|        | 1985-88      | 1.14   | 34.93    | 130.84  | 22.47 ** |
|        | 1989-92      | 5.01 * | 25.26    | 92.14   | 19.15    |
|        | 1993-96      | 2.76   | 16.66    | 105.98  | 17.27    |
|        | 1997-01      | 1.02   | 10.86    | 66.18 * | 10.96 ** |
| Male   | Annual Trend | 0.970  | 0.949    | 0.971   | 0.966    |
| Female | Annual Trend | 0.948  | 0.904    | 0.941   | 0.938    |



**European Standardized Rates by Period**

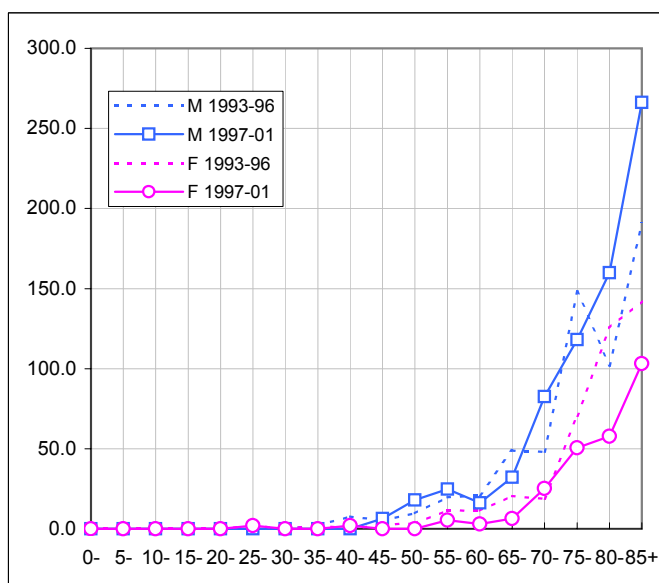
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 21.84   | 19.42 |
|        | 1985-88      | 23.22 * | 16.11 |
|        | 1989-92      | 20.72 * | 14.09 |
|        | 1993-96      | 13.30   | 11.25 |
|        | 1997-01      | 14.40 * | 9.30  |
| Female | 1981-84      | 15.93 * | 9.32  |
|        | 1985-88      | 9.72    | 7.87  |
|        | 1989-92      | 8.87 *  | 6.26  |
|        | 1993-96      | 7.48 *  | 5.10  |
|        | 1997-01      | 4.38    | 4.19  |
| Male   | Annual Trend | 0.964   | 0.953 |
| Female | Annual Trend | 0.929   | 0.948 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

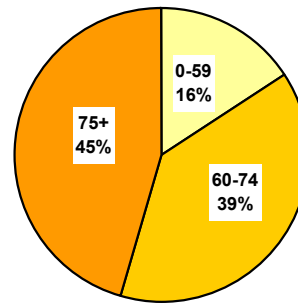
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 2.1     | 2.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 2.3     | 0.0     | 2.5     | 0.0     |
| 40-        | 7.8     | 0.0     | 0.0     | 2.0     |
| 45-        | 5.4     | 6.5     | 2.8     | 0.0     |
| 50-        | 9.8     | 18.0    | 3.3     | 0.0     |
| 55-        | 19.8    | 24.8    | 11.6    | 5.4     |
| 60-        | 20.9    | 16.2    | 11.3    | 3.0     |
| 65-        | 49.0    | 32.2    | 20.6    | 6.3     |
| 70-        | 48.1    | 82.5    | 18.7    | 25.2    |
| 75-        | 148.2   | 118.2   | 70.5    | 50.6    |
| 80-        | 101.9   | 159.9   | 125.3   | 57.7    |
| 85+        | 190.7   | 266.2   | 142.1   | 103.1   |
| Crude Rate | 12.7    | 15.1    | 10.5    | 7.0     |



## 2.5. Colon, Rectum

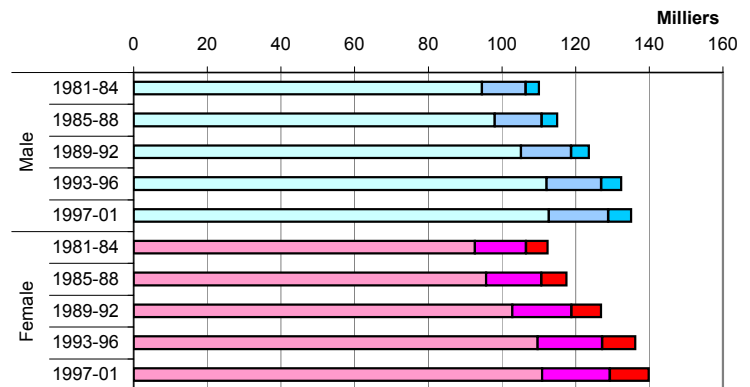
### Number of Deaths

| Sex          | Period       | Deaths by age group |            |            | Total        | Yearly average |
|--------------|--------------|---------------------|------------|------------|--------------|----------------|
|              |              | 0-59                | 60-74      | 75+        |              |                |
| Male         | 1981-84      | 13                  | 44         | 34         | 91           | 23             |
|              | 1985-88      | 22                  | 41         | 37         | 100          | 25             |
|              | 1989-92      | 21                  | 54         | 58         | 133          | 33             |
|              | 1993-96      | 18                  | 47         | 46         | 111          | 28             |
|              | 1997-01      | 19                  | 67         | 74         | 160          | 32             |
| Female       | 1981-84      | 11                  | 25         | 47         | 83           | 21             |
|              | 1985-88      | 18                  | 39         | 47         | 105          | 26             |
|              | 1989-92      | 16                  | 35         | 45         | 96           | 24             |
|              | 1993-96      | 14                  | 26         | 49         | 88           | 22             |
|              | 1997-01      | 17                  | 37         | 51         | 105          | 21             |
| <b>Total</b> | <b>Total</b> | <b>168</b>          | <b>415</b> | <b>488</b> | <b>1'071</b> |                |



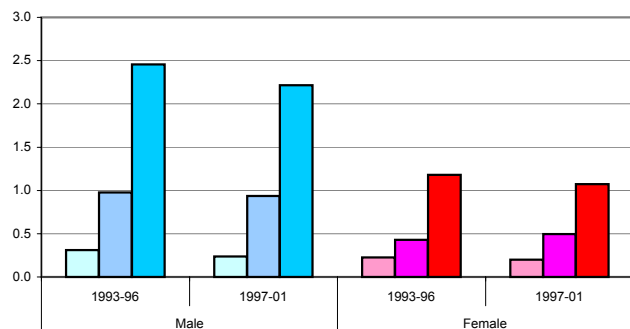
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

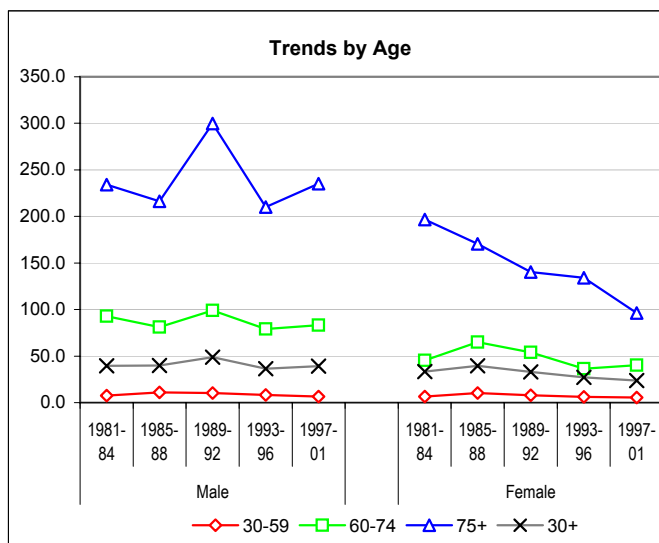
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.31 | 0.98 | 2.46 |
|        | 1997-01 | 0.24 | 0.94 | 2.22 |
| Female | 1993-96 | 0.23 | 0.43 | 1.18 |
|        | 1997-01 | 0.20 | 0.49 | 1.07 |



Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

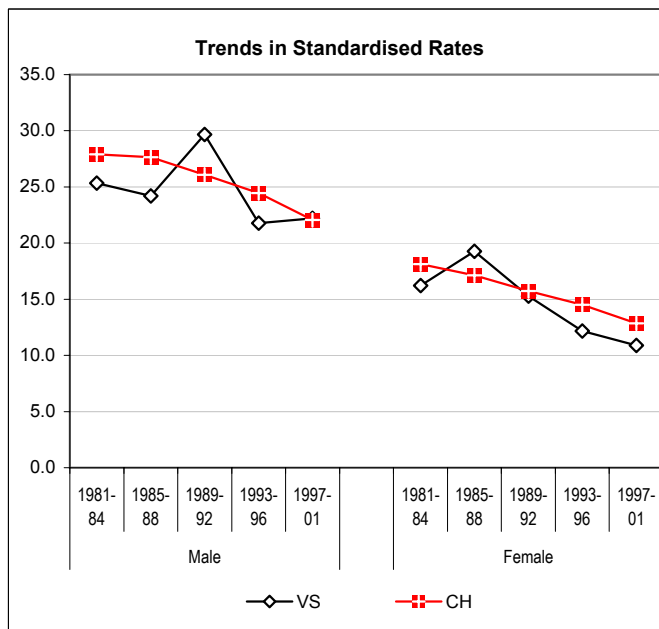
| Sex    | Period       | 30-59 | 60-74 | 75+    | 30+     |
|--------|--------------|-------|-------|--------|---------|
| Male   | 1981-84      | 7.53  | 92.93 | 234.26 | 39.48   |
|        | 1985-88      | 11.09 | 81.08 | 216.21 | 39.79   |
|        | 1989-92      | 10.48 | 98.90 | 299.73 | 48.98   |
|        | 1993-96      | 8.10  | 79.18 | 210.03 | 36.54 * |
|        | 1997-01      | 6.45  | 83.16 | 235.14 | 39.34   |
| Female | 1981-84      | 6.39  | 45.38 | 196.50 | 33.43   |
|        | 1985-88      | 10.46 | 64.84 | 170.49 | 39.66   |
|        | 1989-92      | 7.95  | 54.08 | 140.38 | 32.85   |
|        | 1993-96      | 6.34  | 36.30 | 134.21 | 27.08   |
|        | 1997-01      | 5.46  | 40.17 | 96.44  | 23.74   |
| Male   | Annual Trend | 0.985 | 0.994 | 0.999  | 0.998   |
| Female | Annual Trend | 0.980 | 0.979 | 0.958  | 0.973   |



European Standardized Rates by Period

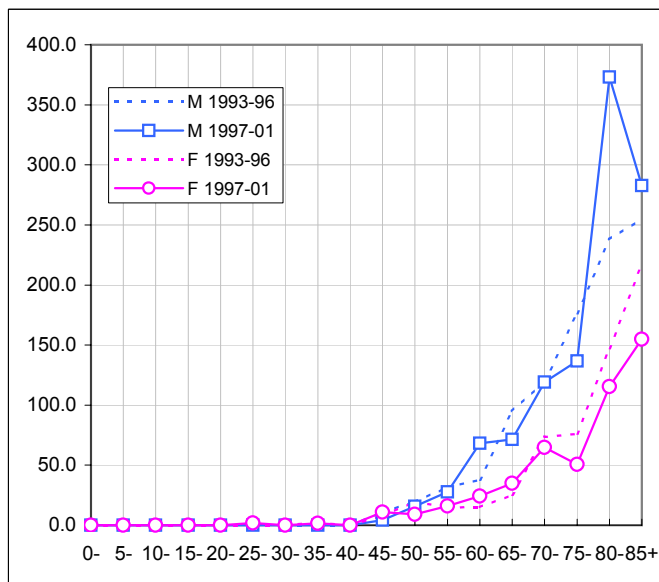
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 25.35 | 27.89 |
|        | 1985-88      | 24.19 | 27.65 |
|        | 1989-92      | 29.67 | 26.08 |
|        | 1993-96      | 21.78 | 24.46 |
|        | 1997-01      | 22.20 | 22.05 |
| Female | 1981-84      | 16.20 | 18.13 |
|        | 1985-88      | 19.27 | 17.14 |
|        | 1989-92      | 15.29 | 15.73 |
|        | 1993-96      | 12.18 | 14.52 |
|        | 1997-01      | 10.90 | 12.86 |
| Male   | Annual Trend | 0.990 | 0.985 |
| Female | Annual Trend | 0.968 | 0.978 |

Stars (\*) : statistically significant differences between VS and CH



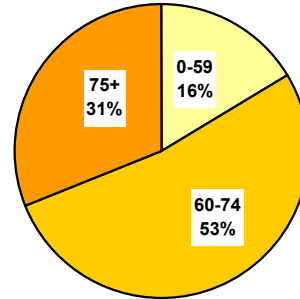
Age Specific Rates - Last Periods Compared

| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 2.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 2.5     | 1.7     |
| 40-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 45-        | 10.9    | 4.3     | 8.1     | 10.9    |
| 50-        | 19.6    | 15.7    | 19.8    | 9.1     |
| 55-        | 31.7    | 27.6    | 15.0    | 16.1    |
| 60-        | 37.9    | 68.2    | 15.2    | 24.3    |
| 65-        | 94.9    | 71.5    | 25.3    | 34.9    |
| 70-        | 119.7   | 119.1   | 73.5    | 64.9    |
| 75-        | 176.4   | 136.8   | 76.3    | 50.6    |
| 80-        | 237.8   | 373.1   | 147.5   | 115.5   |
| 85+        | 255.1   | 282.8   | 217.1   | 154.7   |
| Crude Rate | 20.9    | 23.7    | 16.1    | 15.0    |



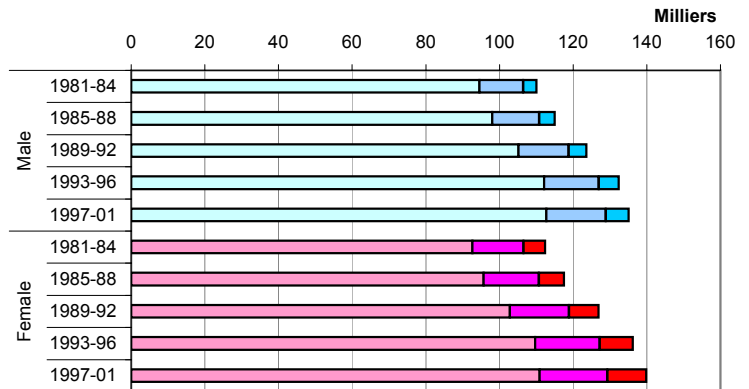
Number of Deaths

| Sex    | Period  | Deaths by age group |       |     | Total | Yearly average |
|--------|---------|---------------------|-------|-----|-------|----------------|
|        |         | 0-59                | 60-74 | 75+ |       |                |
| Male   | 1981-84 | 5                   | 18    | 4   | 27    | 7              |
|        | 1985-88 | 12                  | 29    | 17  | 58    | 15             |
|        | 1989-92 | 19                  | 27    | 16  | 62    | 16             |
|        | 1993-96 | 10                  | 59    | 22  | 91    | 23             |
|        | 1997-01 | 17                  | 65    | 33  | 115   | 23             |
| Female | 1981-84 | 2                   | 7     | 7   | 16    | 4              |
|        | 1985-88 | 1                   | 8     | 10  | 19    | 5              |
|        | 1989-92 | 4                   | 4     | 10  | 18    | 5              |
|        | 1993-96 | 4                   | 9     | 9   | 22    | 6              |
|        | 1997-01 | 2                   | 17    | 16  | 35    | 7              |
| Total  | Total   | 76                  | 243   | 144 | 463   |                |



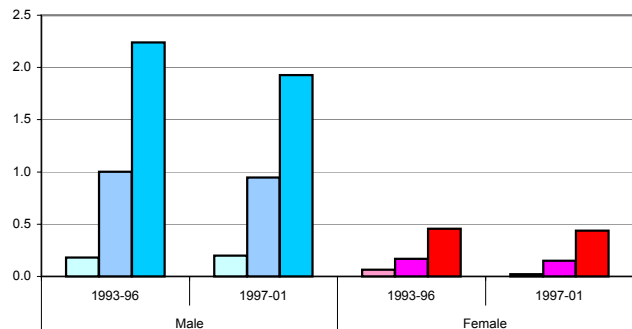
Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



Cumulated Rates (in %) by Age - Two Last Periods

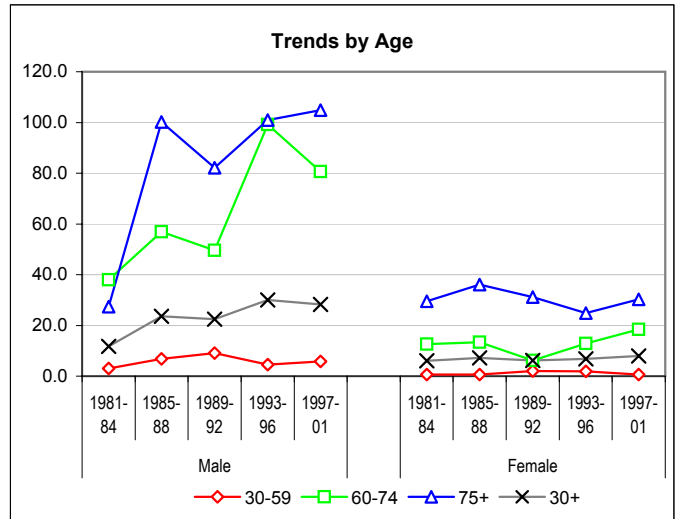
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.18 | 1.00 | 2.24 |
|        | 1997-01 | 0.20 | 0.95 | 1.93 |
| Female | 1993-96 | 0.06 | 0.17 | 0.46 |
|        | 1997-01 | 0.02 | 0.15 | 0.44 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

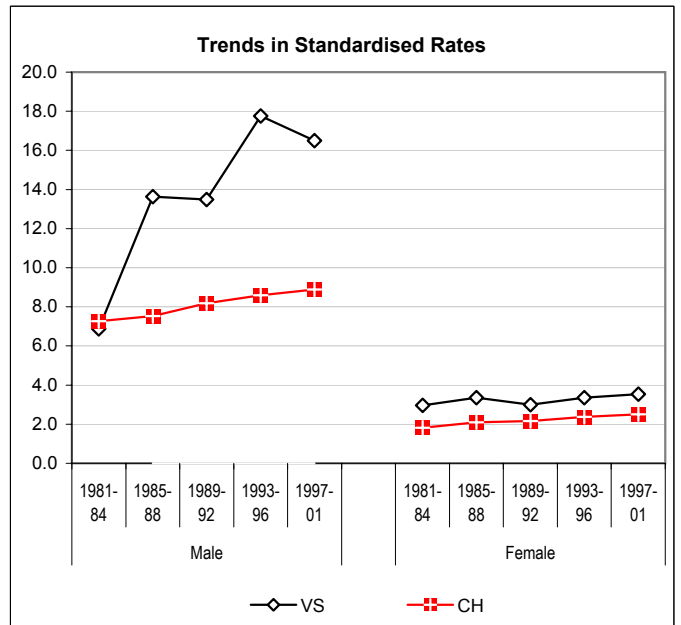
| Sex    | Period       | 30-59 | 60-74    | 75+      | 30+      |
|--------|--------------|-------|----------|----------|----------|
| Male   | 1981-84      | 2.97  | 37.93    | 27.32    | 11.70    |
|        | 1985-88      | 6.76  | 56.93    | 100.15 * | 23.62 ** |
|        | 1989-92      | 9.11  | 49.54    | 82.12    | 22.46    |
|        | 1993-96      | 4.50  | 99.19 ** | 100.89   | 29.98    |
|        | 1997-01      | 5.77  | 80.68    | 104.86   | 28.28    |
| Female | 1981-84      | 0.60  | 12.61    | 29.52    | 6.08     |
|        | 1985-88      | 0.57  | 13.37    | 36.05    | 7.21     |
|        | 1989-92      | 2.07  | 6.20     | 31.13    | 6.20     |
|        | 1993-96      | 1.84  | 12.81    | 24.91    | 6.79     |
|        | 1997-01      | 0.68  | 18.45    | 30.26    | 7.99     |
| Male   | Annual Trend | 1.025 | 1.057    | 1.075    | 1.055    |
| Female | Annual Trend | 1.043 | 1.017    | 0.991    | 1.012    |



**European Standardized Rates by Period**

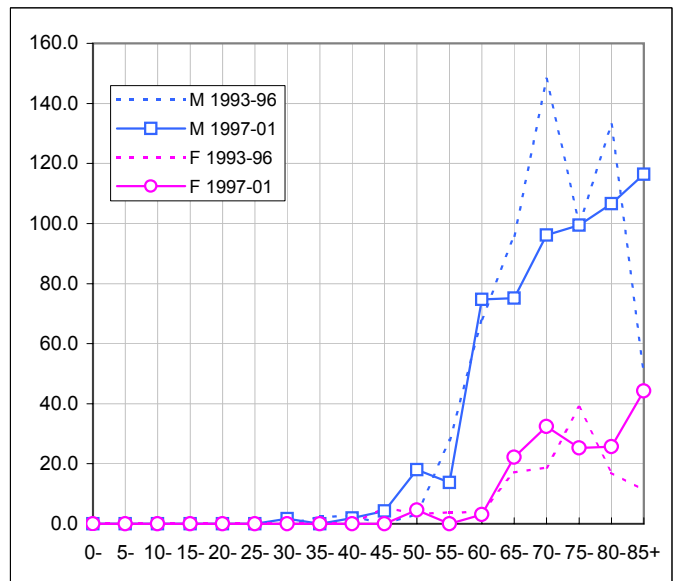
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 6.87    | 7.27  |
|        | 1985-88      | 13.63 * | 7.53  |
|        | 1989-92      | 13.48 * | 8.18  |
|        | 1993-96      | 17.75 * | 8.60  |
|        | 1997-01      | 16.49 * | 8.89  |
| Female | 1981-84      | 2.96    | 1.82  |
|        | 1985-88      | 3.36    | 2.09  |
|        | 1989-92      | 3.00    | 2.16  |
|        | 1993-96      | 3.36    | 2.38  |
|        | 1997-01      | 3.54    | 2.50  |
| Male   | Annual Trend | 1.056   | 1.014 |
| Female | Annual Trend | 1.009   | 1.020 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

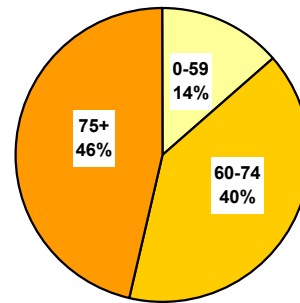
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 1.7     | 0.0     | 0.0     |
| 35-        | 2.3     | 0.0     | 0.0     | 0.0     |
| 40-        | 2.6     | 1.9     | 0.0     | 0.0     |
| 45-        | 0.0     | 4.3     | 5.6     | 0.0     |
| 50-        | 3.3     | 18.0    | 3.3     | 4.5     |
| 55-        | 27.8    | 13.8    | 3.9     | 0.0     |
| 60-        | 68.2    | 74.7    | 3.9     | 3.0     |
| 65-        | 95.9    | 75.1    | 17.2    | 22.2    |
| 70-        | 148.0   | 96.2    | 18.7    | 32.4    |
| 75-        | 100.0   | 99.5    | 38.8    | 25.3    |
| 80-        | 133.0   | 106.6   | 17.0    | 25.7    |
| 85+        | 49.5    | 116.5   | 11.2    | 44.2    |
| Crude Rate | 17.2    | 17.0    | 4.0     | 5.0     |



## 2.7. Gallbladder & Extrahepatic Bile Tract

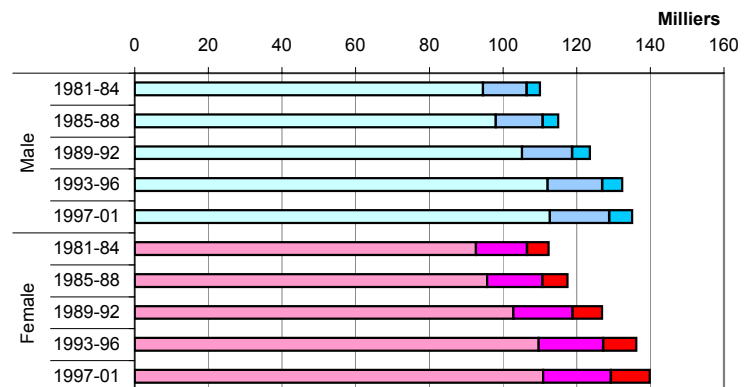
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total      | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                | 60-74     | 75+       |            |                |
| Male         | 1981-84      | 4                   | 4         | 4         | 12         | 3              |
|              | 1985-88      | 1                   | 3         | 5         | 9          | 2              |
|              | 1989-92      | 0                   | 4         | 2         | 6          | 2              |
|              | 1993-96      | 1                   | 3         | 4         | 8          | 2              |
|              | 1997-01      | 1                   | 6         | 4         | 11         | 2              |
| Female       | 1981-84      | 2                   | 3         | 5         | 10         | 3              |
|              | 1985-88      | 4                   | 12        | 9         | 25         | 6              |
|              | 1989-92      | 3                   | 13        | 11        | 27         | 7              |
|              | 1993-96      | 3                   | 3         | 6         | 12         | 3              |
|              | 1997-01      | 0                   | 5         | 15        | 20         | 4              |
| <b>Total</b> | <b>Total</b> | <b>19</b>           | <b>56</b> | <b>65</b> | <b>140</b> |                |



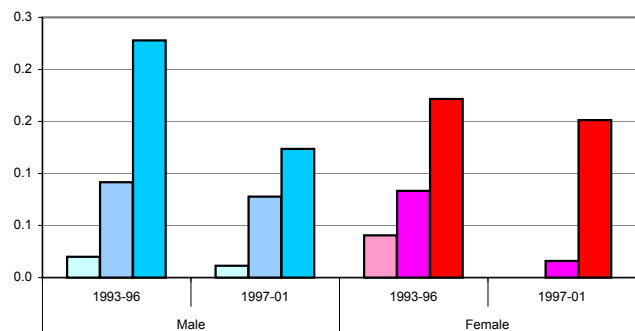
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

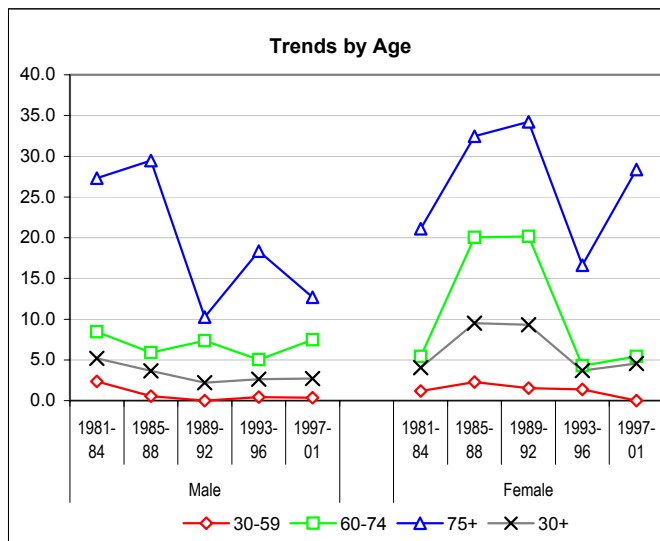
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.02 | 0.09 | 0.23 |
|        | 1997-01 | 0.01 | 0.08 | 0.12 |
| Female | 1993-96 | 0.04 | 0.08 | 0.17 |
|        | 1997-01 | 0.00 | 0.02 | 0.15 |



Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

| Sex    | Period       | 30-59  | 60-74   | 75+   | 30+     |
|--------|--------------|--------|---------|-------|---------|
| Male   | 1981-84      | 2.37   | 8.43    | 27.32 | 5.20    |
|        | 1985-88      | 0.56   | 5.89    | 29.46 | 3.67    |
|        | 1989-92      | 0.00   | 7.34    | 10.27 | 2.21    |
|        | 1993-96      | 0.45   | 5.04    | 18.34 | 2.64    |
|        | 1997-01      | 0.34   | 7.45    | 12.71 | 2.71    |
| Female | 1981-84      | 1.19   | 5.40    | 21.08 | 4.05    |
|        | 1985-88      | 2.28   | 20.06 * | 32.44 | 9.49 *  |
|        | 1989-92      | 1.55   | 20.15   | 34.24 | 9.30    |
|        | 1993-96      | 1.38   | 4.27 ** | 16.60 | 3.70 ** |
|        | 1997-01      | 0.00 * | 5.43    | 28.36 | 4.57    |
| Male   | Annual Trend | 0.889  | 0.988   | 0.948 | 0.957   |
| Female | Annual Trend | 0.694  | 0.962   | 0.997 | 0.982   |



European Standardized Rates by Period

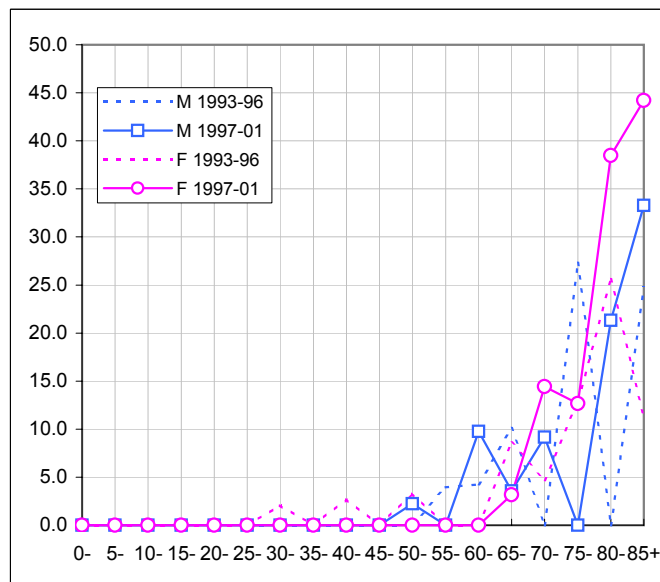
| Sex    | Period       | VS     | CH    |
|--------|--------------|--------|-------|
| Male   | 1981-84      | 3.08   | 2.92  |
|        | 1985-88      | 2.34   | 2.44  |
|        | 1989-92      | 1.33   | 2.38  |
|        | 1993-96      | 1.65   | 2.11  |
|        | 1997-01      | 1.61   | 1.78  |
| Female | 1981-84      | 2.03 * | 4.45  |
|        | 1985-88      | 4.55   | 3.64  |
|        | 1989-92      | 4.41   | 3.41  |
|        | 1993-96      | 1.68   | 2.92  |
|        | 1997-01      | 1.64   | 2.22  |
| Male   | Annual Trend | 0.957  | 0.971 |
| Female | Annual Trend | 0.964  | 0.959 |

Stars (\*) : statistically significant differences between VS and CH



Age Specific Rates - Last Periods Compared

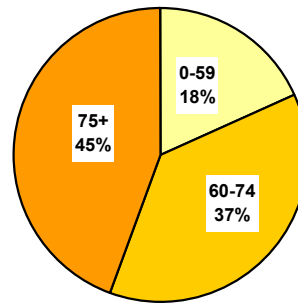
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 2.1     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 2.7     | 0.0     |
| 45-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 50-        | 0.0     | 2.2     | 3.3     | 0.0     |
| 55-        | 4.0     | 0.0     | 0.0     | 0.0     |
| 60-        | 4.3     | 9.7     | 0.0     | 0.0     |
| 65-        | 10.1    | 3.6     | 8.6     | 3.2     |
| 70-        | 0.0     | 9.2     | 4.7     | 14.4    |
| 75-        | 27.3    | 0.0     | 12.9    | 12.6    |
| 80-        | 0.0     | 21.3    | 25.6    | 38.5    |
| 85+        | 24.8    | 33.3    | 11.2    | 44.2    |
| Crude Rate | 1.5     | 1.6     | 2.2     | 2.9     |



## 2.8. Pancreas

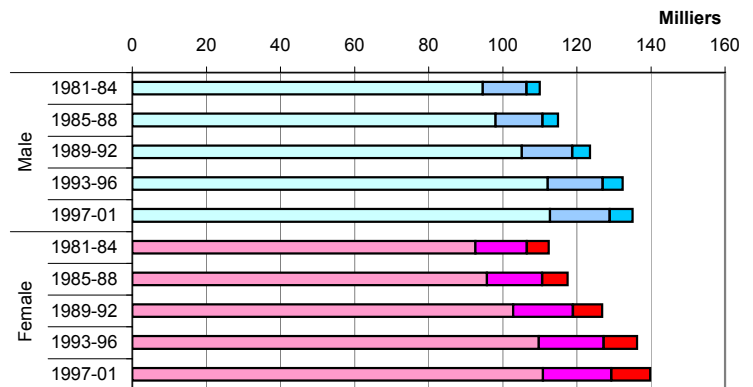
### Number of Deaths

| Sex          | Period       | Deaths by age group |            |            | Total      | Yearly average |
|--------------|--------------|---------------------|------------|------------|------------|----------------|
|              |              | 0-59                | 60-74      | 75+        |            |                |
| Male         | 1981-84      | 9                   | 16         | 17         | 43         | 11             |
|              | 1985-88      | 12                  | 27         | 26         | 65         | 16             |
|              | 1989-92      | 13                  | 27         | 23         | 63         | 16             |
|              | 1993-96      | 9                   | 24         | 21         | 53         | 13             |
|              | 1997-01      | 21                  | 43         | 36         | 100        | 20             |
| Female       | 1981-84      | 11                  | 15         | 9          | 35         | 9              |
|              | 1985-88      | 10                  | 12         | 26         | 47         | 12             |
|              | 1989-92      | 7                   | 22         | 35         | 64         | 16             |
|              | 1993-96      | 5                   | 20         | 26         | 51         | 13             |
|              | 1997-01      | 11                  | 14         | 41         | 66         | 13             |
| <b>Total</b> | <b>Total</b> | <b>107</b>          | <b>219</b> | <b>260</b> | <b>586</b> |                |



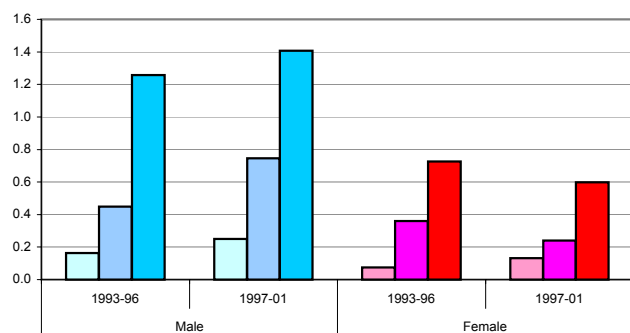
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

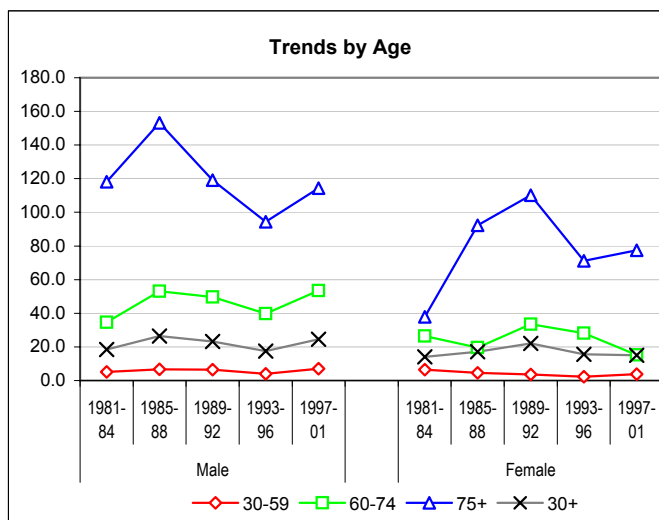
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.16 | 0.45 | 1.26 |
|        | 1997-01 | 0.25 | 0.75 | 1.41 |
| Female | 1993-96 | 0.07 | 0.36 | 0.73 |
|        | 1997-01 | 0.13 | 0.24 | 0.60 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

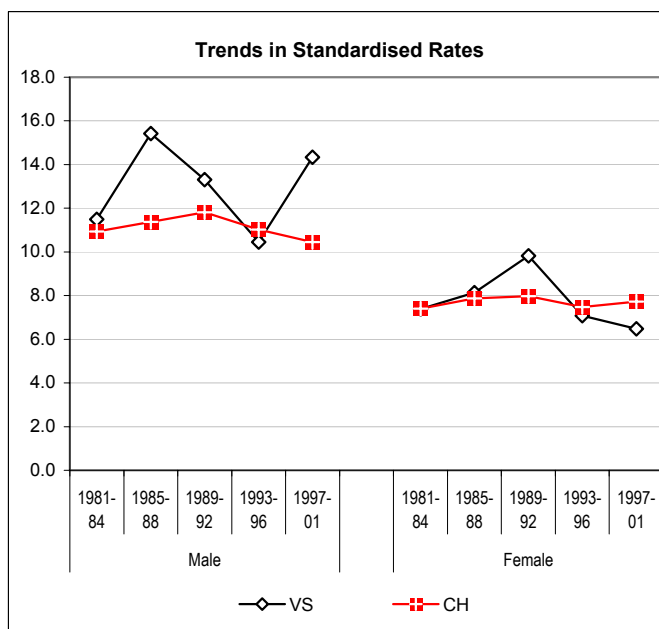
| Sex    | Period       | 30-59 | 60-74 | 75+     | 30+   |
|--------|--------------|-------|-------|---------|-------|
| Male   | 1981-84      | 5.22  | 34.56 | 118.15  | 18.42 |
|        | 1985-88      | 6.64  | 53.01 | 153.18  | 26.39 |
|        | 1989-92      | 6.48  | 49.72 | 119.07  | 23.24 |
|        | 1993-96      | 4.01  | 39.84 | 94.47   | 17.53 |
|        | 1997-01      | 7.13  | 53.37 | 114.39  | 24.59 |
| Female | 1981-84      | 6.51  | 26.47 | 37.95   | 14.02 |
|        | 1985-88      | 4.55  | 19.55 | 92.28 * | 17.19 |
|        | 1989-92      | 3.61  | 33.47 | 110.19  | 22.04 |
|        | 1993-96      | 2.30  | 28.19 | 71.12   | 15.58 |
|        | 1997-01      | 3.75  | 15.20 | 77.53   | 15.06 |
| Male   | Annual Trend | 1.002 | 1.015 | 0.985   | 1.004 |
| Female | Annual Trend | 0.952 | 0.983 | 1.032   | 1.002 |



**European Standardized Rates by Period**

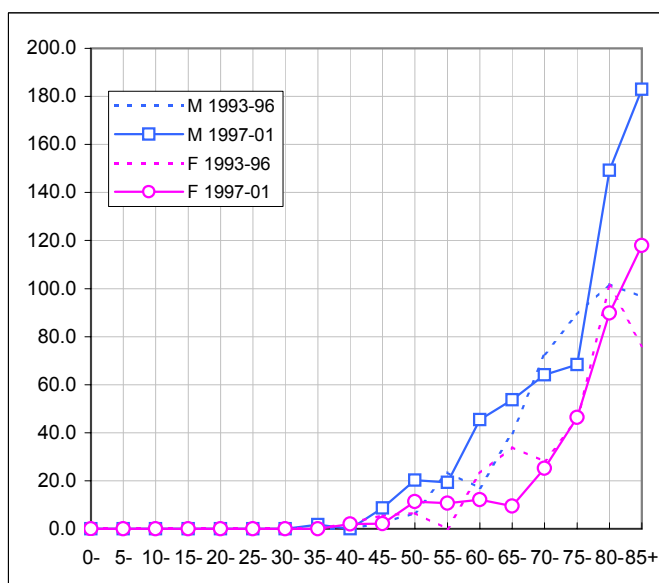
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 11.50   | 10.93 |
|        | 1985-88      | 15.42 * | 11.37 |
|        | 1989-92      | 13.31   | 11.81 |
|        | 1993-96      | 10.45   | 11.02 |
|        | 1997-01      | 14.33 * | 10.45 |
| Female | 1981-84      | 7.39    | 7.40  |
|        | 1985-88      | 8.13    | 7.87  |
|        | 1989-92      | 9.83    | 7.98  |
|        | 1993-96      | 7.08    | 7.47  |
|        | 1997-01      | 6.48    | 7.73  |
| Male   | Annual Trend | 1.001   | 0.997 |
| Female | Annual Trend | 0.990   | 1.001 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

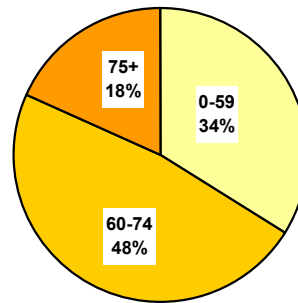
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 1.7     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 2.7     | 2.0     |
| 45-        | 2.7     | 8.6     | 5.6     | 2.2     |
| 50-        | 6.5     | 20.2    | 6.6     | 11.3    |
| 55-        | 23.4    | 19.3    | 0.0     | 10.7    |
| 60-        | 17.1    | 45.5    | 23.0    | 12.2    |
| 65-        | 39.9    | 53.6    | 33.9    | 9.5     |
| 70-        | 72.8    | 64.1    | 28.1    | 25.2    |
| 75-        | 89.1    | 68.4    | 45.2    | 46.4    |
| 80-        | 101.9   | 149.3   | 101.4   | 89.8    |
| 85+        | 96.6    | 183.0   | 76.1    | 117.9   |
| Crude Rate | 10.0    | 14.8    | 9.3     | 9.4     |



## 2.9. Larynx

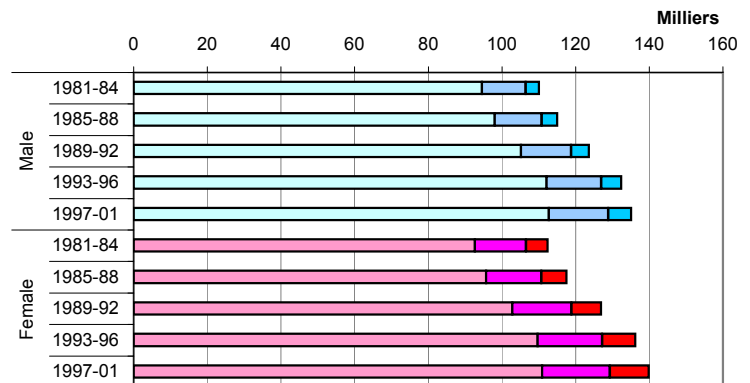
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total      | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                | 60-74     | 75+       |            |                |
| Male         | 1981-84      | 8                   | 17        | 2         | 27         | 7              |
|              | 1985-88      | 5                   | 7         | 2         | 14         | 4              |
|              | 1989-92      | 8                   | 13        | 5         | 26         | 6              |
|              | 1993-96      | 13                  | 13        | 5         | 30         | 8              |
|              | 1997-01      | 8                   | 7         | 3         | 18         | 4              |
| Female       | 1981-84      | 0                   | 0         | 0         | 0          | 0              |
|              | 1985-88      | 0                   | 0         | 0         | 0          | 0              |
|              | 1989-92      | 0                   | 0         | 1         | 1          | 0              |
|              | 1993-96      | 0                   | 1         | 3         | 4          | 1              |
|              | 1997-01      | 0                   | 1         | 3         | 4          | 1              |
| <b>Total</b> | <b>Total</b> | <b>42</b>           | <b>59</b> | <b>23</b> | <b>124</b> |                |



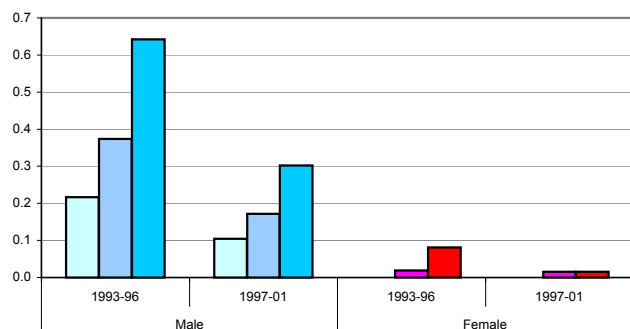
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

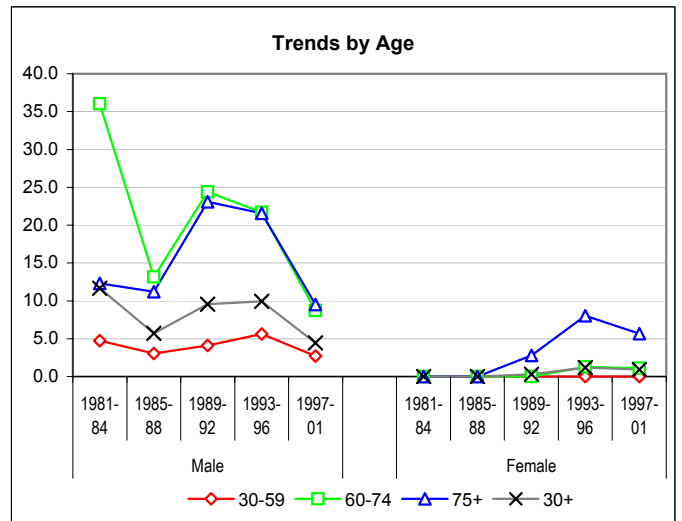
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.22 | 0.37 | 0.64 |
|        | 1997-01 | 0.10 | 0.17 | 0.30 |
| Female | 1993-96 | 0.00 | 0.02 | 0.08 |
|        | 1997-01 | 0.00 | 0.02 | 0.02 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

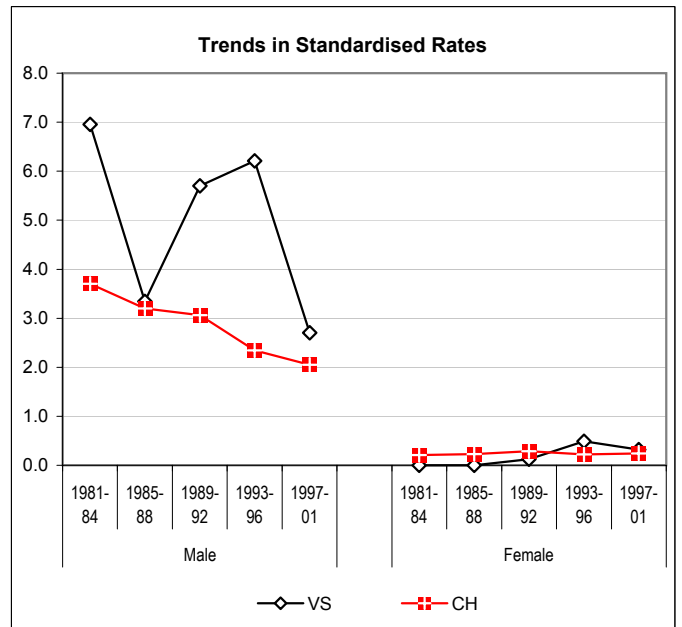
| Sex    | Period       | 30-59 | 60-74   | 75+   | 30+     |
|--------|--------------|-------|---------|-------|---------|
| Male   | 1981-84      | 4.74  | 36.03   | 12.29 | 11.66   |
|        | 1985-88      | 3.04  | 13.15 * | 11.19 | 5.70 *  |
|        | 1989-92      | 4.10  | 24.40   | 23.10 | 9.54    |
|        | 1993-96      | 5.63  | 21.69   | 21.55 | 9.92    |
|        | 1997-01      | 2.72  | 8.69 *  | 9.53  | 4.43 ** |
| Female | 1981-84      | 0.00  | 0.00    | 0.00  | 0.00    |
|        | 1985-88      | 0.00  | 0.00    | 0.00  | 0.00    |
|        | 1989-92      | 0.00  | 0.00    | 2.80  | 0.31    |
|        | 1993-96      | 0.00  | 1.28    | 8.03  | 1.17    |
|        | 1997-01      | 0.00  | 1.09    | 5.67  | 0.91    |
| Male   | Annual Trend | 0.989 | 0.942   | 1.007 | 0.966   |
| Female | Annual Trend | 1.000 | 1.742   | 2.017 | 1.737   |



**European Standardized Rates by Period**

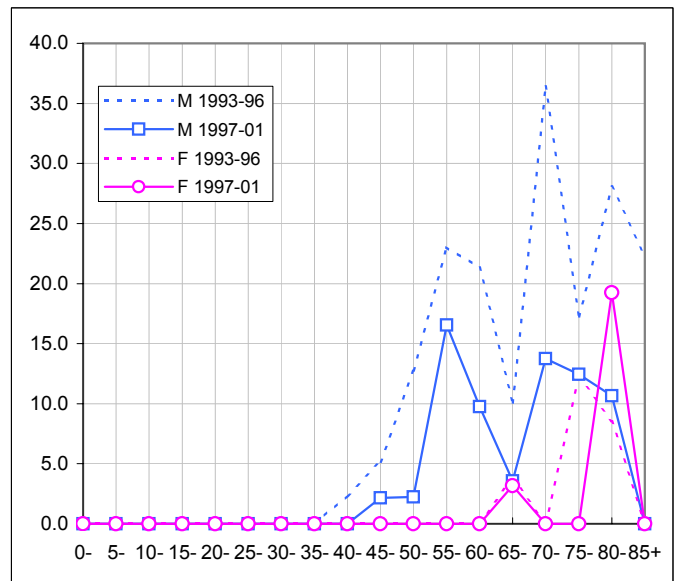
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 6.95  | 3.70  |
|        | 1985-88      | 3.34  | 3.20  |
|        | 1989-92      | 5.70  | 3.06  |
|        | 1993-96      | 6.21  | 2.35  |
|        | 1997-01      | 2.70  | 2.05  |
| Female | 1981-84      | 0.00  | 0.21  |
|        | 1985-88      | 0.00  | 0.23  |
|        | 1989-92      | 0.12  | 0.29  |
|        | 1993-96      | 0.49  | 0.22  |
|        | 1997-01      | 0.32  | 0.24  |
| Male   | Annual Trend | 0.969 | 0.962 |
| Female | Annual Trend | 1.605 | 1.007 |

Stars (\*): statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

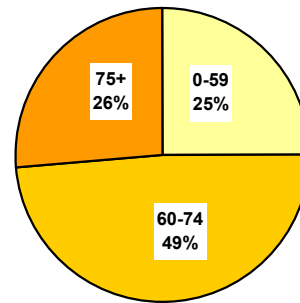
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 2.4     | 0.0     | 0.0     | 0.0     |
| 45-        | 5.2     | 2.2     | 0.0     | 0.0     |
| 50-        | 12.8    | 2.2     | 0.0     | 0.0     |
| 55-        | 23.0    | 16.6    | 0.0     | 0.0     |
| 60-        | 21.3    | 9.7     | 0.0     | 0.0     |
| 65-        | 10.1    | 3.6     | 3.9     | 3.2     |
| 70-        | 36.4    | 13.7    | 0.0     | 0.0     |
| 75-        | 17.3    | 12.4    | 12.3    | 0.0     |
| 80-        | 28.1    | 10.7    | 8.5     | 19.2    |
| 85+        | 22.3    | 0.0     | 0.0     | 0.0     |
| Crude Rate | 5.7     | 2.7     | 0.7     | 0.6     |



## 2.10. Lung, Trachea

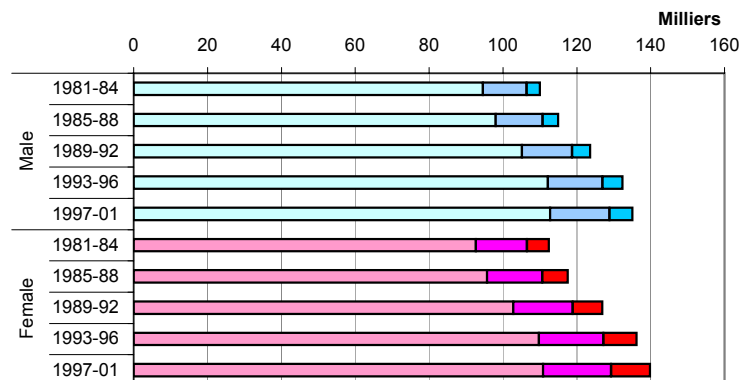
### Number of Deaths

| Sex          | Period       | Deaths by age group |            |            | Total        | Yearly average |
|--------------|--------------|---------------------|------------|------------|--------------|----------------|
|              |              | 0-59                | 60-74      | 75+        |              |                |
| Male         | 1981-84      | 76                  | 139        | 51         | 266          | 66             |
|              | 1985-88      | 63                  | 128        | 69         | 261          | 65             |
|              | 1989-92      | 55                  | 140        | 75         | 270          | 68             |
|              | 1993-96      | 72                  | 158        | 67         | 297          | 74             |
|              | 1997-01      | 86                  | 190        | 130        | 406          | 81             |
| Female       | 1981-84      | 15                  | 15         | 6          | 35           | 9              |
|              | 1985-88      | 12                  | 19         | 14         | 45           | 11             |
|              | 1989-92      | 16                  | 29         | 12         | 56           | 14             |
|              | 1993-96      | 34                  | 30         | 20         | 84           | 21             |
|              | 1997-01      | 39                  | 55         | 49         | 143          | 29             |
| <b>Total</b> | <b>Total</b> | <b>466</b>          | <b>903</b> | <b>493</b> | <b>1'863</b> |                |



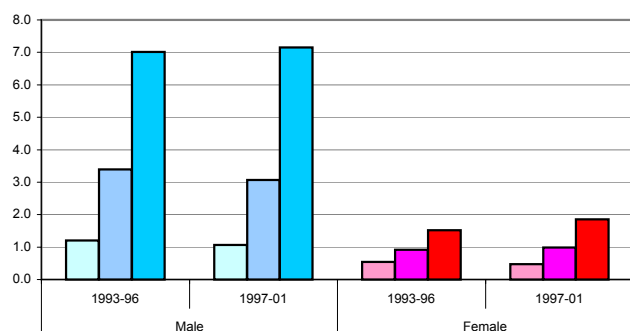
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

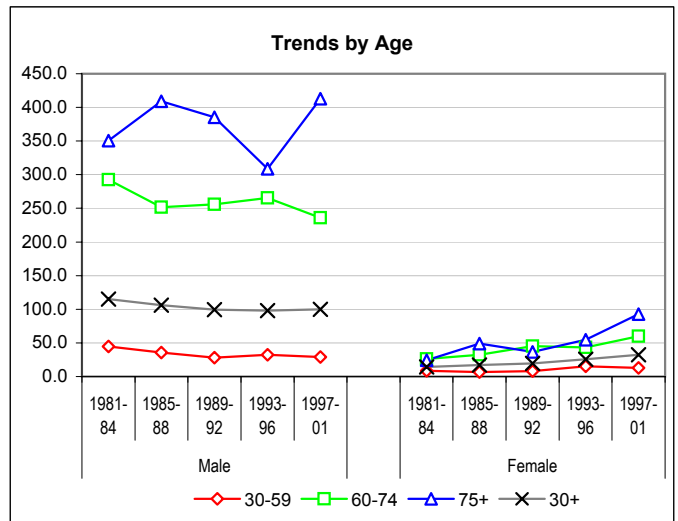
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 1.21 | 3.40 | 7.01 |
|        | 1997-01 | 1.06 | 3.06 | 7.15 |
| Female | 1993-96 | 0.54 | 0.92 | 1.52 |
|        | 1997-01 | 0.47 | 0.99 | 1.85 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

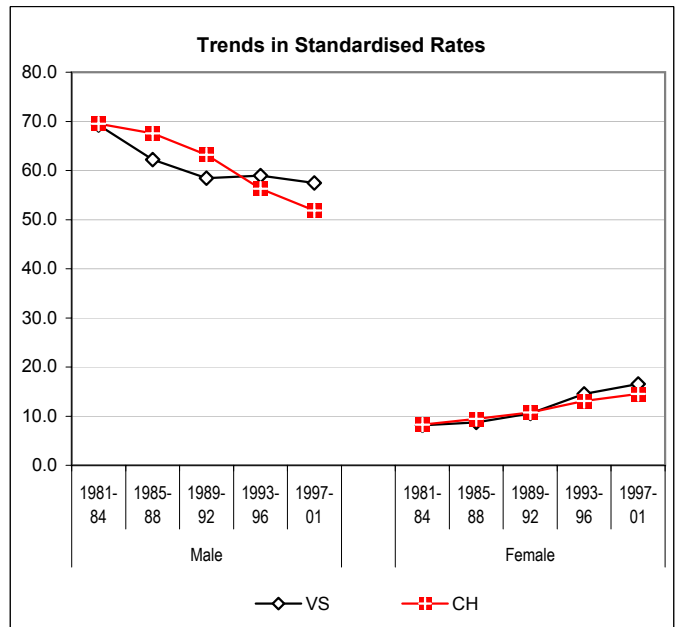
| Sex    | Period       | 30-59   | 60-74  | 75+     | 30+    |
|--------|--------------|---------|--------|---------|--------|
| Male   | 1981-84      | 44.83   | 292.68 | 350.36  | 115.19 |
|        | 1985-88      | 35.53   | 251.87 | 408.86  | 106.22 |
|        | 1989-92      | 27.99   | 256.14 | 385.45  | 99.42  |
|        | 1993-96      | 32.35   | 265.62 | 308.63  | 97.91  |
|        | 1997-01      | 29.19   | 235.83 | 413.08  | 99.83  |
| Female | 1981-84      | 8.77    | 26.29  | 24.46   | 14.22  |
|        | 1985-88      | 6.65    | 32.42  | 49.02   | 16.97  |
|        | 1989-92      | 8.05    | 45.10  | 36.42   | 19.42  |
|        | 1993-96      | 15.38 * | 43.28  | 54.51   | 25.79  |
|        | 1997-01      | 12.96   | 59.70  | 92.65 * | 32.41  |
| Male   | Annual Trend | 0.975   | 0.990  | 1.001   | 0.990  |
| Female | Annual Trend | 1.044   | 1.052  | 1.074   | 1.055  |



**European Standardized Rates by Period**

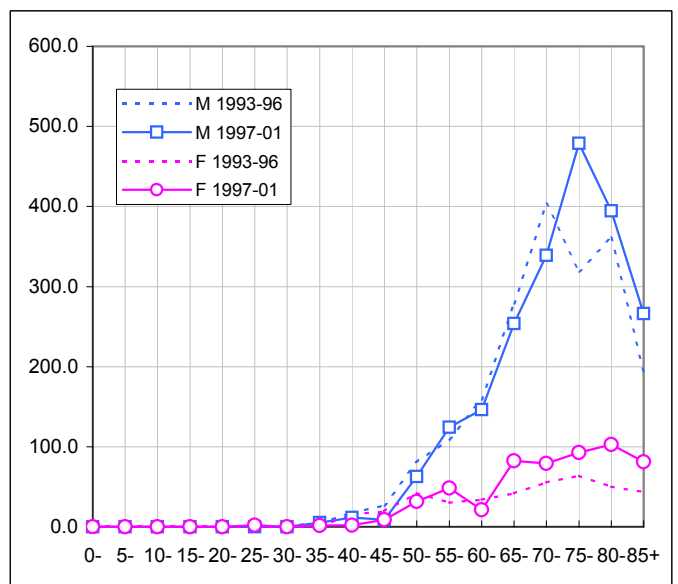
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 69.25   | 69.54 |
|        | 1985-88      | 62.23   | 67.54 |
|        | 1989-92      | 58.46   | 63.21 |
|        | 1993-96      | 58.94   | 56.31 |
|        | 1997-01      | 57.45 * | 51.84 |
| Female | 1981-84      | 8.17    | 8.24  |
|        | 1985-88      | 8.71    | 9.43  |
|        | 1989-92      | 10.58   | 10.77 |
|        | 1993-96      | 14.53   | 13.11 |
|        | 1997-01      | 16.56   | 14.50 |
| Male   | Annual Trend | 0.989   | 0.981 |
| Female | Annual Trend | 1.049   | 1.037 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

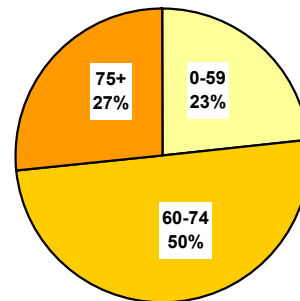
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 2.0     |
| 30-        | 2.1     | 0.0     | 0.0     | 0.0     |
| 35-        | 4.6     | 5.1     | 0.0     | 1.7     |
| 40-        | 18.0    | 11.6    | 16.0    | 2.0     |
| 45-        | 26.6    | 8.6     | 19.3    | 8.7     |
| 50-        | 80.5    | 62.9    | 42.2    | 31.7    |
| 55-        | 109.5   | 124.2   | 30.5    | 48.2    |
| 60-        | 159.0   | 146.2   | 34.0    | 21.3    |
| 65-        | 279.1   | 253.9   | 42.1    | 82.5    |
| 70-        | 403.4   | 339.0   | 55.7    | 79.3    |
| 75-        | 319.1   | 478.9   | 64.0    | 92.7    |
| 80-        | 360.5   | 394.5   | 50.3    | 102.6   |
| 85+        | 193.2   | 266.2   | 43.6    | 81.0    |
| Crude Rate | 56.1    | 60.1    | 15.3    | 20.4    |



## 2.11. Pleura

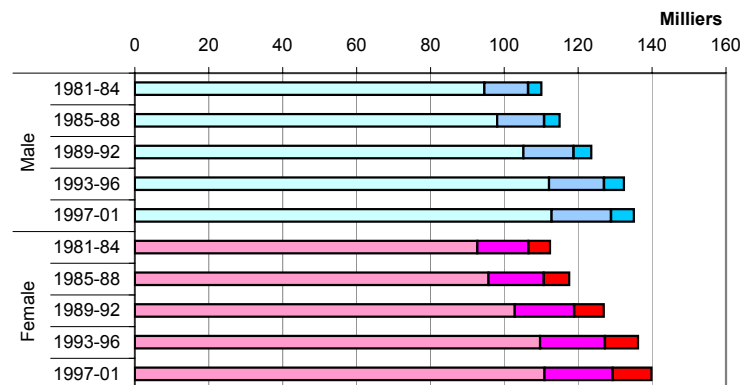
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total     | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|-----------|----------------|
|              |              | 0-59                | 60-74     | 75+       |           |                |
| Male         | 1981-84      | 1                   | 3         | 1         | 5         | 1              |
|              | 1985-88      | 1                   | 3         | 1         | 5         | 1              |
|              | 1989-92      | 4                   | 10        | 4         | 18        | 5              |
|              | 1993-96      | 1                   | 3         | 4         | 8         | 2              |
|              | 1997-01      | 3                   | 4         | 3         | 10        | 2              |
| Female       | 1981-84      | 1                   | 0         | 0         | 1         | 0              |
|              | 1985-88      | 2                   | 2         | 1         | 5         | 1              |
|              | 1989-92      | 1                   | 4         | 1         | 6         | 2              |
|              | 1993-96      | 0                   | 1         | 2         | 3         | 1              |
|              | 1997-01      | 1                   | 2         | 0         | 3         | 1              |
| <b>Total</b> | <b>Total</b> | <b>15</b>           | <b>32</b> | <b>17</b> | <b>64</b> |                |



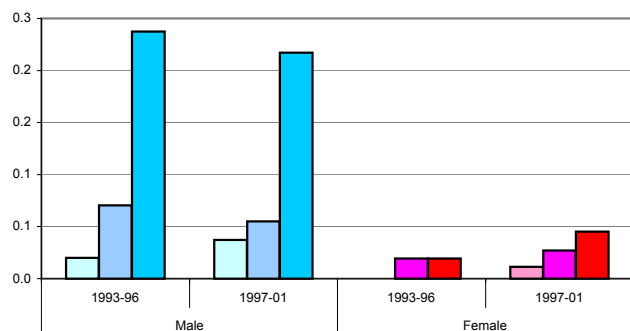
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

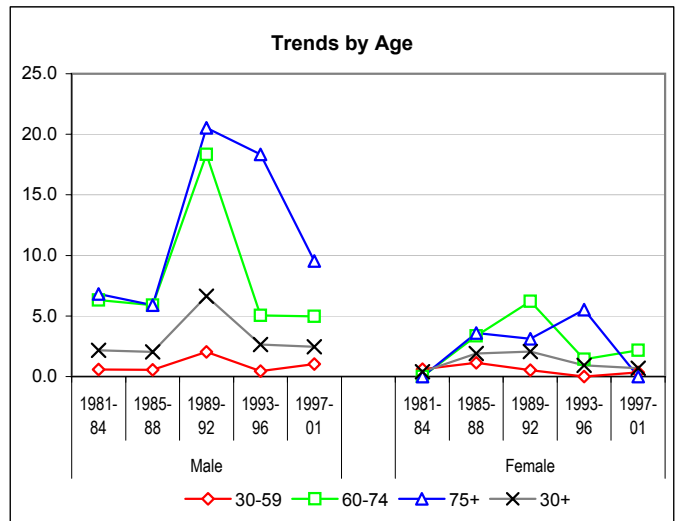
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.02 | 0.07 | 0.24 |
|        | 1997-01 | 0.04 | 0.06 | 0.22 |
| Female | 1993-96 | 0.00 | 0.02 | 0.02 |
|        | 1997-01 | 0.01 | 0.03 | 0.05 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

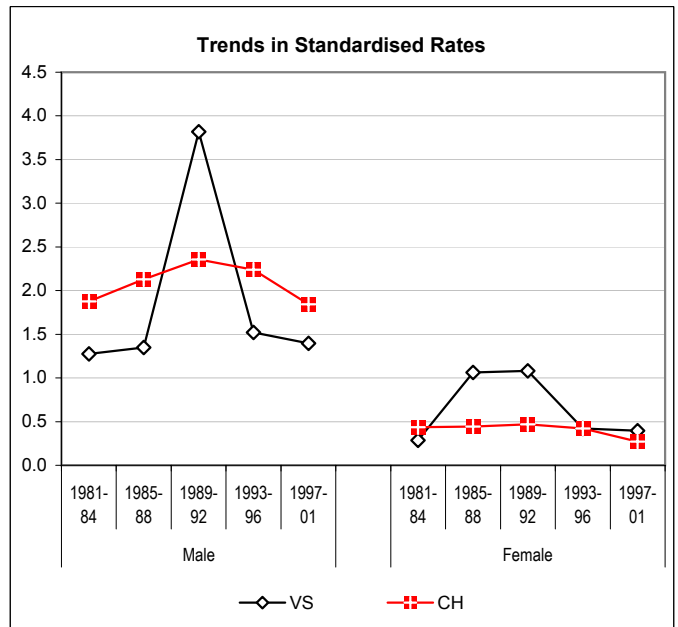
| Sex    | Period       | 30-59 | 60-74  | 75+   | 30+    |
|--------|--------------|-------|--------|-------|--------|
| Male   | 1981-84      | 0.59  | 6.32   | 6.83  | 2.17   |
|        | 1985-88      | 0.56  | 5.89   | 5.89  | 2.04   |
|        | 1989-92      | 2.03  | 18.35  | 20.53 | 6.63 * |
|        | 1993-96      | 0.45  | 5.04 * | 18.34 | 2.64 * |
|        | 1997-01      | 1.02  | 4.97   | 9.53  | 2.46   |
| Female | 1981-84      | 0.60  | 0.00   | 0.00  | 0.41   |
|        | 1985-88      | 1.14  | 3.34   | 3.61  | 1.90   |
|        | 1989-92      | 0.52  | 6.20   | 3.11  | 2.07   |
|        | 1993-96      | 0.00  | 1.42   | 5.54  | 0.93   |
|        | 1997-01      | 0.34  | 2.17   | 0.00  | 0.69   |
| Male   | Annual Trend | 1.022 | 0.985  | 1.052 | 1.015  |
| Female | Annual Trend | 0.794 | 1.480  | 1.047 | 1.012  |



**European Standardized Rates by Period**

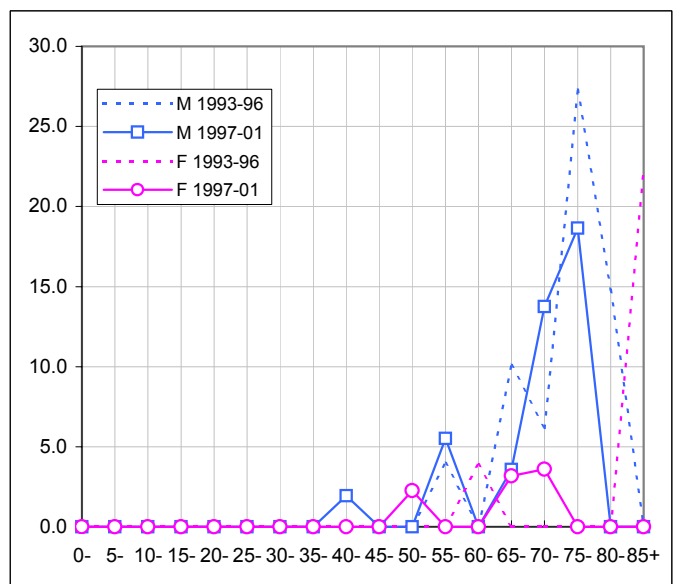
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 1.27  | 1.88  |
|        | 1985-88      | 1.35  | 2.13  |
|        | 1989-92      | 3.82  | 2.36  |
|        | 1993-96      | 1.52  | 2.24  |
|        | 1997-01      | 1.40  | 1.84  |
| Female | 1981-84      | 0.28  | 0.44  |
|        | 1985-88      | 1.06  | 0.44  |
|        | 1989-92      | 1.08  | 0.47  |
|        | 1993-96      | 0.42  | 0.42  |
|        | 1997-01      | 0.39  | 0.27  |
| Male   | Annual Trend | 1.010 | 1.001 |
| Female | Annual Trend | 0.995 | 0.975 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

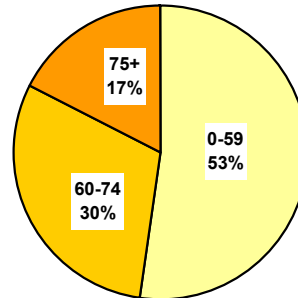
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 1.9     | 0.0     | 0.0     |
| 45-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 50-        | 0.0     | 0.0     | 0.0     | 2.3     |
| 55-        | 4.0     | 5.5     | 0.0     | 0.0     |
| 60-        | 0.0     | 0.0     | 3.9     | 0.0     |
| 65-        | 10.1    | 3.6     | 0.0     | 3.2     |
| 70-        | 6.2     | 13.7    | 0.0     | 3.6     |
| 75-        | 27.3    | 18.7    | 0.0     | 0.0     |
| 80-        | 14.8    | 0.0     | 0.0     | 0.0     |
| 85+        | 0.0     | 0.0     | 22.4    | 0.0     |
| Crude Rate | 1.5     | 1.5     | 0.6     | 0.4     |



## 2.12. Bones, Joints, Cartilage

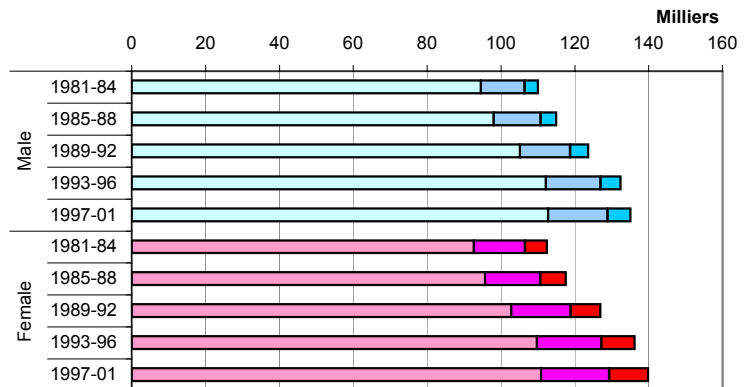
### Number of Deaths

| Sex          | Period       | Deaths by age group |          |          | Total     | Yearly average |
|--------------|--------------|---------------------|----------|----------|-----------|----------------|
|              |              | 0-59                | 60-74    | 75+      |           |                |
| Male         | 1981-84      | 2                   | 2        | 0        | 4         | 1              |
|              | 1985-88      | 1                   | 0        | 0        | 1         | 0              |
|              | 1989-92      | 0                   | 1        | 0        | 1         | 0              |
|              | 1993-96      | 0                   | 0        | 0        | 0         | 0              |
|              | 1997-01      | 2                   | 2        | 1        | 5         | 1              |
| Female       | 1981-84      | 4                   | 0        | 0        | 4         | 1              |
|              | 1985-88      | 2                   | 0        | 1        | 3         | 1              |
|              | 1989-92      | 0                   | 0        | 0        | 0         | 0              |
|              | 1993-96      | 0                   | 0        | 2        | 2         | 1              |
|              | 1997-01      | 1                   | 2        | 0        | 3         | 1              |
| <b>Total</b> | <b>Total</b> | <b>12</b>           | <b>7</b> | <b>4</b> | <b>23</b> |                |



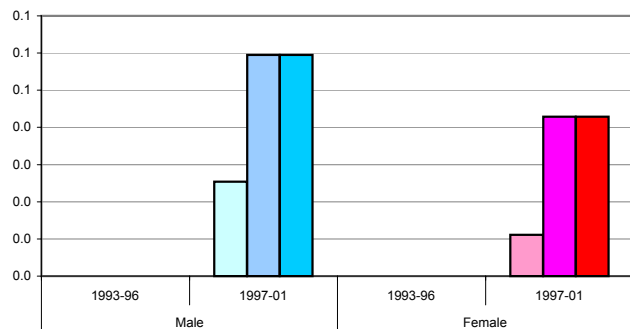
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

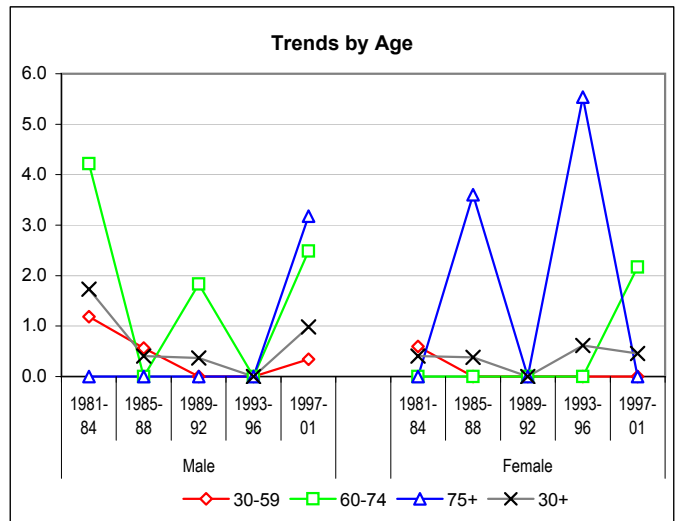
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.00 | 0.00 | 0.00 |
|        | 1997-01 | 0.03 | 0.06 | 0.06 |
| Female | 1993-96 | 0.00 | 0.00 | 0.00 |
|        | 1997-01 | 0.01 | 0.04 | 0.04 |



Crude Rates by Age-Groups and Mean Annual Trend

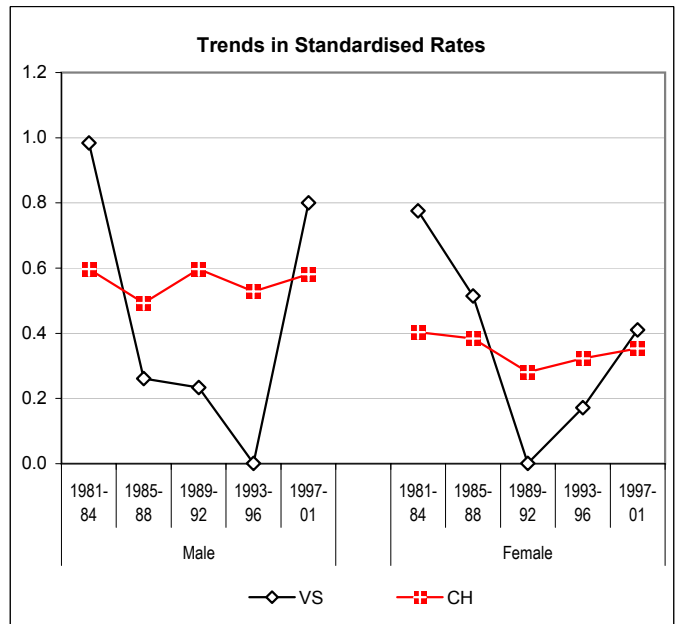
Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      | 1.19  | 4.22  | 0.00  | 1.73  |
|        | 1985-88      | 0.56  | 0.00  | 0.00  | 0.41  |
|        | 1989-92      | 0.00  | 1.84  | 0.00  | 0.37  |
|        | 1993-96      | 0.00  | 0.00  | 0.00  | 0.00  |
|        | 1997-01      | 0.34  | 2.48  | 3.18  | 0.98  |
| Female | 1981-84      | 0.60  | 0.00  | 0.00  | 0.41  |
|        | 1985-88      | 0.00  | 0.00  | 3.61  | 0.38  |
|        | 1989-92      | 0.00  | 0.00  | 0.00  | 0.00  |
|        | 1993-96      | 0.00  | 0.00  | 5.54  | 0.62  |
|        | 1997-01      | 0.00  | 2.17  | 0.00  | 0.46  |
| Male   | Annual Trend | 0.773 | 0.951 | 1.493 | 0.812 |
| Female | Annual Trend | 0.709 | 1.465 | 1.036 | 1.012 |



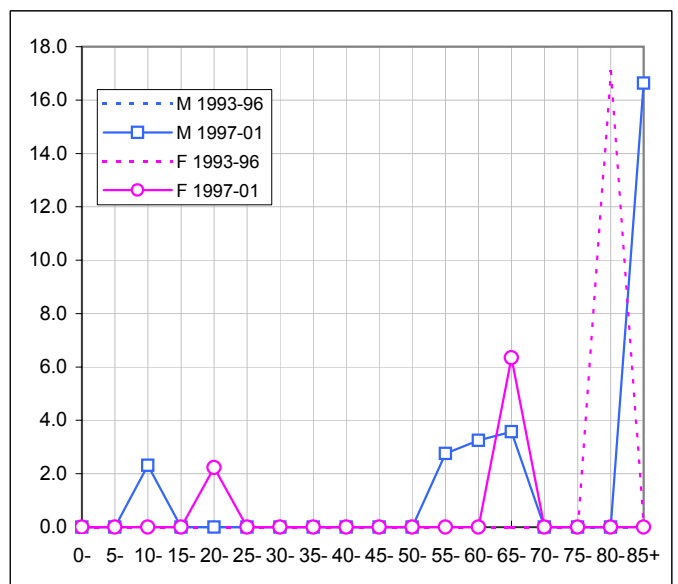
European Standardized Rates by Period

| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 0.98  | 0.60  |
|        | 1985-88      | 0.26  | 0.49  |
|        | 1989-92      | 0.23  | 0.60  |
|        | 1993-96      | 0.00  | 0.53  |
|        | 1997-01      | 0.80  | 0.58  |
| Female | 1981-84      | 0.78  | 0.40  |
|        | 1985-88      | 0.51  | 0.38  |
|        | 1989-92      | 0.00  | 0.28  |
|        | 1993-96      | 0.17  | 0.32  |
|        | 1997-01      | 0.41  | 0.35  |
| Male   | Annual Trend | 0.837 | 1.000 |
| Female | Annual Trend | 0.929 | 0.988 |



Age Specific Rates - Last Periods Compared

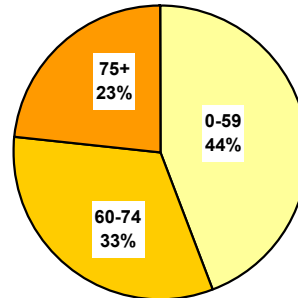
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 2.3     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 2.2     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 45-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 50-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 55-        | 0.0     | 2.8     | 0.0     | 0.0     |
| 60-        | 0.0     | 3.2     | 0.0     | 0.0     |
| 65-        | 0.0     | 3.6     | 0.0     | 6.3     |
| 70-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 75-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 80-        | 0.0     | 0.0     | 17.0    | 0.0     |
| 85+        | 0.0     | 16.6    | 0.0     | 0.0     |
| Crude Rate | 0.0     | 0.7     | 0.4     | 0.4     |



## 2.13. Skin Melanoma

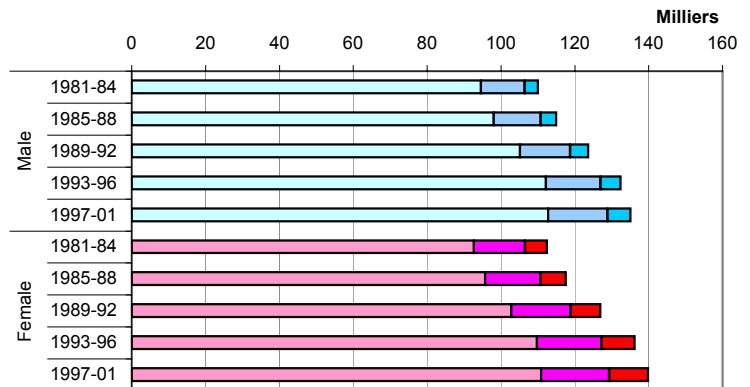
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total      | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                | 60-74     | 75+       |            |                |
| Male         | 1981-84      | 11                  | 2         | 0         | 13         | 3              |
|              | 1985-88      | 3                   | 7         | 2         | 12         | 3              |
|              | 1989-92      | 6                   | 6         | 6         | 18         | 4              |
|              | 1993-96      | 5                   | 7         | 4         | 16         | 4              |
|              | 1997-01      | 8                   | 6         | 3         | 17         | 3              |
| Female       | 1981-84      | 9                   | 3         | 1         | 13         | 3              |
|              | 1985-88      | 3                   | 2         | 5         | 10         | 2              |
|              | 1989-92      | 5                   | 3         | 3         | 11         | 3              |
|              | 1993-96      | 4                   | 3         | 4         | 11         | 3              |
|              | 1997-01      | 10                  | 8         | 7         | 25         | 5              |
| <b>Total</b> | <b>Total</b> | <b>64</b>           | <b>47</b> | <b>34</b> | <b>144</b> |                |



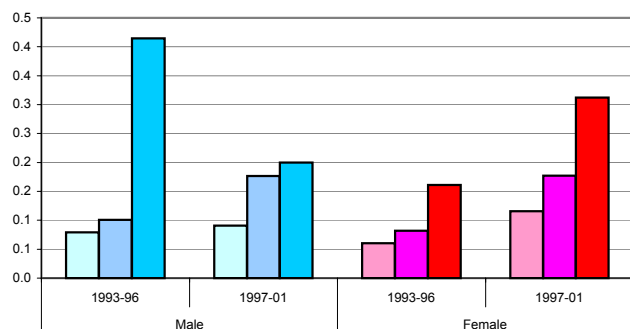
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

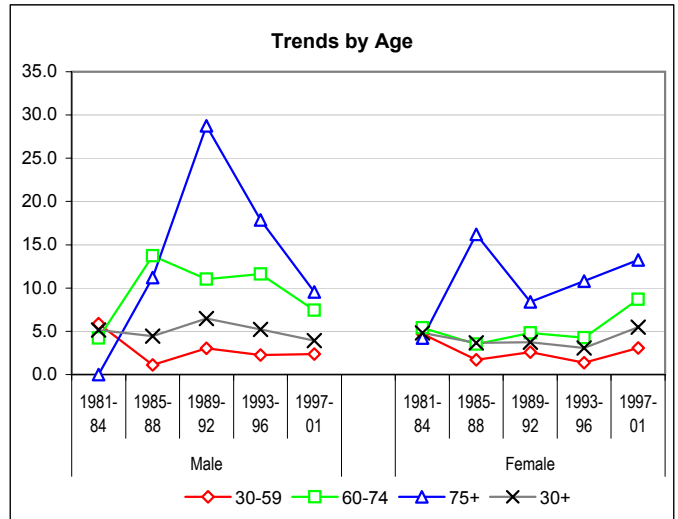
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.08 | 0.10 | 0.41 |
|        | 1997-01 | 0.09 | 0.18 | 0.20 |
| Female | 1993-96 | 0.06 | 0.08 | 0.16 |
|        | 1997-01 | 0.12 | 0.18 | 0.31 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

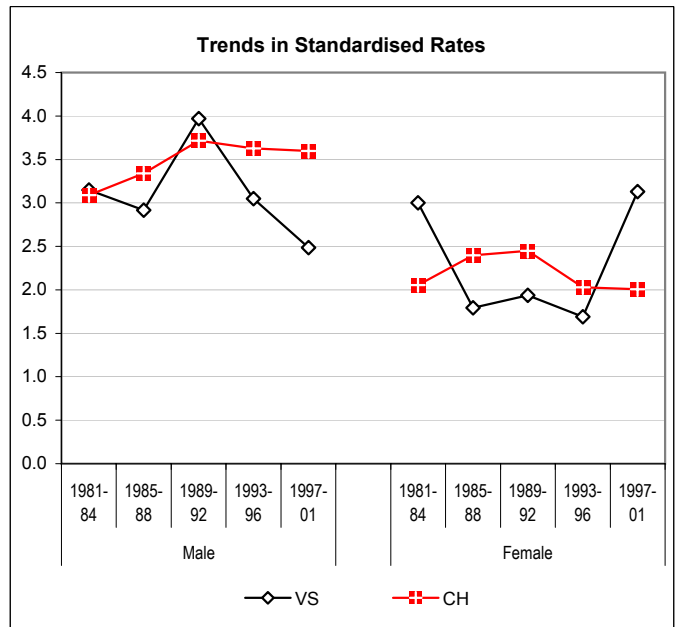
| Sex    | Period       | 30-59  | 60-74 | 75+   | 30+   |
|--------|--------------|--------|-------|-------|-------|
| Male   | 1981-84      | 5.87   | 4.22  | 0.00  | 5.16  |
|        | 1985-88      | 1.13 * | 13.74 | 11.19 | 4.44  |
|        | 1989-92      | 3.04   | 11.01 | 28.74 | 6.48  |
|        | 1993-96      | 2.25   | 11.60 | 17.89 | 5.21  |
|        | 1997-01      | 2.38   | 7.45  | 9.53  | 3.94  |
| Female | 1981-84      | 4.72   | 5.40  | 4.22  | 4.82  |
|        | 1985-88      | 1.71   | 3.51  | 16.22 | 3.64  |
|        | 1989-92      | 2.58   | 4.80  | 8.41  | 3.72  |
|        | 1993-96      | 1.38   | 4.27  | 10.79 | 3.05  |
|        | 1997-01      | 3.07   | 8.69  | 13.24 | 5.48  |
| Male   | Annual Trend | 0.970  | 1.028 | 1.664 | 0.991 |
| Female | Annual Trend | 0.969  | 1.028 | 1.051 | 1.000 |



**European Standardized Rates by Period**

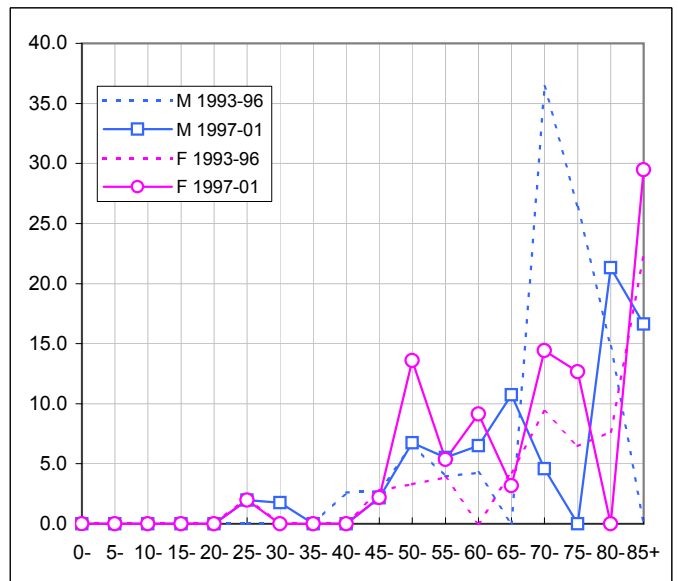
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 3.15  | 3.09  |
|        | 1985-88      | 2.92  | 3.34  |
|        | 1989-92      | 3.97  | 3.72  |
|        | 1993-96      | 3.05  | 3.63  |
|        | 1997-01      | 2.49  | 3.60  |
| Female | 1981-84      | 3.00  | 2.05  |
|        | 1985-88      | 1.79  | 2.40  |
|        | 1989-92      | 1.94  | 2.45  |
|        | 1993-96      | 1.69  | 2.03  |
|        | 1997-01      | 3.13  | 2.01  |
| Male   | Annual Trend | 0.990 | 1.011 |
| Female | Annual Trend | 0.998 | 0.995 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

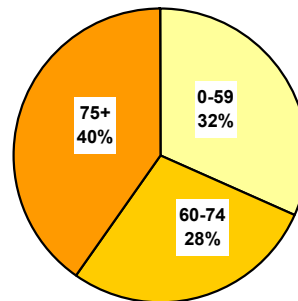
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 2.0     | 2.1     | 2.0     |
| 30-        | 0.0     | 1.7     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 2.6     | 0.0     | 0.0     | 0.0     |
| 45-        | 2.7     | 2.2     | 2.8     | 2.2     |
| 50-        | 6.5     | 6.7     | 3.3     | 13.6    |
| 55-        | 4.0     | 5.5     | 3.9     | 5.4     |
| 60-        | 4.3     | 6.5     | 0.0     | 9.1     |
| 65-        | 0.0     | 10.7    | 4.3     | 3.2     |
| 70-        | 36.4    | 4.6     | 9.4     | 14.4    |
| 75-        | 26.4    | 0.0     | 6.5     | 12.6    |
| 80-        | 14.8    | 21.3    | 7.7     | 0.0     |
| 85+        | 0.0     | 16.6    | 22.4    | 29.5    |
| Crude Rate | 3.0     | 2.5     | 2.0     | 3.6     |



## 2.14. Soft Tissues

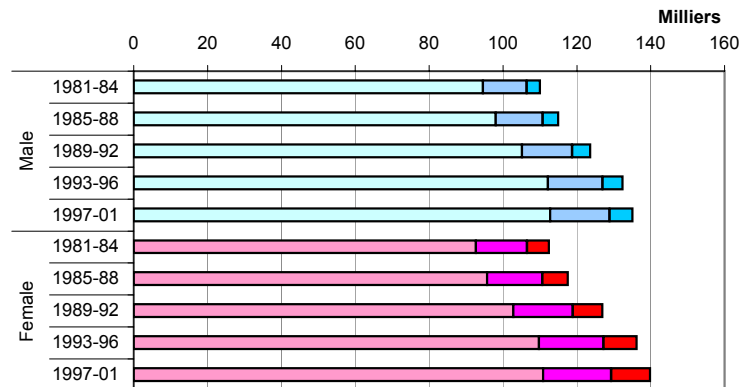
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total     | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|-----------|----------------|
|              |              | 0-59                | 60-74     | 75+       |           |                |
| Male         | 1981-84      | 3                   | 0         | 1         | 4         | 1              |
|              | 1985-88      | 1                   | 0         | 2         | 3         | 1              |
|              | 1989-92      | 2                   | 1         | 0         | 3         | 1              |
|              | 1993-96      | 1                   | 2         | 1         | 4         | 1              |
|              | 1997-01      | 4                   | 2         | 5         | 11        | 2              |
| Female       | 1981-84      | 1                   | 2         | 2         | 5         | 1              |
|              | 1985-88      | 1                   | 2         | 4         | 7         | 2              |
|              | 1989-92      | 2                   | 3         | 1         | 6         | 2              |
|              | 1993-96      | 0                   | 4         | 1         | 5         | 1              |
|              | 1997-01      | 3                   | 0         | 6         | 9         | 2              |
| <b>Total</b> | <b>Total</b> | <b>18</b>           | <b>16</b> | <b>23</b> | <b>57</b> |                |



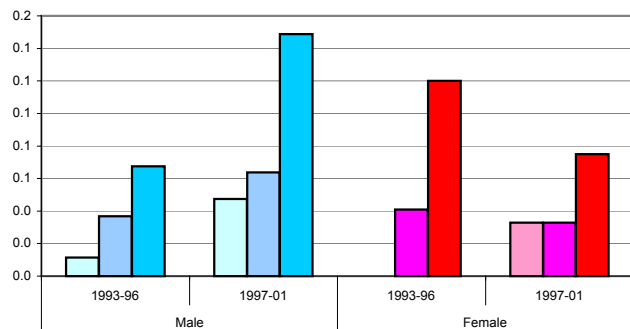
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

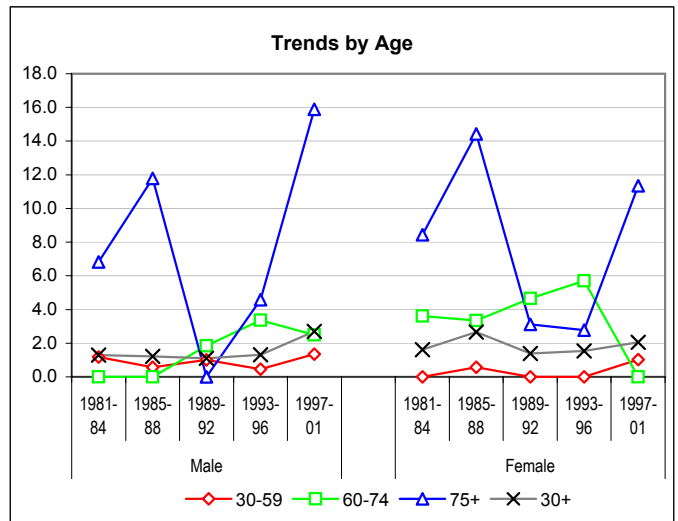
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.01 | 0.04 | 0.07 |
|        | 1997-01 | 0.05 | 0.06 | 0.15 |
| Female | 1993-96 | 0.00 | 0.04 | 0.12 |
|        | 1997-01 | 0.03 | 0.03 | 0.08 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

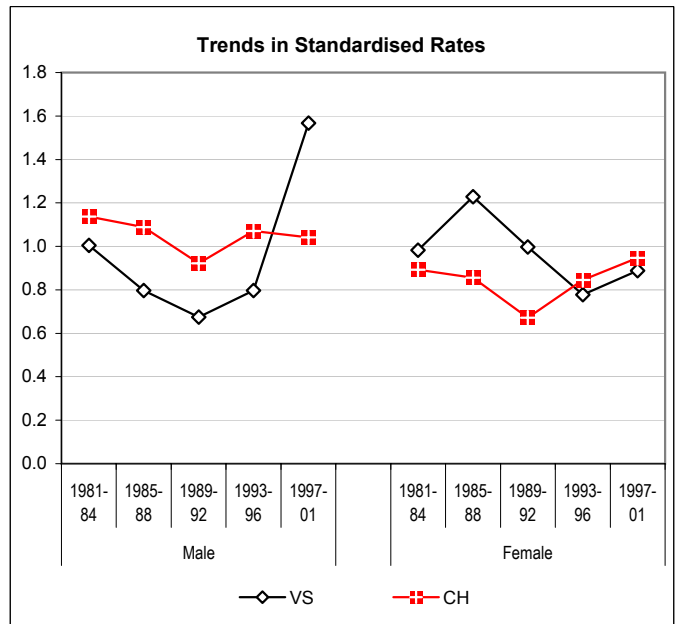
| Sex    | Period       | 30-59 | 60-74  | 75+   | 30+   |
|--------|--------------|-------|--------|-------|-------|
| Male   | 1981-84      | 1.19  | 0.00   | 6.83  | 1.30  |
|        | 1985-88      | 0.56  | 0.00   | 11.78 | 1.22  |
|        | 1989-92      | 1.01  | 1.84   | 0.00  | 1.11  |
|        | 1993-96      | 0.45  | 3.36   | 4.59  | 1.32  |
|        | 1997-01      | 1.36  | 2.48   | 15.89 | 2.71  |
| Female | 1981-84      | 0.00  | 3.60   | 8.43  | 1.62  |
|        | 1985-88      | 0.57  | 3.34   | 14.42 | 2.66  |
|        | 1989-92      | 0.00  | 4.65   | 3.11  | 1.38  |
|        | 1993-96      | 0.00  | 5.70   | 2.77  | 1.54  |
|        | 1997-01      | 1.02  | 0.00 * | 11.35 | 2.06  |
| Male   | Annual Trend | 0.998 | 1.886  | 1.004 | 1.039 |
| Female | Annual Trend | 1.195 | 0.676  | 0.968 | 0.997 |



**European Standardized Rates by Period**

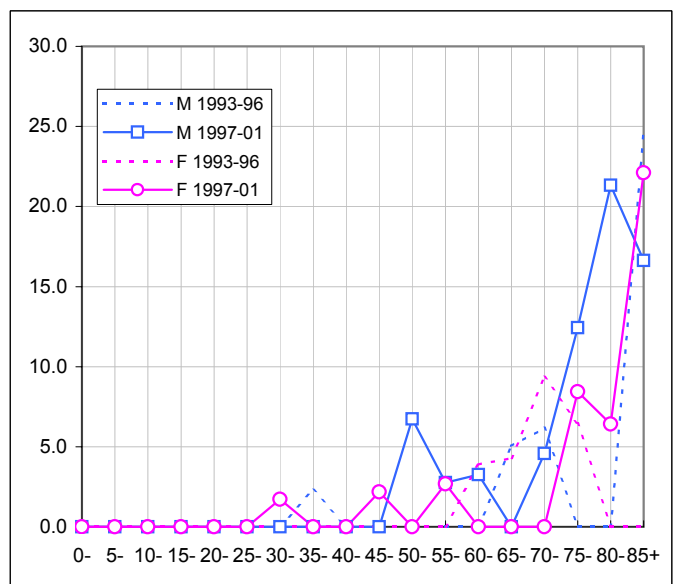
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 1.01  | 1.14  |
|        | 1985-88      | 0.80  | 1.09  |
|        | 1989-92      | 0.67  | 0.92  |
|        | 1993-96      | 0.80  | 1.07  |
|        | 1997-01      | 1.57  | 1.04  |
| Female | 1981-84      | 0.98  | 0.89  |
|        | 1985-88      | 1.23  | 0.86  |
|        | 1989-92      | 1.00  | 0.67  |
|        | 1993-96      | 0.78  | 0.85  |
|        | 1997-01      | 0.89  | 0.95  |
| Male   | Annual Trend | 1.021 | 0.995 |
| Female | Annual Trend | 0.983 | 1.002 |

Stars (\*) : statistically significant differences between VS and CH



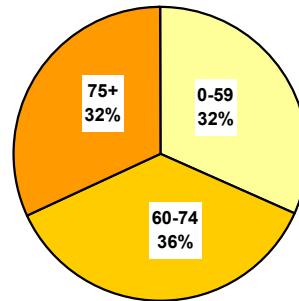
**Age Specific Rates - Last Periods Compared**

| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 1.7     |
| 35-        | 2.3     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 45-        | 0.0     | 0.0     | 0.0     | 2.2     |
| 50-        | 0.0     | 6.7     | 0.0     | 0.0     |
| 55-        | 0.0     | 2.8     | 0.0     | 2.7     |
| 60-        | 0.0     | 3.2     | 3.9     | 0.0     |
| 65-        | 5.0     | 0.0     | 4.3     | 0.0     |
| 70-        | 6.2     | 4.6     | 9.4     | 0.0     |
| 75-        | 0.0     | 12.4    | 6.5     | 8.4     |
| 80-        | 0.0     | 21.3    | 0.0     | 6.4     |
| 85+        | 24.8    | 16.6    | 0.0     | 22.1    |
| Crude Rate | 0.8     | 1.6     | 0.9     | 1.3     |



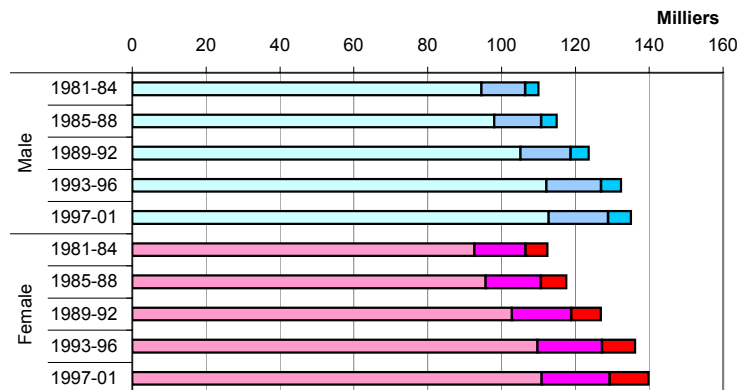
Number of Deaths

| Sex    | Period  | Deaths by age group |       |     | Total | Yearly average |
|--------|---------|---------------------|-------|-----|-------|----------------|
|        |         | 0-59                | 60-74 | 75+ |       |                |
| Male   | 1981-84 | 0                   | 3     | 1   | 4     | 1              |
|        | 1985-88 | 0                   | 1     | 0   | 1     | 0              |
|        | 1989-92 | 0                   | 0     | 0   | 0     | 0              |
|        | 1993-96 | 0                   | 2     | 1   | 3     | 1              |
|        | 1997-01 | 2                   | 1     | 2   | 5     | 1              |
| Female | 1981-84 | 48                  | 62    | 44  | 154   | 38             |
|        | 1985-88 | 41                  | 54    | 42  | 137   | 34             |
|        | 1989-92 | 51                  | 55    | 58  | 164   | 41             |
|        | 1993-96 | 68                  | 76    | 50  | 193   | 48             |
|        | 1997-01 | 66                  | 64    | 82  | 212   | 42             |
| Total  | Total   | 276                 | 317   | 280 | 873   |                |



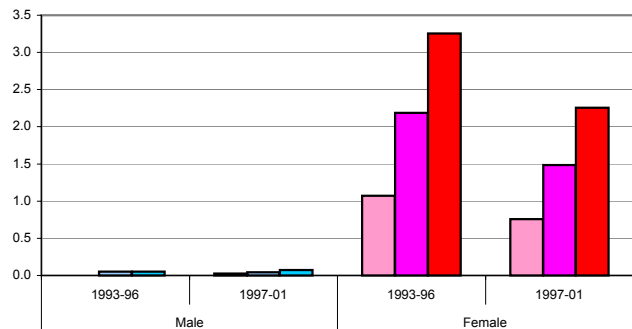
Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



Cumulated Rates (in %) by Age - Two Last Periods

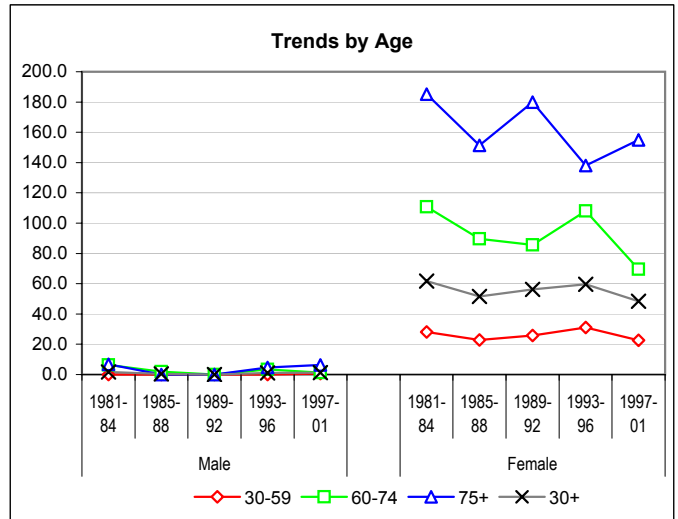
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.00 | 0.05 | 0.05 |
|        | 1997-01 | 0.03 | 0.04 | 0.07 |
| Female | 1993-96 | 1.07 | 2.19 | 3.25 |
|        | 1997-01 | 0.76 | 1.49 | 2.26 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

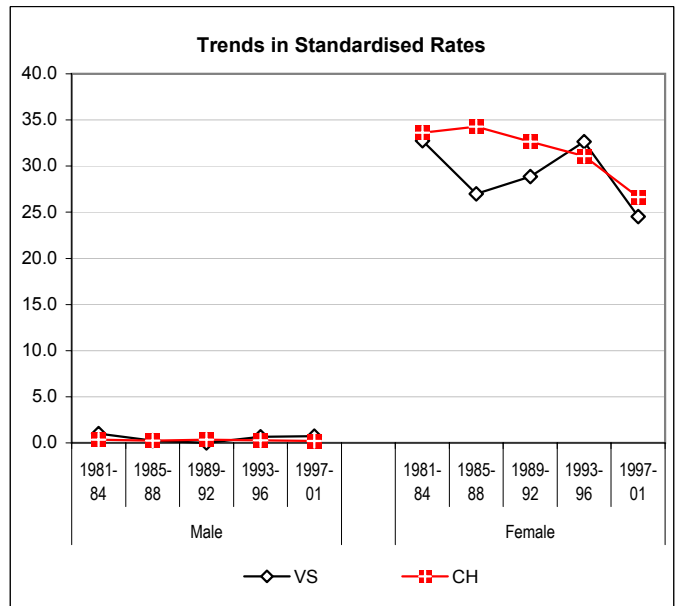
| Sex    | Period       | 30-59   | 60-74    | 75+    | 30+     |
|--------|--------------|---------|----------|--------|---------|
| Male   | 1981-84      | 0.00    | 6.32     | 6.83   | 1.73    |
|        | 1985-88      | 0.00    | 1.96     | 0.00   | 0.41    |
|        | 1989-92      | 0.00    | 0.00     | 0.00   | 0.00    |
|        | 1993-96      | 0.00    | 3.36     | 4.59   | 0.99    |
|        | 1997-01      | 0.68    | 1.24     | 6.36   | 1.23    |
| Female | 1981-84      | 28.11   | 110.74   | 185.12 | 61.79   |
|        | 1985-88      | 22.86   | 89.74    | 151.39 | 51.58   |
|        | 1989-92      | 25.81   | 85.54    | 179.91 | 56.13   |
|        | 1993-96      | 31.04   | 108.05   | 138.08 | 59.65   |
|        | 1997-01      | 22.52 * | 69.47 ** | 155.05 | 48.39 * |
| Male   | Annual Trend | 1.383   | 0.923    | 1.227  | 0.994   |
| Female | Annual Trend | 0.997   | 0.981    | 0.988  | 0.991   |



**European Standardized Rates by Period**

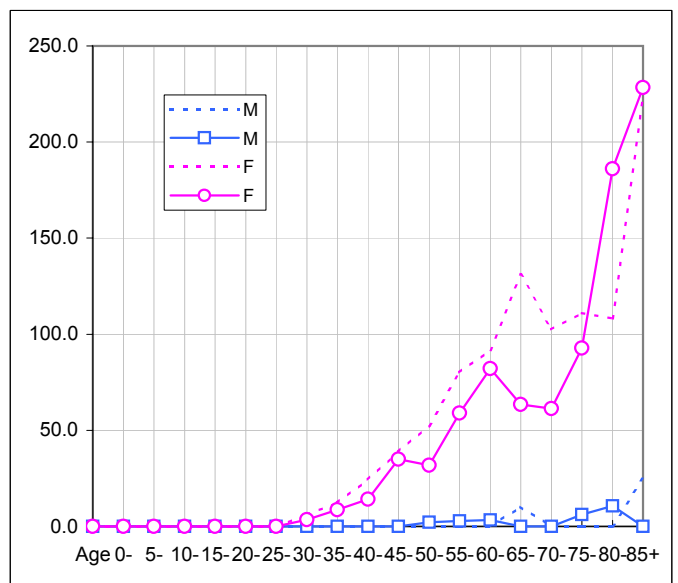
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 1.01    | 0.34  |
|        | 1985-88      | 0.24    | 0.25  |
|        | 1989-92      | 0.00    | 0.34  |
|        | 1993-96      | 0.65    | 0.27  |
|        | 1997-01      | 0.72    | 0.21  |
| Female | 1981-84      | 32.75   | 33.61 |
|        | 1985-88      | 27.00 * | 34.29 |
|        | 1989-92      | 28.87   | 32.63 |
|        | 1993-96      | 32.65   | 31.07 |
|        | 1997-01      | 24.52   | 26.64 |
| Male   | Annual Trend | 0.999   | 0.977 |
| Female | Annual Trend | 0.990   | 0.986 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

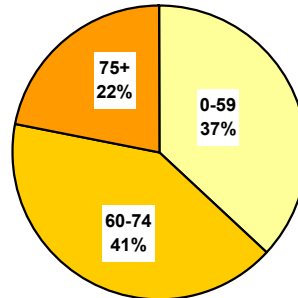
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 6.2     | 3.4     |
| 35-        | 0.0     | 0.0     | 12.3    | 8.6     |
| 40-        | 0.0     | 0.0     | 24.4    | 14.1    |
| 45-        | 0.0     | 0.0     | 38.8    | 34.9    |
| 50-        | 0.0     | 2.2     | 52.5    | 31.7    |
| 55-        | 0.0     | 2.8     | 80.2    | 58.9    |
| 60-        | 0.0     | 3.2     | 91.8    | 82.2    |
| 65-        | 10.1    | 0.0     | 131.0   | 63.5    |
| 70-        | 0.0     | 0.0     | 102.5   | 61.3    |
| 75-        | 0.0     | 6.2     | 111.2   | 92.7    |
| 80-        | 0.0     | 10.7    | 108.3   | 186.0   |
| 85+        | 24.8    | 0.0     | 223.8   | 228.4   |
| Crude Rate | 0.6     | 0.7     | 35.5    | 30.3    |



## 2.16. Cervix Uteri

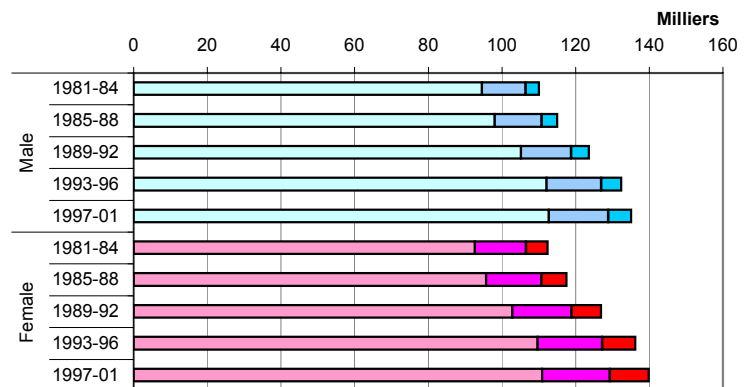
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total     | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|-----------|----------------|
|              |              | 0-59                | 60-74     | 75+       |           |                |
| Male         | 1981-84      |                     |           |           |           |                |
|              | 1985-88      |                     |           |           |           |                |
|              | 1989-92      |                     |           |           |           |                |
|              | 1993-96      |                     |           |           |           |                |
|              | 1997-01      |                     |           |           |           |                |
| Female       | 1981-84      | 10                  | 7         | 7         | 23        | 6              |
|              | 1985-88      | 3                   | 7         | 2         | 12        | 3              |
|              | 1989-92      | 6                   | 5         | 1         | 12        | 3              |
|              | 1993-96      | 3                   | 7         | 2         | 12        | 3              |
|              | 1997-01      | 3                   | 2         | 3         | 8         | 2              |
| <b>Total</b> | <b>Total</b> | <b>24</b>           | <b>27</b> | <b>15</b> | <b>66</b> |                |



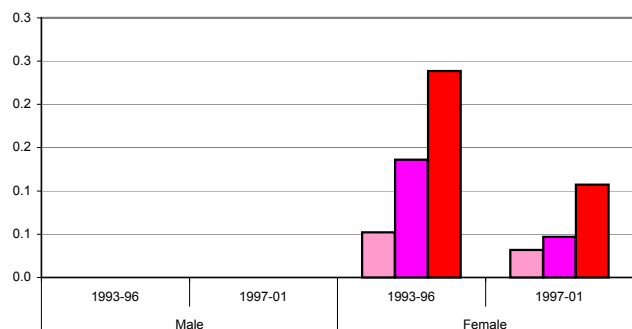
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

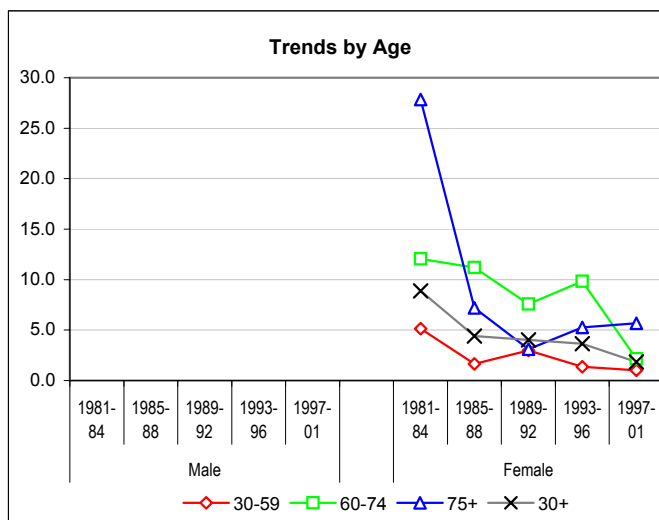
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 |      |      |      |
|        | 1997-01 |      |      |      |
| Female | 1993-96 | 0.05 | 0.14 | 0.24 |
|        | 1997-01 | 0.03 | 0.05 | 0.11 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

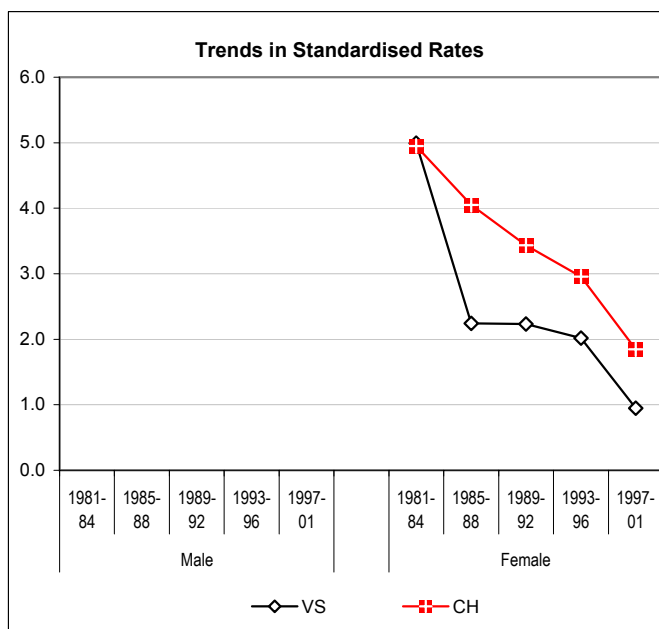
| Sex    | Period       | 30-59 | 60-74  | 75+   | 30+    |
|--------|--------------|-------|--------|-------|--------|
| Male   | 1981-84      |       |        |       |        |
|        | 1985-88      |       |        |       |        |
|        | 1989-92      |       |        |       |        |
|        | 1993-96      |       |        |       |        |
|        | 1997-01      |       |        |       |        |
| Female | 1981-84      | 5.13  | 12.07  | 27.83 | 8.87   |
|        | 1985-88      | 1.65  | 11.20  | 7.21  | 4.40 * |
|        | 1989-92      | 3.00  | 7.59   | 3.11  | 4.03   |
|        | 1993-96      | 1.38  | 9.82   | 5.26  | 3.64   |
|        | 1997-01      | 1.02  | 2.17 * | 5.67  | 1.83   |
| Male   | Annual Trend |       |        |       |        |
| Female | Annual Trend | 0.915 | 0.914  | 0.909 | 0.917  |



**European Standardized Rates by Period**

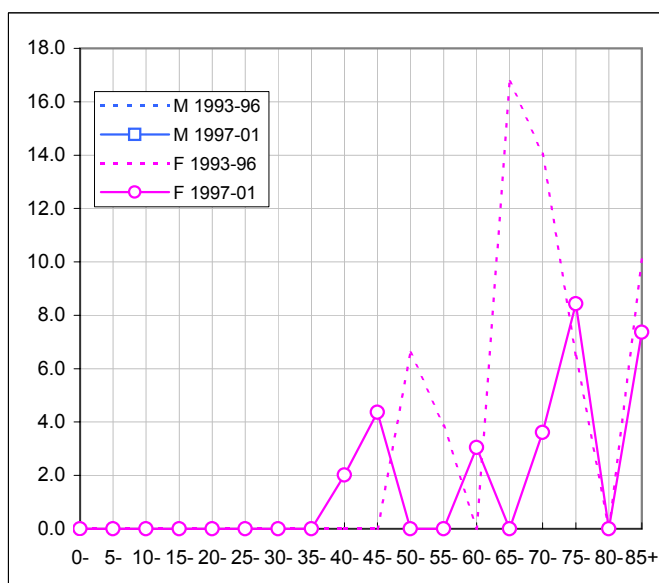
| Sex    | Period       | VS     | CH    |
|--------|--------------|--------|-------|
| Male   | 1981-84      |        |       |
|        | 1985-88      |        |       |
|        | 1989-92      |        |       |
|        | 1993-96      |        |       |
|        | 1997-01      |        |       |
| Female | 1981-84      | 4.99   | 4.95  |
|        | 1985-88      | 2.24 * | 4.05  |
|        | 1989-92      | 2.23   | 3.44  |
|        | 1993-96      | 2.02   | 2.95  |
|        | 1997-01      | 0.95   | 1.85  |
| Male   | Annual Trend |        |       |
| Female | Annual Trend | 0.915  | 0.943 |

Stars (\*) : statistically significant differences between VS and CH



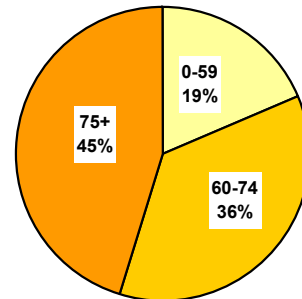
**Age Specific Rates - Last Periods Compared**

| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         |         |         | 0.0     | 0.0     |
| 5-         |         |         | 0.0     | 0.0     |
| 10-        |         |         | 0.0     | 0.0     |
| 15-        |         |         | 0.0     | 0.0     |
| 20-        |         |         | 0.0     | 0.0     |
| 25-        |         |         | 0.0     | 0.0     |
| 30-        |         |         | 0.0     | 0.0     |
| 35-        |         |         | 0.0     | 0.0     |
| 40-        |         |         | 0.0     | 0.0     |
| 45-        |         |         | 0.0     | 4.4     |
| 50-        |         |         | 6.6     | 0.0     |
| 55-        |         |         | 3.9     | 0.0     |
| 60-        |         |         | 0.0     | 3.0     |
| 65-        |         |         | 16.8    | 0.0     |
| 70-        |         |         | 14.0    | 3.6     |
| 75-        |         |         | 6.5     | 8.4     |
| 80-        |         |         | 0.0     | 0.0     |
| 85+        |         |         | 10.1    | 7.4     |
| Crude Rate |         |         | 2.2     | 1.1     |



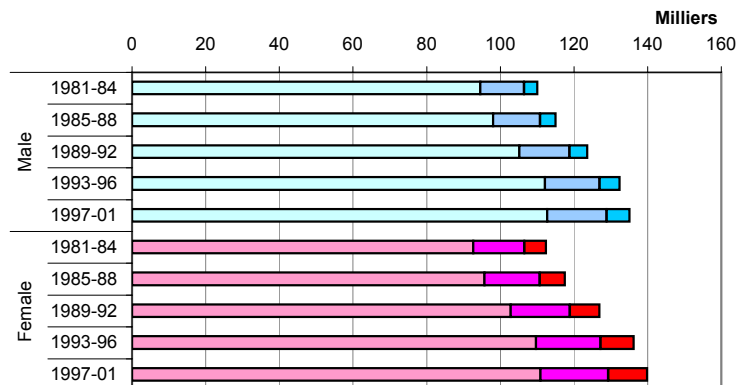
Number of Deaths

| Sex    | Period  | Deaths by age group |       |     | Total | Yearly average |
|--------|---------|---------------------|-------|-----|-------|----------------|
|        |         | 0-59                | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                     |       |     |       |                |
|        | 1985-88 |                     |       |     |       |                |
|        | 1989-92 |                     |       |     |       |                |
|        | 1993-96 |                     |       |     |       |                |
|        | 1997-01 |                     |       |     |       |                |
| Female | 1981-84 | 5                   | 4     | 5   | 14    | 3              |
|        | 1985-88 | 5                   | 10    | 10  | 25    | 6              |
|        | 1989-92 | 4                   | 14    | 14  | 32    | 8              |
|        | 1993-96 | 6                   | 10    | 18  | 34    | 9              |
|        | 1997-01 | 7                   | 14    | 17  | 38    | 8              |
| Total  | Total   | 27                  | 51    | 64  | 142   |                |



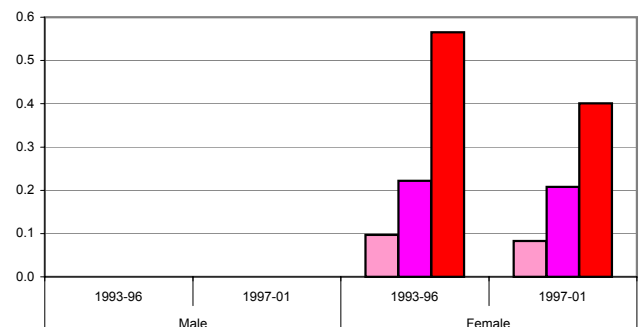
Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



Cumulated Rates (in %) by Age - Two Last Periods

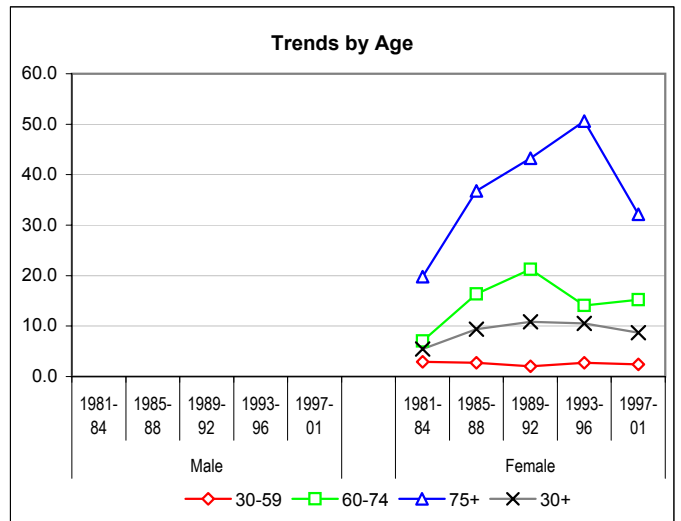
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 |      |      |      |
|        | 1997-01 |      |      |      |
| Female | 1993-96 | 0.10 | 0.22 | 0.57 |
|        | 1997-01 | 0.08 | 0.21 | 0.40 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      |       |       |       |       |
|        | 1993-96      |       |       |       |       |
|        | 1997-01      |       |       |       |       |
| Female | 1981-84      | 2.93  | 7.02  | 19.82 | 5.47  |
|        | 1985-88      | 2.73  | 16.38 | 36.77 | 9.41  |
|        | 1989-92      | 2.01  | 21.23 | 43.27 | 10.85 |
|        | 1993-96      | 2.71  | 14.09 | 50.64 | 10.52 |
|        | 1997-01      | 2.39  | 15.20 | 32.15 | 8.67  |
| Male   | Annual Trend |       |       |       |       |
| Female | Annual Trend | 0.989 | 1.039 | 1.037 | 1.029 |



**European Standardized Rates by Period**

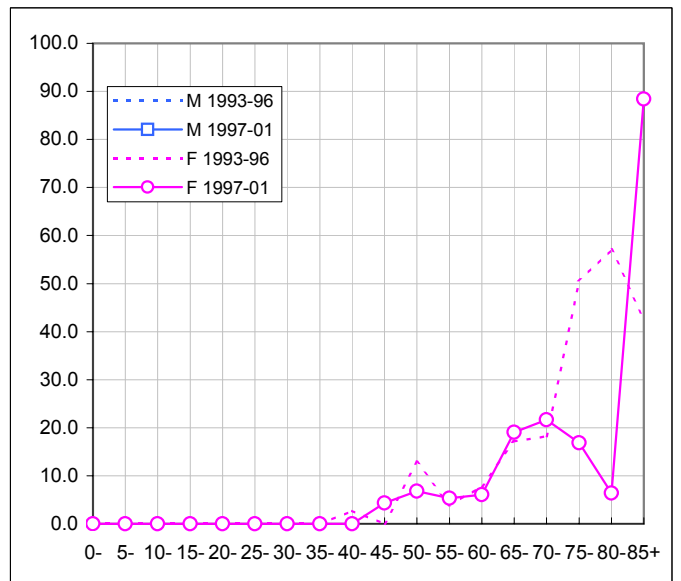
| Sex    | Period       | VS     | CH    |
|--------|--------------|--------|-------|
| Male   | 1981-84      |        |       |
|        | 1985-88      |        |       |
|        | 1989-92      |        |       |
|        | 1993-96      |        |       |
|        | 1997-01      |        |       |
| Female | 1981-84      | 2.86 * | 5.70  |
|        | 1985-88      | 4.44   | 5.20  |
|        | 1989-92      | 5.08   | 5.01  |
|        | 1993-96      | 4.95   | 4.14  |
|        | 1997-01      | 4.10   | 3.50  |
| Male   | Annual Trend |        |       |
| Female | Annual Trend | 1.023  | 0.969 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

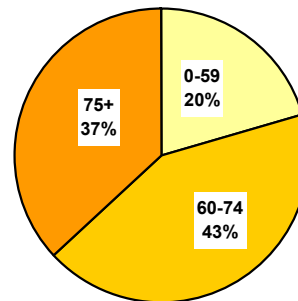
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         |         |         | 0.0     | 0.0     |
| 5-         |         |         | 0.0     | 0.0     |
| 10-        |         |         | 0.0     | 0.0     |
| 15-        |         |         | 0.0     | 0.0     |
| 20-        |         |         | 0.0     | 0.0     |
| 25-        |         |         | 0.0     | 0.0     |
| 30-        |         |         | 0.0     | 0.0     |
| 35-        |         |         | 0.0     | 0.0     |
| 40-        |         |         | 2.7     | 0.0     |
| 45-        |         |         | 0.0     | 4.4     |
| 50-        |         |         | 12.9    | 6.8     |
| 55-        |         |         | 3.9     | 5.4     |
| 60-        |         |         | 7.8     | 6.1     |
| 65-        |         |         | 17.2    | 19.0    |
| 70-        |         |         | 18.3    | 21.6    |
| 75-        |         |         | 50.4    | 16.9    |
| 80-        |         |         | 57.1    | 6.4     |
| 85+        |         |         | 42.5    | 88.4    |
| Crude Rate |         |         | 6.3     | 5.4     |



## 2.18. Ovary

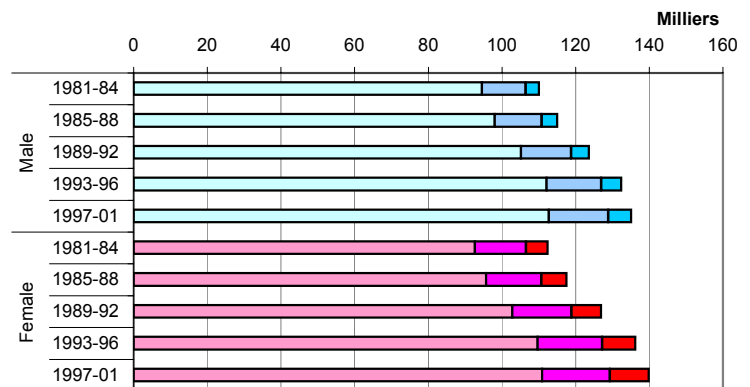
### Number of Deaths

| Sex    | Period  | Deaths by age group |       |     | Total | Yearly average |
|--------|---------|---------------------|-------|-----|-------|----------------|
|        |         | 0-59                | 60-74 | 75+ |       |                |
| Male   | 1981-84 |                     |       |     |       |                |
|        | 1985-88 |                     |       |     |       |                |
|        | 1989-92 |                     |       |     |       |                |
|        | 1993-96 |                     |       |     |       |                |
|        | 1997-01 |                     |       |     |       |                |
| Female | 1981-84 | 8                   | 17    | 13  | 37    | 9              |
|        | 1985-88 | 10                  | 22    | 14  | 47    | 12             |
|        | 1989-92 | 8                   | 21    | 20  | 49    | 12             |
|        | 1993-96 | 12                  | 18    | 27  | 57    | 14             |
|        | 1997-01 | 19                  | 41    | 29  | 89    | 18             |
| Total  | Total   | 57                  | 119   | 103 | 279   |                |



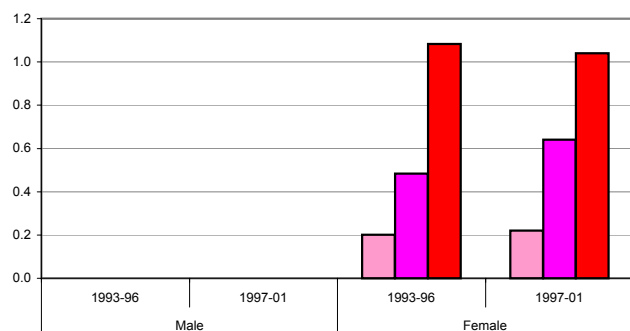
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

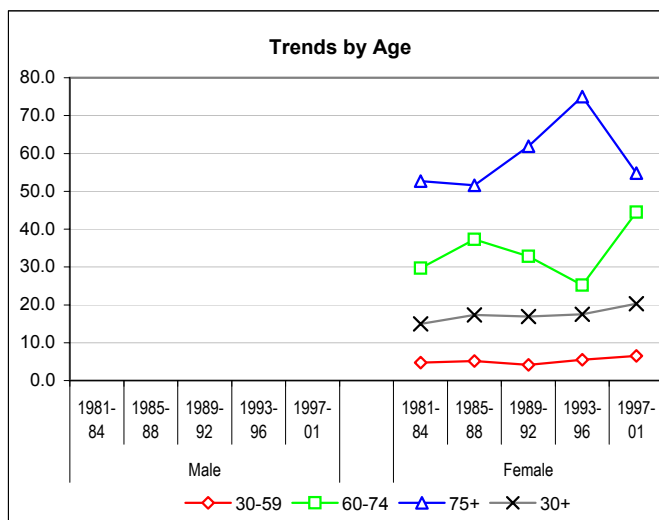
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 |      |      |      |
|        | 1997-01 |      |      |      |
| Female | 1993-96 | 0.20 | 0.48 | 1.08 |
|        | 1997-01 | 0.22 | 0.64 | 1.04 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

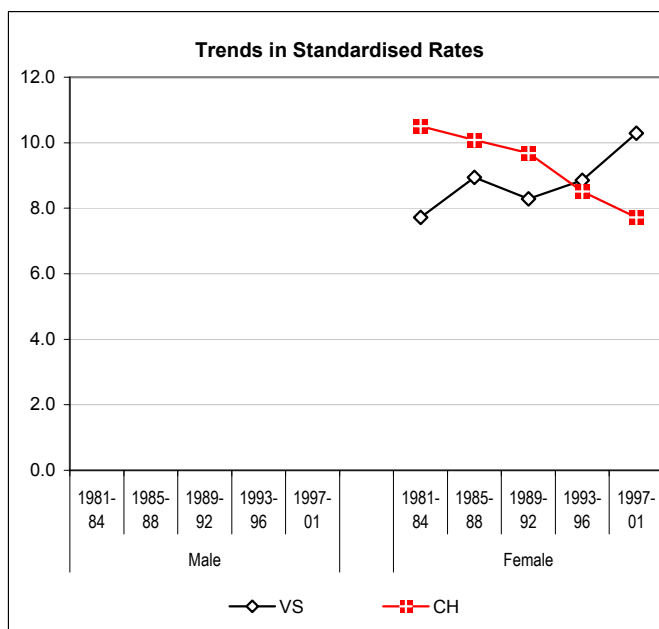
| Sex    | Period       | 30-59 | 60-74   | 75+   | 30+   |
|--------|--------------|-------|---------|-------|-------|
| Male   | 1981-84      |       |         |       |       |
|        | 1985-88      |       |         |       |       |
|        | 1989-92      |       |         |       |       |
|        | 1993-96      |       |         |       |       |
|        | 1997-01      |       |         |       |       |
| Female | 1981-84      | 4.78  | 29.71   | 52.71 | 14.99 |
|        | 1985-88      | 5.12  | 37.27   | 51.55 | 17.31 |
|        | 1989-92      | 4.13  | 32.85   | 61.94 | 16.91 |
|        | 1993-96      | 5.51  | 25.20   | 74.99 | 17.52 |
|        | 1997-01      | 6.48  | 44.51 * | 54.84 | 20.31 |
| Male   | Annual Trend |       |         |       |       |
| Female | Annual Trend | 1.017 | 1.010   | 1.013 | 1.016 |



**European Standardized Rates by Period**

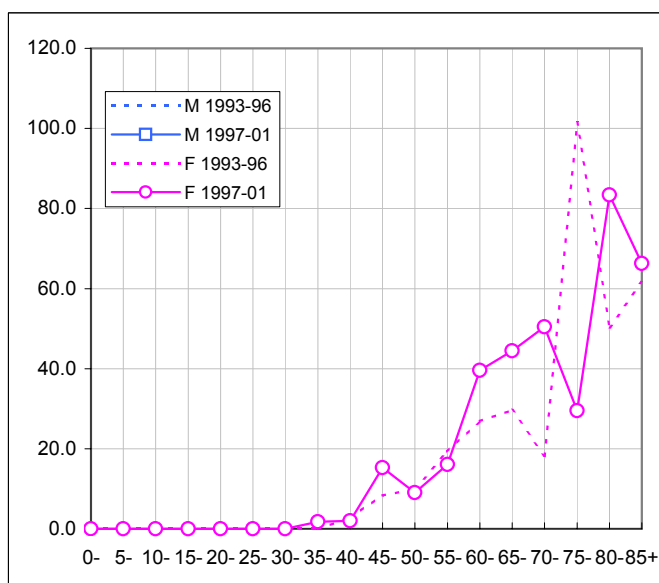
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      |         |       |
|        | 1985-88      |         |       |
|        | 1989-92      |         |       |
|        | 1993-96      |         |       |
|        | 1997-01      |         |       |
| Female | 1981-84      | 7.72    | 10.51 |
|        | 1985-88      | 8.94    | 10.09 |
|        | 1989-92      | 8.28    | 9.69  |
|        | 1993-96      | 8.86    | 8.51  |
|        | 1997-01      | 10.29 * | 7.72  |
| Male   | Annual Trend |         |       |
| Female | Annual Trend | 1.015   | 0.980 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

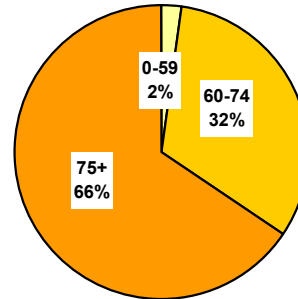
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         |         |         | 0.0     | 0.0     |
| 5-         |         |         | 0.0     | 0.0     |
| 10-        |         |         | 0.0     | 0.0     |
| 15-        |         |         | 0.0     | 0.0     |
| 20-        |         |         | 0.0     | 0.0     |
| 25-        |         |         | 0.0     | 0.0     |
| 30-        |         |         | 0.0     | 0.0     |
| 35-        |         |         | 0.0     | 1.7     |
| 40-        |         |         | 2.7     | 2.0     |
| 45-        |         |         | 8.4     | 15.3    |
| 50-        |         |         | 9.9     | 9.1     |
| 55-        |         |         | 19.3    | 16.1    |
| 60-        |         |         | 26.9    | 39.6    |
| 65-        |         |         | 29.6    | 44.4    |
| 70-        |         |         | 18.3    | 50.5    |
| 75-        |         |         | 101.5   | 29.5    |
| 80-        |         |         | 50.3    | 83.4    |
| 85+        |         |         | 61.5    | 66.3    |
| Crude Rate |         |         | 10.4    | 12.7    |



## 2.19. Prostate

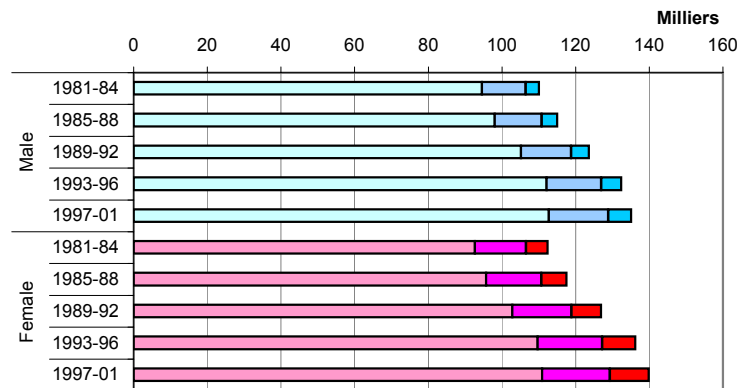
### Number of Deaths

| Sex          | Period       | Deaths by age group |            |            | Total      | Yearly average |
|--------------|--------------|---------------------|------------|------------|------------|----------------|
|              |              | 0-59                | 60-74      | 75+        |            |                |
| Male         | 1981-84      | 3                   | 27         | 55         | 84         | 21             |
|              | 1985-88      | 2                   | 48         | 74         | 123        | 31             |
|              | 1989-92      | 6                   | 43         | 80         | 129        | 32             |
|              | 1993-96      | 5                   | 62         | 125        | 191        | 48             |
|              | 1997-01      | 2                   | 57         | 151        | 210        | 42             |
| Female       | 1981-84      |                     |            |            |            |                |
|              | 1985-88      |                     |            |            |            |                |
|              | 1989-92      |                     |            |            |            |                |
|              | 1993-96      |                     |            |            |            |                |
|              | 1997-01      |                     |            |            |            |                |
| <b>Total</b> | <b>Total</b> | <b>17</b>           | <b>237</b> | <b>484</b> | <b>738</b> |                |



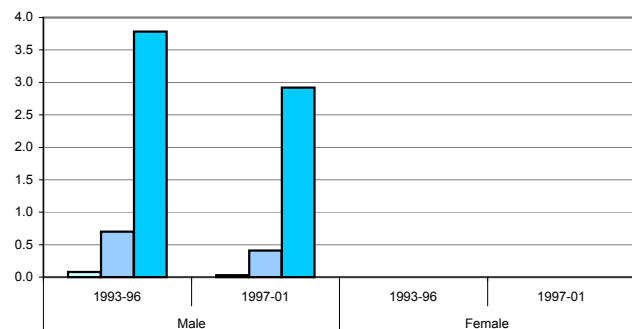
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

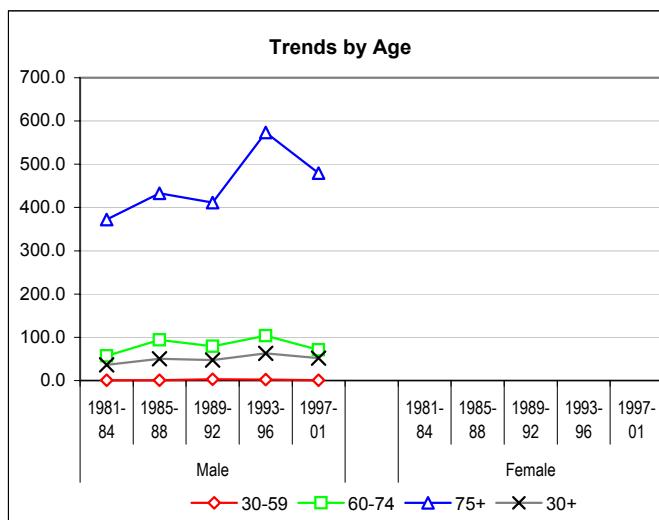
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.08 | 0.70 | 3.78 |
|        | 1997-01 | 0.03 | 0.41 | 2.92 |
| Female | 1993-96 |      |      |      |
|        | 1997-01 |      |      |      |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

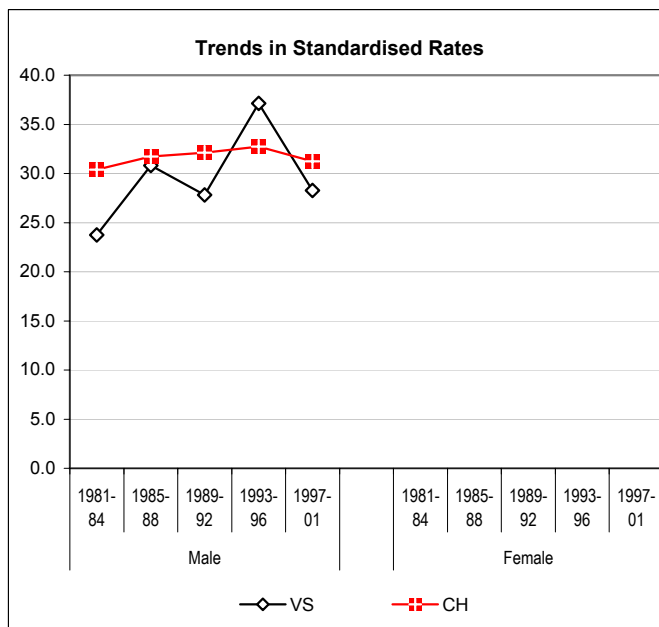
| Sex    | Period       | 30-59 | 60-74   | 75+      | 30+      |
|--------|--------------|-------|---------|----------|----------|
| Male   | 1981-84      | 1.07  | 56.68   | 372.22   | 36.06    |
|        | 1985-88      | 1.07  | 93.64 * | 433.02   | 50.14    |
|        | 1989-92      | 2.84  | 79.45   | 411.62   | 47.54    |
|        | 1993-96      | 2.16  | 103.56  | 573.24 * | 63.06 *  |
|        | 1997-01      | 0.68  | 70.75 * | 479.81   | 51.64 ** |
| Female | 1981-84      |       |         |          |          |
|        | 1985-88      |       |         |          |          |
|        | 1989-92      |       |         |          |          |
|        | 1993-96      |       |         |          |          |
|        | 1997-01      |       |         |          |          |
| Male   | Annual Trend | 0.999 | 1.016   | 1.022    | 1.026    |
| Female | Annual Trend |       |         |          |          |



**European Standardized Rates by Period**

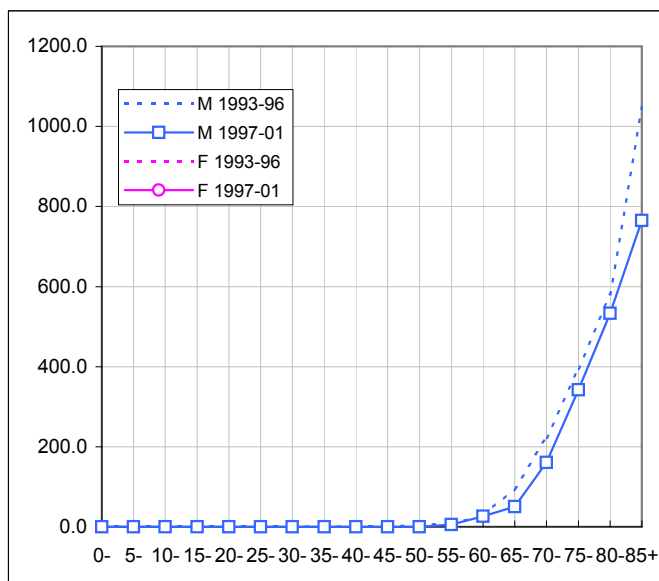
| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 23.76 * | 30.40 |
|        | 1985-88      | 30.83   | 31.74 |
|        | 1989-92      | 27.82   | 32.11 |
|        | 1993-96      | 37.13   | 32.73 |
|        | 1997-01      | 28.27   | 31.22 |
| Female | 1981-84      |         |       |
|        | 1985-88      |         |       |
|        | 1989-92      |         |       |
|        | 1993-96      |         |       |
|        | 1997-01      |         |       |
| Male   | Annual Trend | 1.015   | 1.002 |
| Female | Annual Trend |         |       |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

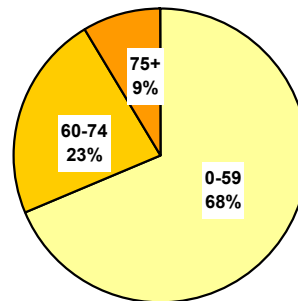
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     |         |         |
| 5-         | 0.0     | 0.0     |         |         |
| 10-        | 0.0     | 0.0     |         |         |
| 15-        | 0.0     | 0.0     |         |         |
| 20-        | 0.0     | 0.0     |         |         |
| 25-        | 0.0     | 0.0     |         |         |
| 30-        | 0.0     | 0.0     |         |         |
| 35-        | 2.3     | 0.0     |         |         |
| 40-        | 0.0     | 0.0     |         |         |
| 45-        | 0.0     | 0.0     |         |         |
| 50-        | 6.2     | 0.0     |         |         |
| 55-        | 7.5     | 5.5     |         |         |
| 60-        | 29.0    | 26.0    |         |         |
| 65-        | 94.9    | 50.1    |         |         |
| 70-        | 222.1   | 160.3   |         |         |
| 75-        | 394.6   | 342.0   |         |         |
| 80-        | 580.6   | 533.0   |         |         |
| 85+        | 1047.5  | 765.3   |         |         |
| Crude Rate | 36.1    | 31.1    |         |         |



## 2.20. Testis

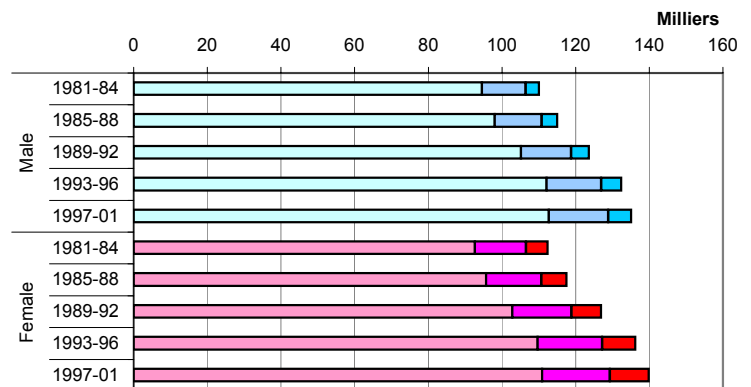
### Number of Deaths

| Sex          | Period       | Deaths by age group |          |          | Total     | Yearly average |
|--------------|--------------|---------------------|----------|----------|-----------|----------------|
|              |              | 0-59                | 60-74    | 75+      |           |                |
| Male         | 1981-84      | 3                   | 1        | 0        | 4         | 1              |
|              | 1985-88      | 4                   | 0        | 0        | 4         | 1              |
|              | 1989-92      | 1                   | 1        | 0        | 2         | 0              |
|              | 1993-96      | 3                   | 1        | 0        | 4         | 1              |
|              | 1997-01      | 1                   | 1        | 1        | 3         | 1              |
| Female       | 1981-84      |                     |          |          |           |                |
|              | 1985-88      |                     |          |          |           |                |
|              | 1989-92      |                     |          |          |           |                |
|              | 1993-96      |                     |          |          |           |                |
|              | 1997-01      |                     |          |          |           |                |
| <b>Total</b> | <b>Total</b> | <b>11</b>           | <b>4</b> | <b>1</b> | <b>16</b> |                |



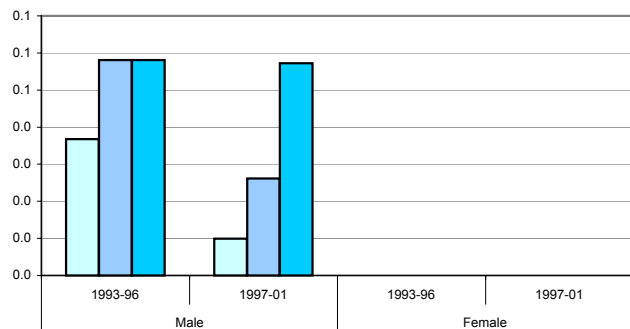
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

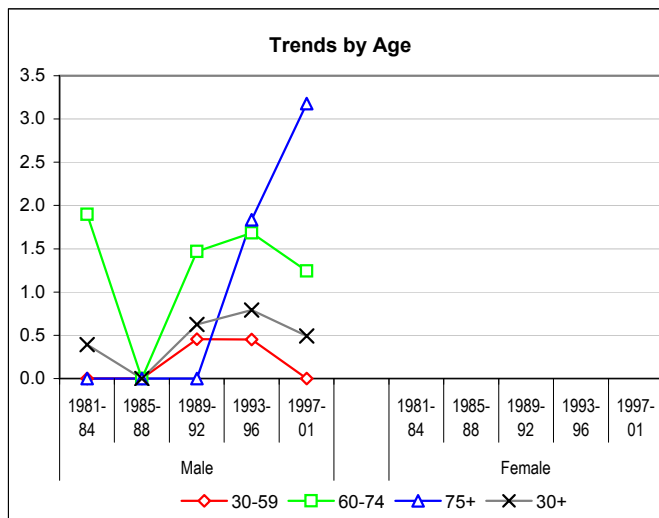
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.04 | 0.06 | 0.06 |
|        | 1997-01 | 0.01 | 0.03 | 0.06 |
| Female | 1993-96 |      |      |      |
|        | 1997-01 |      |      |      |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

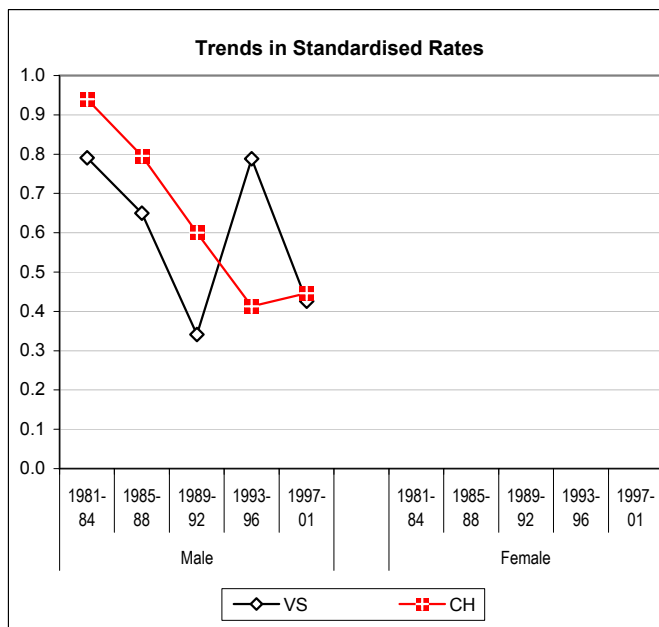
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      | 0.00  | 1.90  | 0.00  | 0.39  |
|        | 1985-88      | 0.00  | 0.00  | 0.00  | 0.00  |
|        | 1989-92      | 0.46  | 1.47  | 0.00  | 0.63  |
|        | 1993-96      | 0.45  | 1.68  | 1.84  | 0.79  |
|        | 1997-01      | 0.00  | 1.24  | 3.18  | 0.49  |
| Female | 1981-84      |       |       |       |       |
|        | 1985-88      |       |       |       |       |
|        | 1989-92      |       |       |       |       |
|        | 1993-96      |       |       |       |       |
|        | 1997-01      |       |       |       |       |
| Male   | Annual Trend | 1.204 | 1.189 | 1.857 | 1.208 |
| Female | Annual Trend |       |       |       |       |



**European Standardized Rates by Period**

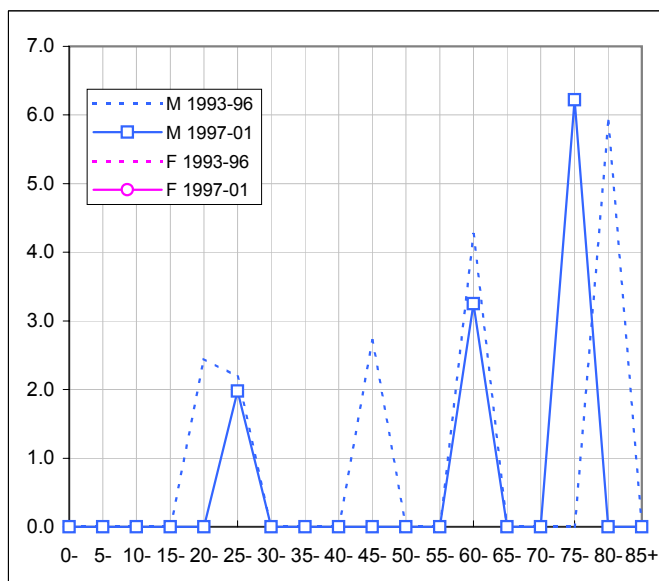
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 0.79  | 0.94  |
|        | 1985-88      | 0.65  | 0.80  |
|        | 1989-92      | 0.34  | 0.60  |
|        | 1993-96      | 0.79  | 0.41  |
|        | 1997-01      | 0.43  | 0.45  |
| Female | 1981-84      |       |       |
|        | 1985-88      |       |       |
|        | 1989-92      |       |       |
|        | 1993-96      |       |       |
|        | 1997-01      |       |       |
| Male   | Annual Trend | 0.974 | 0.944 |
| Female | Annual Trend |       |       |

Stars (\*): statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

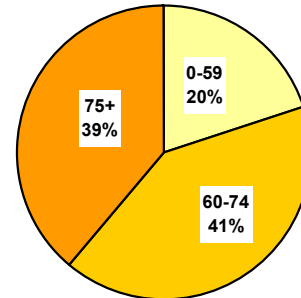
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     |         |         |
| 5-         | 0.0     | 0.0     |         |         |
| 10-        | 0.0     | 0.0     |         |         |
| 15-        | 0.0     | 0.0     |         |         |
| 20-        | 2.4     | 0.0     |         |         |
| 25-        | 2.2     | 2.0     |         |         |
| 30-        | 0.0     | 0.0     |         |         |
| 35-        | 0.0     | 0.0     |         |         |
| 40-        | 0.0     | 0.0     |         |         |
| 45-        | 2.7     | 0.0     |         |         |
| 50-        | 0.0     | 0.0     |         |         |
| 55-        | 0.0     | 0.0     |         |         |
| 60-        | 4.3     | 3.2     |         |         |
| 65-        | 0.0     | 0.0     |         |         |
| 70-        | 0.0     | 0.0     |         |         |
| 75-        | 0.0     | 6.2     |         |         |
| 80-        | 5.9     | 0.0     |         |         |
| 85+        | 0.0     | 0.0     |         |         |
| Crude Rate | 0.8     | 0.4     |         |         |



## 2.21. Kidney & Urinary Organs

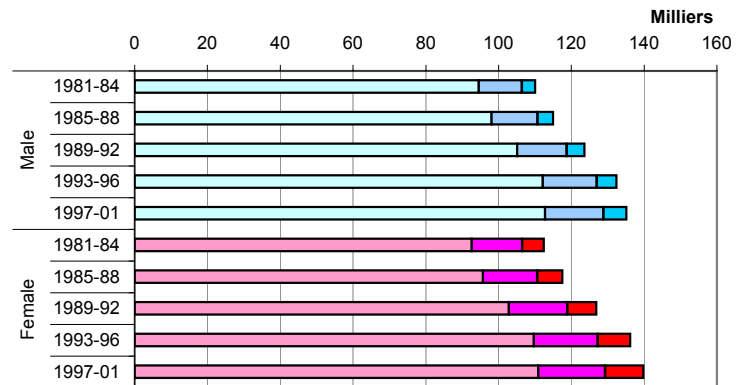
### Number of Deaths

| Sex    | Period  | Deaths by age group |       |     | Total | Yearly average |
|--------|---------|---------------------|-------|-----|-------|----------------|
|        |         | 0-59                | 60-74 | 75+ |       |                |
| Male   | 1981-84 | 7                   | 12    | 4   | 23    | 6              |
|        | 1985-88 | 7                   | 13    | 8   | 28    | 7              |
|        | 1989-92 | 3                   | 12    | 11  | 26    | 7              |
|        | 1993-96 | 8                   | 16    | 9   | 33    | 8              |
|        | 1997-01 | 14                  | 13    | 15  | 42    | 8              |
| Female | 1981-84 | 2                   | 2     | 6   | 10    | 3              |
|        | 1985-88 | 2                   | 10    | 9   | 21    | 5              |
|        | 1989-92 | 2                   | 8     | 8   | 18    | 5              |
|        | 1993-96 | 2                   | 8     | 13  | 23    | 6              |
|        | 1997-01 | 3                   | 9     | 14  | 26    | 5              |
| Total  | Total   | 50                  | 103   | 97  | 250   |                |



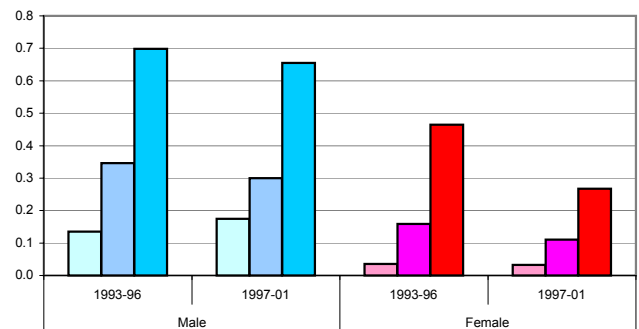
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

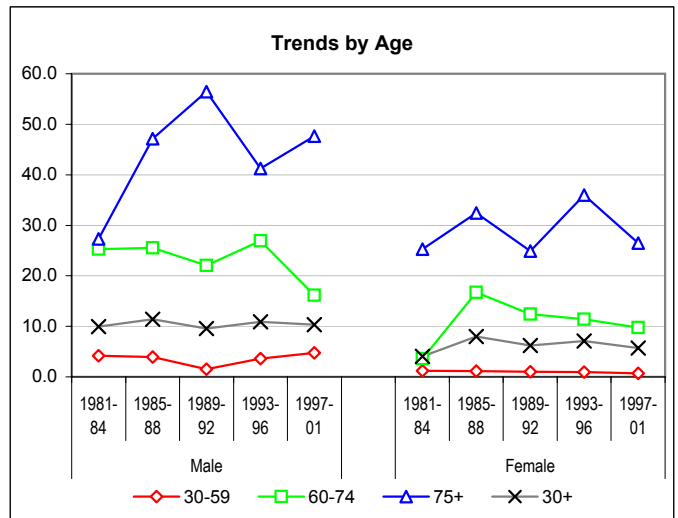
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.14 | 0.35 | 0.70 |
|        | 1997-01 | 0.17 | 0.30 | 0.65 |
| Female | 1993-96 | 0.04 | 0.16 | 0.46 |
|        | 1997-01 | 0.03 | 0.11 | 0.27 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

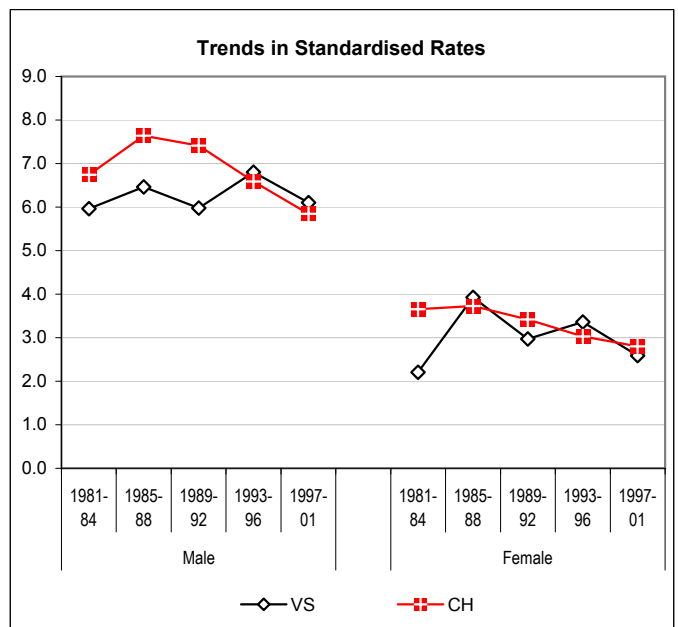
| Sex    | Period       | 30-59 | 60-74   | 75+   | 30+   |
|--------|--------------|-------|---------|-------|-------|
| Male   | 1981-84      | 4.15  | 25.29   | 27.32 | 9.97  |
|        | 1985-88      | 3.94  | 25.52   | 47.13 | 11.41 |
|        | 1989-92      | 1.52  | 22.02   | 56.46 | 9.57  |
|        | 1993-96      | 3.60  | 26.90   | 41.27 | 10.87 |
|        | 1997-01      | 4.75  | 16.14   | 47.66 | 10.33 |
| Female | 1981-84      | 1.19  | 3.60    | 25.30 | 4.05  |
|        | 1985-88      | 1.14  | 16.71 * | 32.44 | 7.97  |
|        | 1989-92      | 1.03  | 12.40   | 24.90 | 6.20  |
|        | 1993-96      | 0.92  | 11.39   | 35.97 | 7.10  |
|        | 1997-01      | 0.68  | 9.77    | 26.47 | 5.71  |
| Male   | Annual Trend | 1.003 | 0.979   | 1.027 | 1.001 |
| Female | Annual Trend | 0.966 | 1.045   | 1.006 | 1.016 |



**European Standardized Rates by Period**

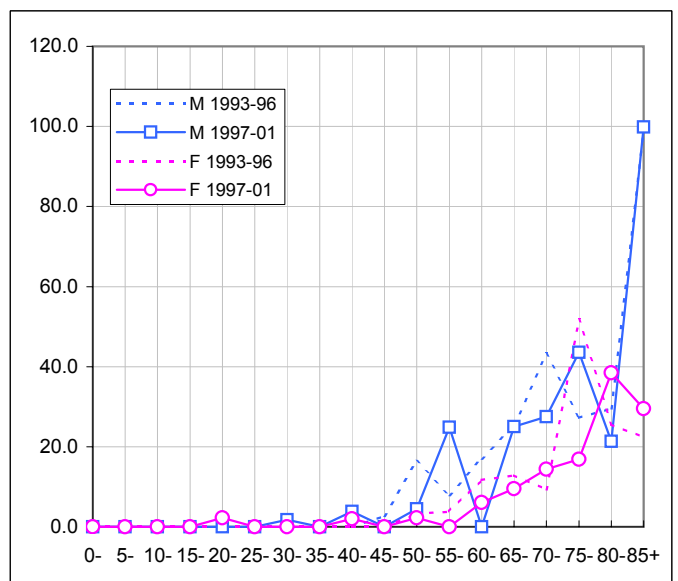
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 5.96  | 6.74  |
|        | 1985-88      | 6.47  | 7.64  |
|        | 1989-92      | 5.98  | 7.41  |
|        | 1993-96      | 6.80  | 6.59  |
|        | 1997-01      | 6.11  | 5.84  |
| Female | 1981-84      | 2.21  | 3.65  |
|        | 1985-88      | 3.93  | 3.73  |
|        | 1989-92      | 2.97  | 3.42  |
|        | 1993-96      | 3.36  | 3.03  |
|        | 1997-01      | 2.59  | 2.80  |
| Male   | Annual Trend | 1.003 | 0.989 |
| Female | Annual Trend | 1.005 | 0.981 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

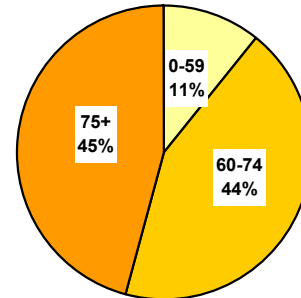
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 2.2     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 1.7     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 3.9     | 0.0     | 2.0     |
| 45-        | 2.7     | 0.0     | 0.0     | 0.0     |
| 50-        | 16.4    | 4.5     | 3.3     | 2.3     |
| 55-        | 7.9     | 24.8    | 3.9     | 0.0     |
| 60-        | 17.1    | 0.0     | 11.7    | 6.1     |
| 65-        | 25.2    | 25.0    | 12.9    | 9.5     |
| 70-        | 43.2    | 27.5    | 9.4     | 14.4    |
| 75-        | 27.3    | 43.5    | 51.7    | 16.9    |
| 80-        | 29.5    | 21.3    | 25.6    | 38.5    |
| 85+        | 99.1    | 99.8    | 22.4    | 29.5    |
| Crude Rate | 6.2     | 6.2     | 4.2     | 3.7     |



## 2.22. Bladder

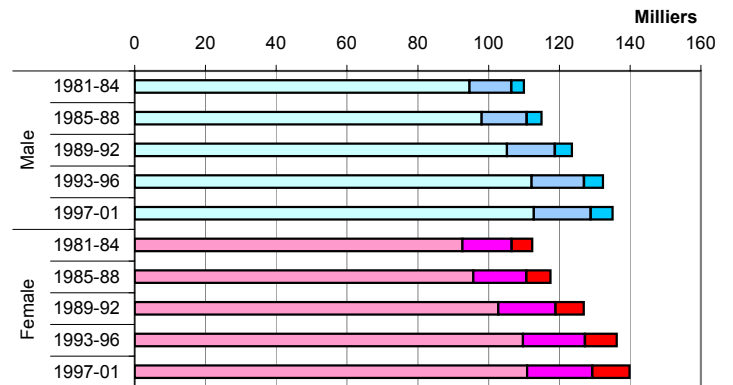
### Number of Deaths

| Sex          | Period       | Deaths by age group |            |            | Total      | Yearly average |
|--------------|--------------|---------------------|------------|------------|------------|----------------|
|              |              | 0-59                | 60-74      | 75+        |            |                |
| Male         | 1981-84      | 6                   | 14         | 14         | 34         | 8              |
|              | 1985-88      | 7                   | 26         | 16         | 48         | 12             |
|              | 1989-92      | 5                   | 20         | 17         | 42         | 10             |
|              | 1993-96      | 5                   | 21         | 15         | 41         | 10             |
|              | 1997-01      | 5                   | 11         | 28         | 44         | 9              |
| Female       | 1981-84      | 0                   | 6          | 6          | 12         | 3              |
|              | 1985-88      | 1                   | 7          | 9          | 17         | 4              |
|              | 1989-92      | 0                   | 4          | 6          | 10         | 3              |
|              | 1993-96      | 0                   | 4          | 9          | 12         | 3              |
|              | 1997-01      | 1                   | 11         | 9          | 21         | 4              |
| <b>Total</b> | <b>Total</b> | <b>30</b>           | <b>123</b> | <b>129</b> | <b>282</b> |                |



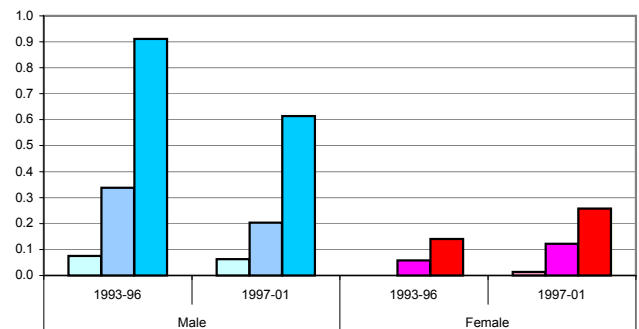
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

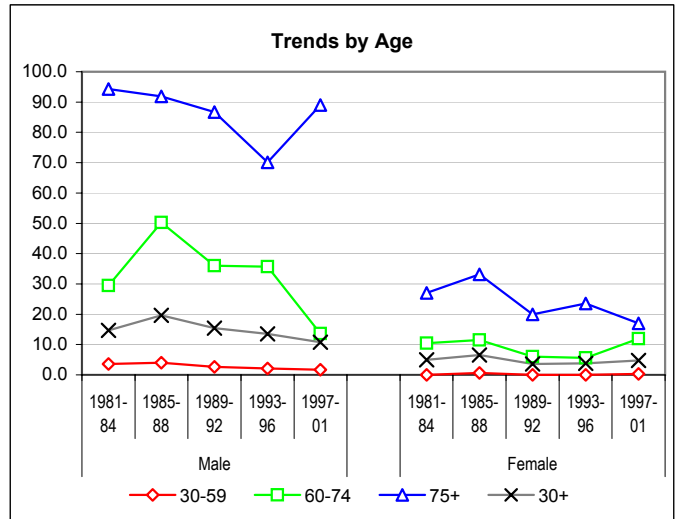
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.08 | 0.34 | 0.91 |
|        | 1997-01 | 0.06 | 0.20 | 0.61 |
| Female | 1993-96 | 0.00 | 0.06 | 0.14 |
|        | 1997-01 | 0.01 | 0.12 | 0.26 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

| Sex    | Period       | 30-59 | 60-74    | 75+   | 30+   |
|--------|--------------|-------|----------|-------|-------|
| Male   | 1981-84      | 3.62  | 29.50    | 94.25 | 14.69 |
|        | 1985-88      | 4.00  | 50.26    | 91.91 | 19.67 |
|        | 1989-92      | 2.68  | 35.96    | 86.74 | 15.39 |
|        | 1993-96      | 2.07  | 35.64    | 70.17 | 13.54 |
|        | 1997-01      | 1.70  | 13.65 ** | 88.97 | 10.82 |
| Female | 1981-84      | 0.00  | 10.44    | 26.99 | 4.94  |
|        | 1985-88      | 0.63  | 11.53    | 33.16 | 6.53  |
|        | 1989-92      | 0.00  | 6.04     | 19.92 | 3.55  |
|        | 1993-96      | 0.00  | 5.55     | 23.52 | 3.83  |
|        | 1997-01      | 0.34  | 11.94    | 17.02 | 4.79  |
| Male   | Annual Trend | 0.945 | 0.955    | 0.989 | 0.975 |
| Female | Annual Trend | 1.129 | 0.985    | 0.968 | 0.983 |



**European Standardized Rates by Period**

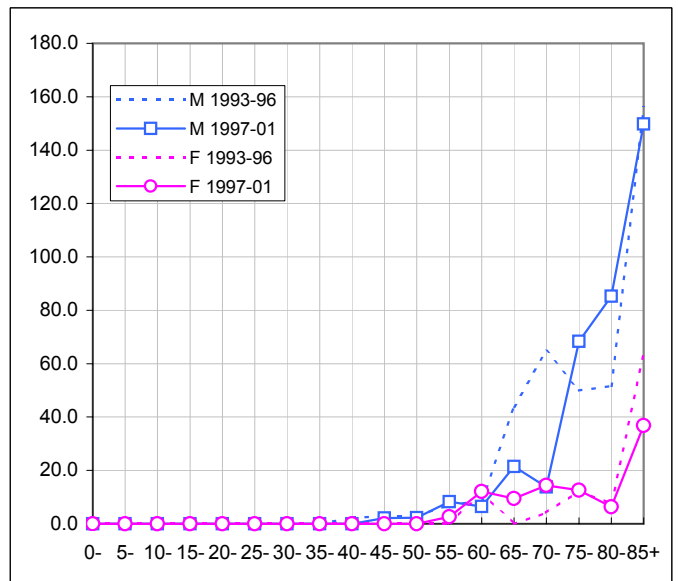
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 9.02  | 9.52  |
|        | 1985-88      | 11.63 | 9.23  |
|        | 1989-92      | 8.83  | 9.26  |
|        | 1993-96      | 8.19  | 8.31  |
|        | 1997-01      | 6.12  | 7.49  |
| Female | 1981-84      | 2.29  | 2.81  |
|        | 1985-88      | 3.09  | 2.48  |
|        | 1989-92      | 1.53  | 2.49  |
|        | 1993-96      | 1.67  | 2.43  |
|        | 1997-01      | 2.27  | 2.15  |
| Male   | Annual Trend | 0.972 | 0.985 |
| Female | Annual Trend | 0.982 | 0.986 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

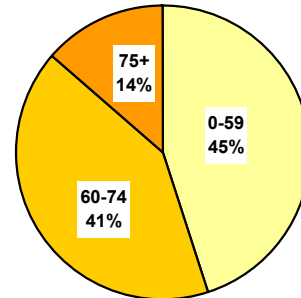
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 2.4     | 0.0     | 0.0     | 0.0     |
| 45-        | 2.7     | 2.2     | 0.0     | 0.0     |
| 50-        | 2.9     | 2.2     | 0.0     | 0.0     |
| 55-        | 7.1     | 8.3     | 0.0     | 2.7     |
| 60-        | 8.5     | 6.5     | 11.7    | 12.2    |
| 65-        | 43.9    | 21.5    | 0.0     | 9.5     |
| 70-        | 64.8    | 13.7    | 4.2     | 14.4    |
| 75-        | 50.0    | 68.4    | 12.3    | 12.6    |
| 80-        | 51.7    | 85.3    | 7.7     | 6.4     |
| 85+        | 156.0   | 149.7   | 63.8    | 36.8    |
| Crude Rate | 7.8     | 6.5     | 2.3     | 3.0     |



## 2.23. Brain & Central Nerves

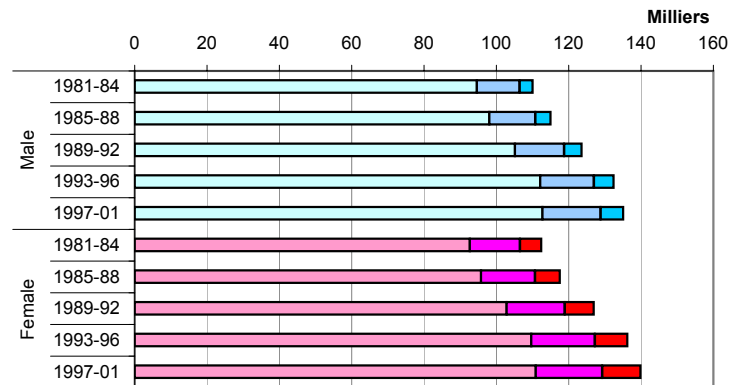
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total      | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                | 60-74     | 75+       |            |                |
| Male         | 1981-84      | 15                  | 6         | 3         | 24         | 6              |
|              | 1985-88      | 11                  | 6         | 3         | 20         | 5              |
|              | 1989-92      | 12                  | 12        | 6         | 30         | 7              |
|              | 1993-96      | 20                  | 9         | 0         | 29         | 7              |
|              | 1997-01      | 11                  | 16        | 5         | 32         | 6              |
| Female       | 1981-84      | 5                   | 4         | 3         | 12         | 3              |
|              | 1985-88      | 2                   | 11        | 2         | 15         | 4              |
|              | 1989-92      | 11                  | 2         | 3         | 16         | 4              |
|              | 1993-96      | 7                   | 9         | 2         | 18         | 5              |
|              | 1997-01      | 12                  | 22        | 5         | 39         | 8              |
| <b>Total</b> | <b>Total</b> | <b>105</b>          | <b>97</b> | <b>32</b> | <b>234</b> |                |



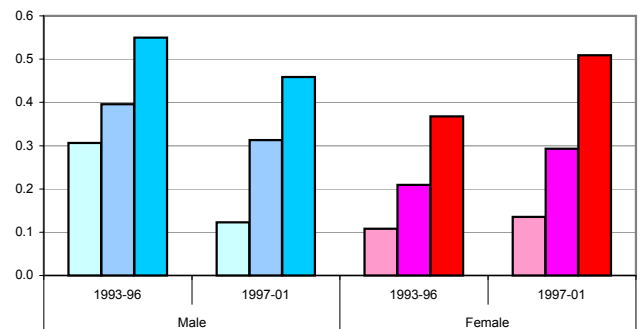
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

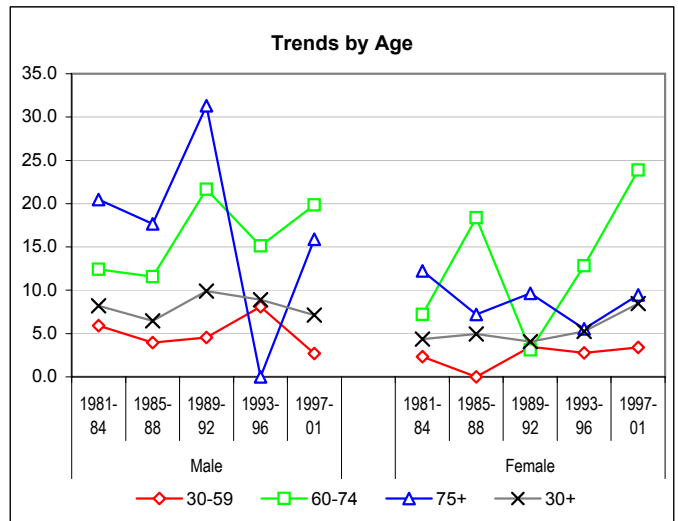
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.31 | 0.40 | 0.55 |
|        | 1997-01 | 0.12 | 0.31 | 0.46 |
| Female | 1993-96 | 0.11 | 0.21 | 0.37 |
|        | 1997-01 | 0.14 | 0.29 | 0.51 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

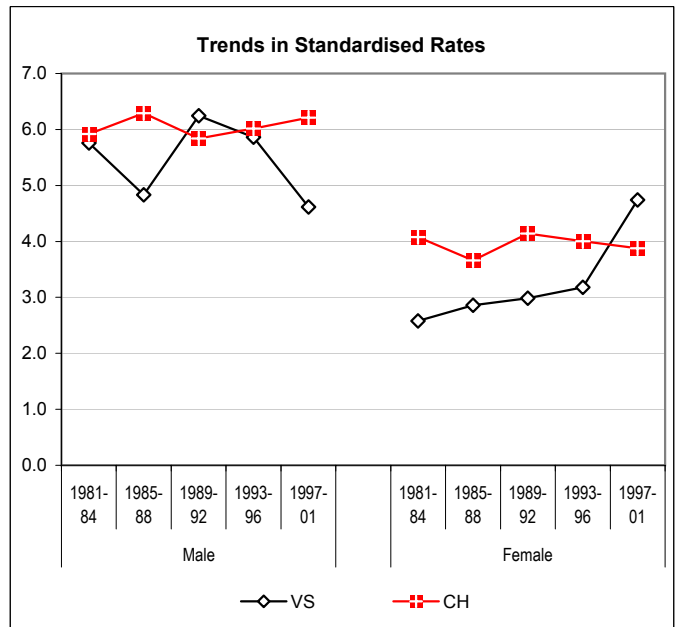
| Sex    | Period       | 30-59   | 60-74   | 75+     | 30+   |
|--------|--------------|---------|---------|---------|-------|
| Male   | 1981-84      | 5.93    | 12.43   | 20.49   | 8.19  |
|        | 1985-88      | 3.94    | 11.58   | 17.68   | 6.48  |
|        | 1989-92      | 4.56    | 21.65   | 31.31   | 9.91  |
|        | 1993-96      | 8.10    | 15.13   | 0.00 ** | 8.90  |
|        | 1997-01      | 2.72 ** | 19.86   | 15.89   | 7.13  |
| Female | 1981-84      | 2.33    | 7.20    | 12.23   | 4.38  |
|        | 1985-88      | 0.00 *  | 18.38   | 7.21    | 4.94  |
|        | 1989-92      | 3.46 *  | 3.10 ** | 9.65    | 4.06  |
|        | 1993-96      | 2.76    | 12.81   | 5.54    | 5.24  |
|        | 1997-01      | 3.41    | 23.88   | 9.46    | 8.45  |
| Male   | Annual Trend | 0.981   | 1.032   | 0.744   | 1.002 |
| Female | Annual Trend | 1.256   | 1.052   | 0.978   | 1.035 |



**European Standardized Rates by Period**

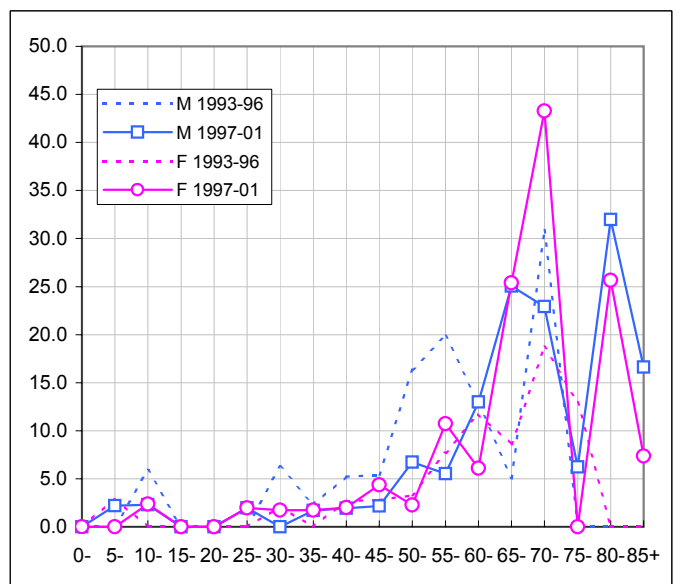
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 5.76  | 5.92  |
|        | 1985-88      | 4.83  | 6.29  |
|        | 1989-92      | 6.24  | 5.84  |
|        | 1993-96      | 5.86  | 6.02  |
|        | 1997-01      | 4.61  | 6.21  |
| Female | 1981-84      | 2.58  | 4.08  |
|        | 1985-88      | 2.86  | 3.66  |
|        | 1989-92      | 2.98  | 4.14  |
|        | 1993-96      | 3.18  | 4.00  |
|        | 1997-01      | 4.74  | 3.88  |
| Male   | Annual Trend | 0.994 | 1.001 |
| Female | Annual Trend | 1.034 | 1.000 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

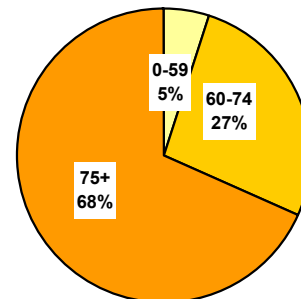
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 2.2     | 2.9     | 0.0     |
| 10-        | 5.9     | 2.3     | 0.0     | 2.4     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 2.0     | 0.0     | 2.0     |
| 30-        | 6.3     | 0.0     | 2.1     | 1.7     |
| 35-        | 2.3     | 1.7     | 0.0     | 1.7     |
| 40-        | 5.2     | 1.9     | 2.7     | 2.0     |
| 45-        | 5.4     | 2.2     | 2.8     | 4.4     |
| 50-        | 16.4    | 6.7     | 3.3     | 2.3     |
| 55-        | 19.8    | 5.5     | 7.7     | 10.7    |
| 60-        | 12.8    | 13.0    | 11.7    | 6.1     |
| 65-        | 5.0     | 25.0    | 8.6     | 25.4    |
| 70-        | 30.8    | 22.9    | 18.7    | 43.3    |
| 75-        | 0.0     | 6.2     | 12.9    | 0.0     |
| 80-        | 0.0     | 32.0    | 0.0     | 25.7    |
| 85+        | 0.0     | 16.6    | 0.0     | 7.4     |
| Crude Rate | 5.5     | 4.7     | 3.3     | 5.6     |



## 2.24. Thyroid

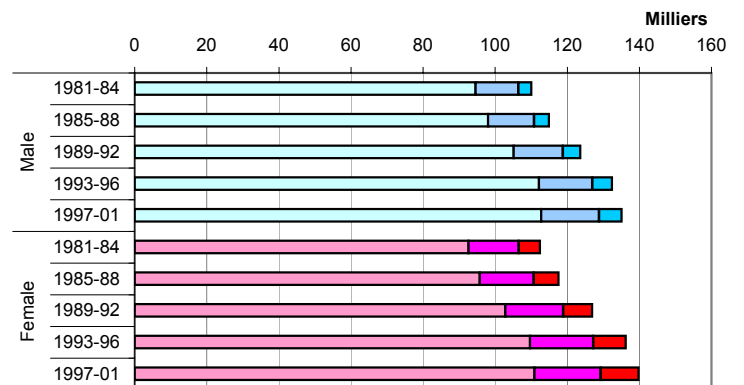
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total     | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|-----------|----------------|
|              |              | 0-59                | 60-74     | 75+       |           |                |
| Male         | 1981-84      | 0                   | 1         | 2         | 3         | 1              |
|              | 1985-88      | 0                   | 1         | 1         | 2         | 1              |
|              | 1989-92      | 0                   | 3         | 2         | 5         | 1              |
|              | 1993-96      | 0                   | 1         | 0         | 1         | 0              |
|              | 1997-01      | 0                   | 3         | 2         | 5         | 1              |
| Female       | 1981-84      | 1                   | 2         | 6         | 9         | 2              |
|              | 1985-88      | 0                   | 2         | 5         | 7         | 2              |
|              | 1989-92      | 1                   | 2         | 7         | 10        | 2              |
|              | 1993-96      | 1                   | 0         | 7         | 8         | 2              |
|              | 1997-01      | 0                   | 2         | 14        | 16        | 3              |
| <b>Total</b> | <b>Total</b> | <b>3</b>            | <b>17</b> | <b>45</b> | <b>65</b> |                |



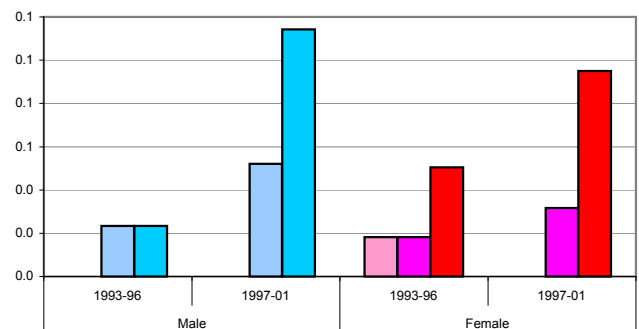
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

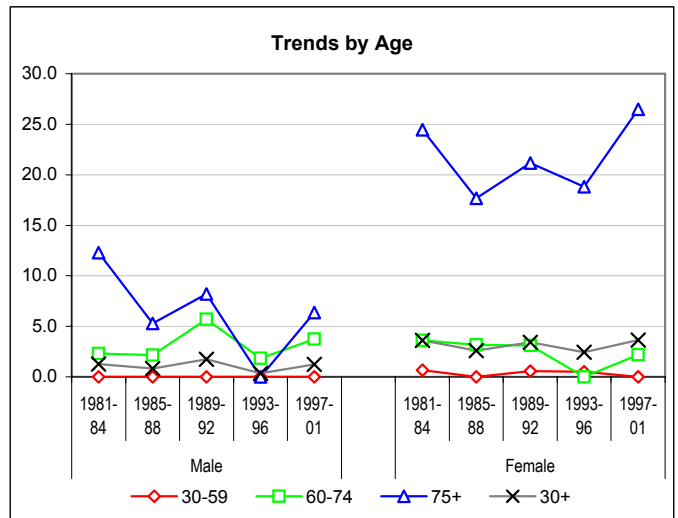
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.00 | 0.02 | 0.02 |
|        | 1997-01 | 0.00 | 0.05 | 0.11 |
| Female | 1993-96 | 0.02 | 0.02 | 0.05 |
|        | 1997-01 | 0.00 | 0.03 | 0.09 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

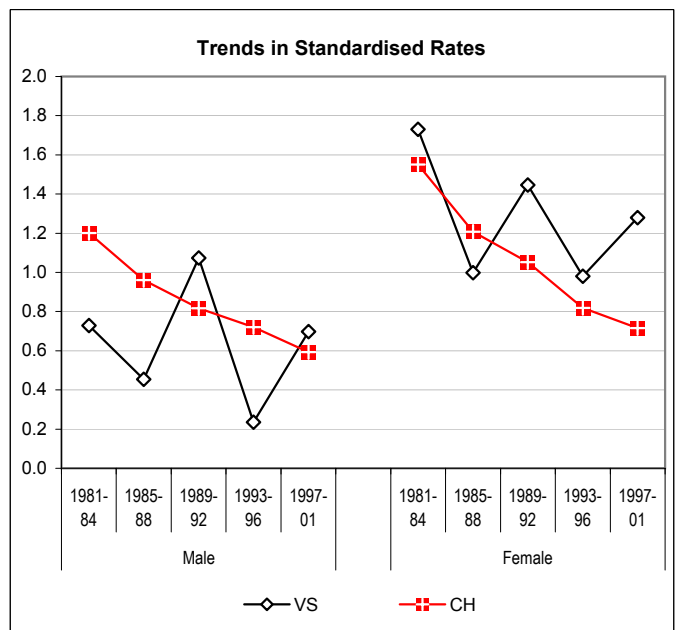
| Sex    | Period       | 30-59 | 60-74 | 75+   | 30+   |
|--------|--------------|-------|-------|-------|-------|
| Male   | 1981-84      | 0.00  | 2.32  | 12.29 | 1.26  |
|        | 1985-88      | 0.00  | 2.16  | 5.30  | 0.82  |
|        | 1989-92      | 0.00  | 5.69  | 8.21  | 1.73  |
|        | 1993-96      | 0.00  | 1.85  | 0.00  | 0.36  |
|        | 1997-01      | 0.00  | 3.72  | 6.36  | 1.23  |
| Female | 1981-84      | 0.66  | 3.60  | 24.46 | 3.61  |
|        | 1985-88      | 0.00  | 3.18  | 17.66 | 2.58  |
|        | 1989-92      | 0.57  | 3.10  | 21.17 | 3.41  |
|        | 1993-96      | 0.51  | 0.00  | 18.82 | 2.44  |
|        | 1997-01      | 0.00  | 2.17  | 26.47 | 3.65  |
| Male   | Annual Trend | 1.000 | 1.020 | 0.752 | 0.975 |
| Female | Annual Trend | 0.852 | 0.771 | 1.005 | 0.998 |



**European Standardized Rates by Period**

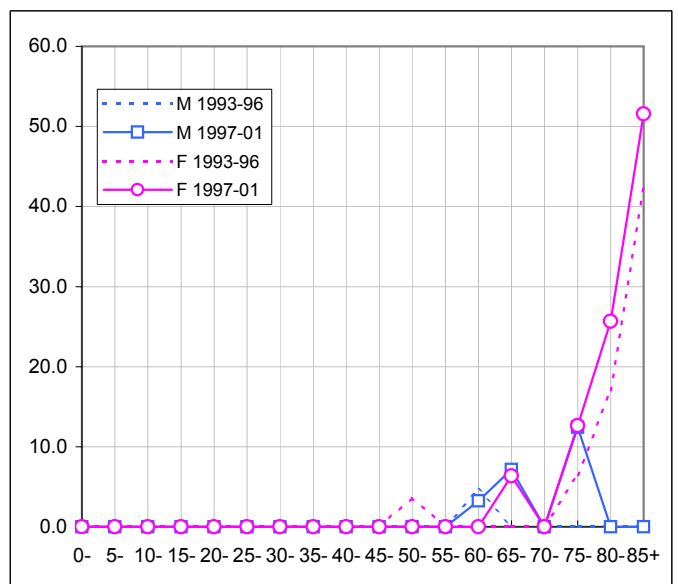
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 0.73  | 1.20  |
|        | 1985-88      | 0.45  | 0.96  |
|        | 1989-92      | 1.07  | 0.82  |
|        | 1993-96      | 0.24  | 0.72  |
|        | 1997-01      | 0.70  | 0.59  |
| Female | 1981-84      | 1.73  | 1.55  |
|        | 1985-88      | 1.00  | 1.21  |
|        | 1989-92      | 1.45  | 1.05  |
|        | 1993-96      | 0.98  | 0.82  |
|        | 1997-01      | 1.28  | 0.72  |
| Male   | Annual Trend | 0.978 | 0.956 |
| Female | Annual Trend | 0.983 | 0.950 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

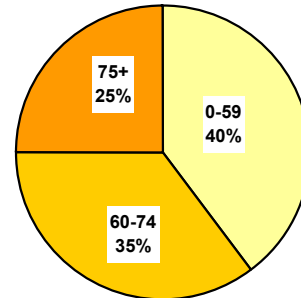
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 45-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 50-        | 0.0     | 0.0     | 3.6     | 0.0     |
| 55-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 60-        | 4.7     | 3.2     | 0.0     | 0.0     |
| 65-        | 0.0     | 7.2     | 0.0     | 6.3     |
| 70-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 75-        | 0.0     | 12.4    | 6.5     | 12.6    |
| 80-        | 0.0     | 0.0     | 17.0    | 25.7    |
| 85+        | 0.0     | 0.0     | 42.5    | 51.6    |
| Crude Rate | 0.2     | 0.7     | 1.4     | 2.3     |



## 2.25. Hodgkin's Disease

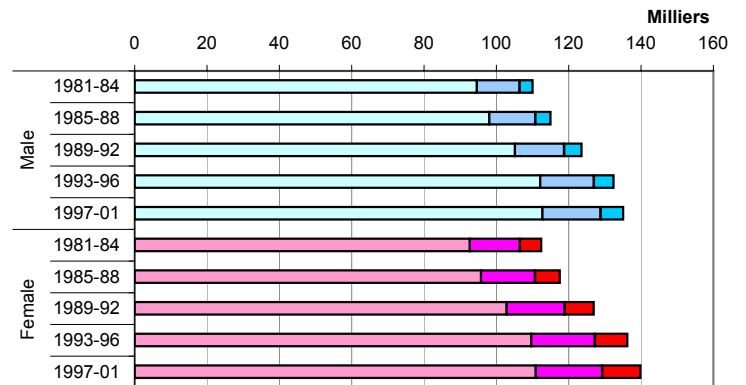
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total     | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|-----------|----------------|
|              |              | 0-59                | 60-74     | 75+       |           |                |
| Male         | 1981-84      | 6                   | 3         | 1         | 10        | 3              |
|              | 1985-88      | 3                   | 4         | 0         | 7         | 2              |
|              | 1989-92      | 2                   | 2         | 0         | 4         | 1              |
|              | 1993-96      | 1                   | 1         | 0         | 2         | 1              |
|              | 1997-01      | 1                   | 0         | 3         | 4         | 1              |
| Female       | 1981-84      | 4                   | 3         | 1         | 8         | 2              |
|              | 1985-88      | 0                   | 1         | 2         | 3         | 1              |
|              | 1989-92      | 1                   | 1         | 1         | 3         | 1              |
|              | 1993-96      | 0                   | 1         | 2         | 3         | 1              |
|              | 1997-01      | 1                   | 1         | 2         | 4         | 1              |
| <b>Total</b> | <b>Total</b> | <b>19</b>           | <b>17</b> | <b>12</b> | <b>48</b> |                |



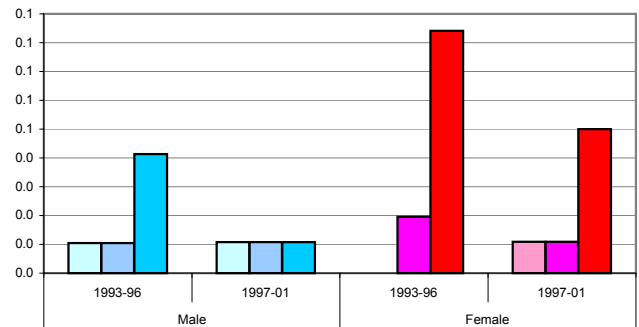
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

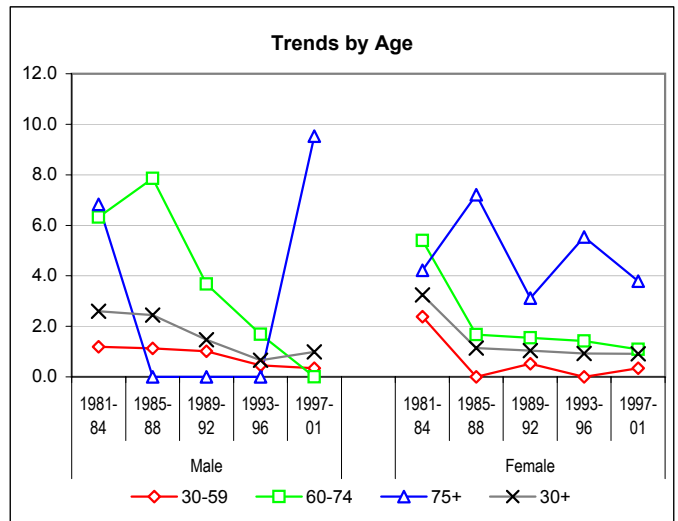
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.01 | 0.01 | 0.04 |
|        | 1997-01 | 0.01 | 0.01 | 0.01 |
| Female | 1993-96 | 0.00 | 0.02 | 0.08 |
|        | 1997-01 | 0.01 | 0.01 | 0.05 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

| Sex    | Period       | 30-59  | 60-74 | 75+   | 30+   |
|--------|--------------|--------|-------|-------|-------|
| Male   | 1981-84      | 1.19   | 6.32  | 6.83  | 2.60  |
|        | 1985-88      | 1.13   | 7.85  | 0.00  | 2.44  |
|        | 1989-92      | 1.01   | 3.67  | 0.00  | 1.47  |
|        | 1993-96      | 0.45   | 1.68  | 0.00  | 0.66  |
|        | 1997-01      | 0.34   | 0.00  | 9.53  | 0.98  |
| Female | 1981-84      | 2.39   | 5.40  | 4.22  | 3.24  |
|        | 1985-88      | 0.00 * | 1.67  | 7.21  | 1.14  |
|        | 1989-92      | 0.52   | 1.55  | 3.11  | 1.03  |
|        | 1993-96      | 0.00   | 1.42  | 5.54  | 0.93  |
|        | 1997-01      | 0.34   | 1.09  | 3.78  | 0.91  |
| Male   | Annual Trend | 0.915  | 0.619 | 0.980 | 0.916 |
| Female | Annual Trend | 0.887  | 0.915 | 0.988 | 0.929 |



**European Standardized Rates by Period**

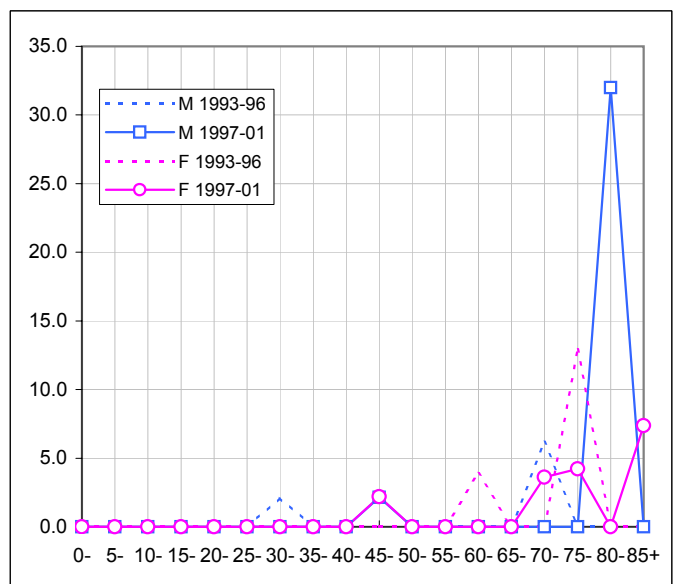
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 2.40  | 1.85  |
|        | 1985-88      | 1.54  | 1.55  |
|        | 1989-92      | 0.89  | 1.24  |
|        | 1993-96      | 0.33  | 0.65  |
|        | 1997-01      | 0.47  | 0.40  |
| Female | 1981-84      | 1.76  | 1.10  |
|        | 1985-88      | 0.51  | 0.93  |
|        | 1989-92      | 0.55  | 0.66  |
|        | 1993-96      | 0.45  | 0.41  |
|        | 1997-01      | 0.42  | 0.29  |
| Male   | Annual Trend | 0.880 | 0.902 |
| Female | Annual Trend | 0.924 | 0.913 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

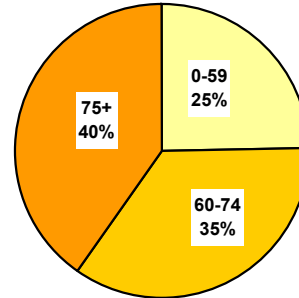
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 2.1     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 45-        | 0.0     | 2.2     | 0.0     | 2.2     |
| 50-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 55-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 60-        | 0.0     | 0.0     | 3.9     | 0.0     |
| 65-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 70-        | 6.2     | 0.0     | 0.0     | 3.6     |
| 75-        | 0.0     | 0.0     | 12.9    | 4.2     |
| 80-        | 0.0     | 32.0    | 0.0     | 0.0     |
| 85+        | 0.0     | 0.0     | 0.0     | 7.4     |
| Crude Rate | 0.4     | 0.6     | 0.6     | 0.6     |



## 2.26. Non Hodgkin Lymphoma

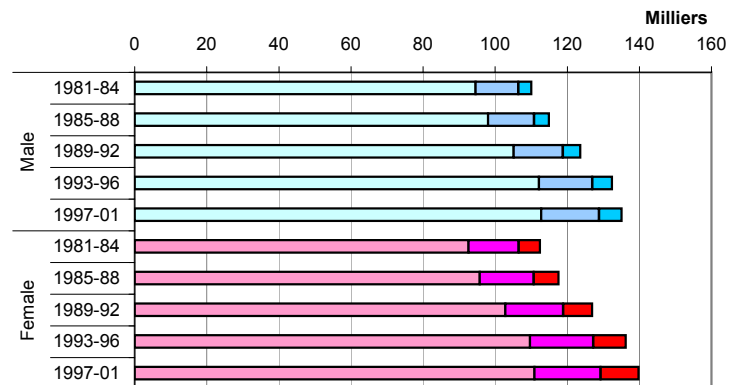
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |            | Total      | Yearly average |
|--------------|--------------|---------------------|-----------|------------|------------|----------------|
|              |              | 0-59                | 60-74     | 75+        |            |                |
| Male         | 1981-84      | 6                   | 7         | 4          | 17         | 4              |
|              | 1985-88      | 6                   | 7         | 6          | 19         | 5              |
|              | 1989-92      | 3                   | 5         | 13         | 21         | 5              |
|              | 1993-96      | 9                   | 14        | 11         | 34         | 9              |
|              | 1997-01      | 11                  | 14        | 18         | 43         | 9              |
| Female       | 1981-84      | 6                   | 8         | 9          | 23         | 6              |
|              | 1985-88      | 1                   | 6         | 7          | 14         | 4              |
|              | 1989-92      | 6                   | 8         | 12         | 26         | 7              |
|              | 1993-96      | 8                   | 4         | 8          | 20         | 5              |
|              | 1997-01      | 7                   | 16        | 14         | 37         | 7              |
| <b>Total</b> | <b>Total</b> | <b>63</b>           | <b>89</b> | <b>102</b> | <b>254</b> |                |



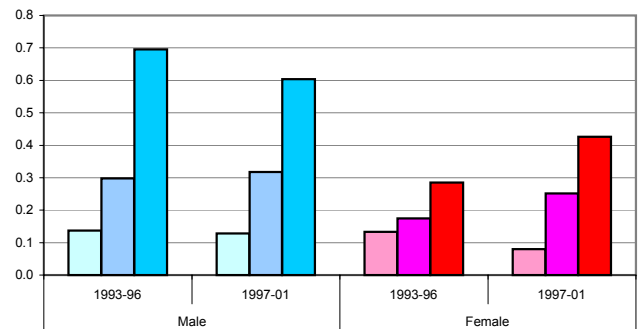
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

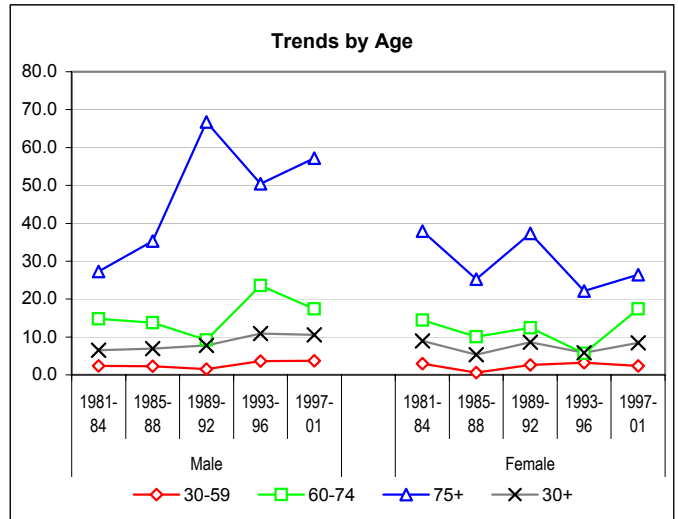
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.14 | 0.30 | 0.70 |
|        | 1997-01 | 0.13 | 0.32 | 0.60 |
| Female | 1993-96 | 0.13 | 0.17 | 0.29 |
|        | 1997-01 | 0.08 | 0.25 | 0.43 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

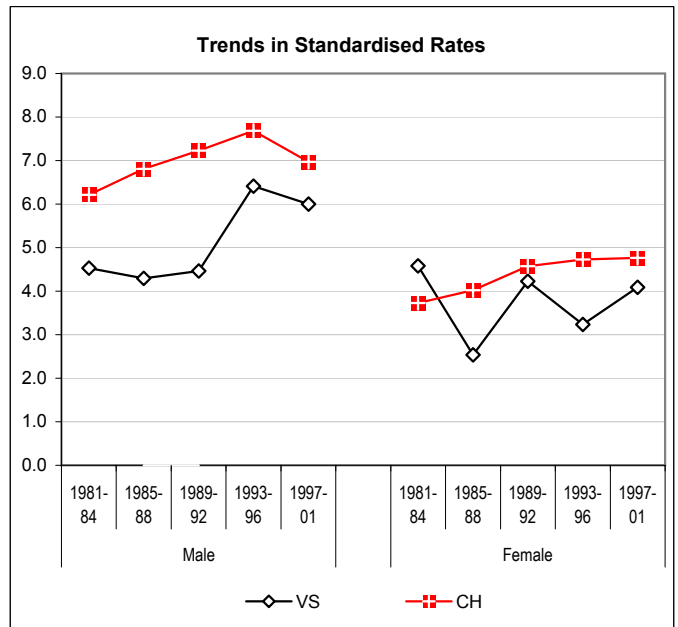
| Sex    | Period       | 30-59 | 60-74   | 75+   | 30+   |
|--------|--------------|-------|---------|-------|-------|
| Male   | 1981-84      | 2.37  | 14.75   | 27.32 | 6.50  |
|        | 1985-88      | 2.25  | 13.74   | 35.35 | 6.92  |
|        | 1989-92      | 1.52  | 9.17    | 66.72 | 7.73  |
|        | 1993-96      | 3.60  | 23.54   | 50.45 | 10.87 |
|        | 1997-01      | 3.73  | 17.38   | 57.20 | 10.57 |
| Female | 1981-84      | 2.99  | 14.41   | 37.95 | 8.91  |
|        | 1985-88      | 0.57  | 10.03   | 25.23 | 5.31  |
|        | 1989-92      | 2.58  | 12.40   | 37.35 | 8.61  |
|        | 1993-96      | 3.21  | 5.70    | 22.14 | 5.86  |
|        | 1997-01      | 2.39  | 17.37 * | 26.47 | 8.45  |
| Male   | Annual Trend | 1.036 | 1.023   | 1.050 | 1.038 |
| Female | Annual Trend | 1.035 | 0.992   | 0.977 | 0.999 |



**European Standardized Rates by Period**

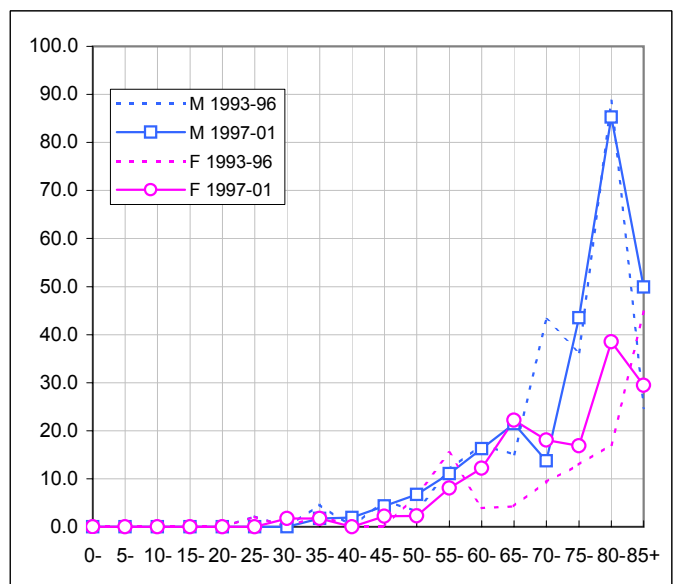
| Sex    | Period       | VS     | CH    |
|--------|--------------|--------|-------|
| Male   | 1981-84      | 4.53   | 6.22  |
|        | 1985-88      | 4.29 * | 6.81  |
|        | 1989-92      | 4.46 * | 7.23  |
|        | 1993-96      | 6.41   | 7.68  |
|        | 1997-01      | 6.00   | 6.97  |
| Female | 1981-84      | 4.58   | 3.73  |
|        | 1985-88      | 2.54   | 4.02  |
|        | 1989-92      | 4.23   | 4.57  |
|        | 1993-96      | 3.23   | 4.73  |
|        | 1997-01      | 4.09   | 4.76  |
| Male   | Annual Trend | 1.026  | 1.010 |
| Female | Annual Trend | 1.000  | 1.018 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

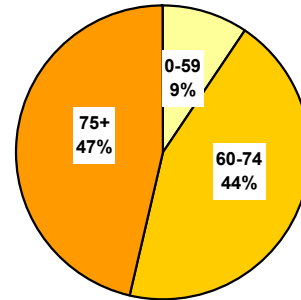
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 2.2     | 0.0     | 2.1     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 1.7     |
| 35-        | 4.6     | 1.7     | 2.5     | 1.7     |
| 40-        | 0.0     | 1.9     | 0.0     | 0.0     |
| 45-        | 5.4     | 4.3     | 0.0     | 2.2     |
| 50-        | 3.3     | 6.7     | 6.6     | 2.3     |
| 55-        | 11.9    | 11.0    | 15.4    | 8.0     |
| 60-        | 17.1    | 16.2    | 3.9     | 12.2    |
| 65-        | 15.1    | 21.5    | 4.3     | 22.2    |
| 70-        | 43.2    | 13.7    | 9.4     | 18.0    |
| 75-        | 36.4    | 43.5    | 12.9    | 16.9    |
| 80-        | 88.6    | 85.3    | 17.0    | 38.5    |
| 85+        | 24.8    | 49.9    | 44.8    | 29.5    |
| Crude Rate | 6.4     | 6.4     | 3.7     | 5.3     |



## 2.27. Multiple Myeloma

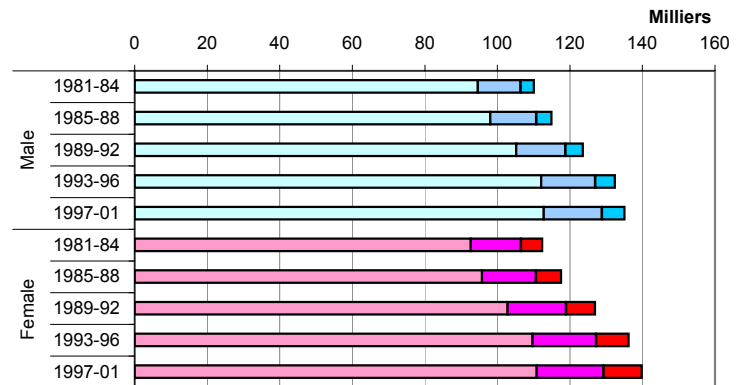
### Number of Deaths

| Sex          | Period       | Deaths by age group |           |           | Total      | Yearly average |
|--------------|--------------|---------------------|-----------|-----------|------------|----------------|
|              |              | 0-59                | 60-74     | 75+       |            |                |
| Male         | 1981-84      | 1                   | 11        | 9         | 21         | 5              |
|              | 1985-88      | 0                   | 12        | 4         | 16         | 4              |
|              | 1989-92      | 4                   | 6         | 14        | 24         | 6              |
|              | 1993-96      | 3                   | 9         | 11        | 23         | 6              |
|              | 1997-01      | 1                   | 14        | 7         | 22         | 4              |
| Female       | 1981-84      | 2                   | 3         | 9         | 14         | 4              |
|              | 1985-88      | 3                   | 12        | 6         | 21         | 5              |
|              | 1989-92      | 1                   | 5         | 8         | 14         | 4              |
|              | 1993-96      | 2                   | 12        | 12        | 26         | 7              |
|              | 1997-01      | 3                   | 10        | 19        | 32         | 6              |
| <b>Total</b> | <b>Total</b> | <b>20</b>           | <b>94</b> | <b>99</b> | <b>213</b> |                |



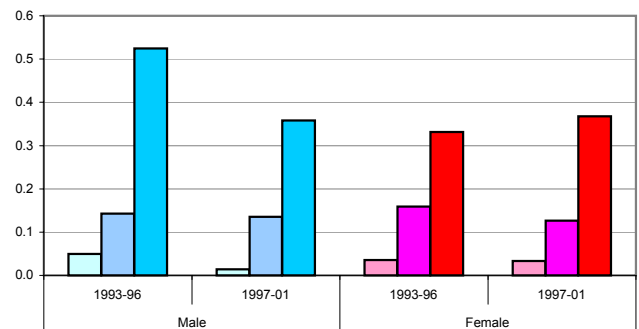
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

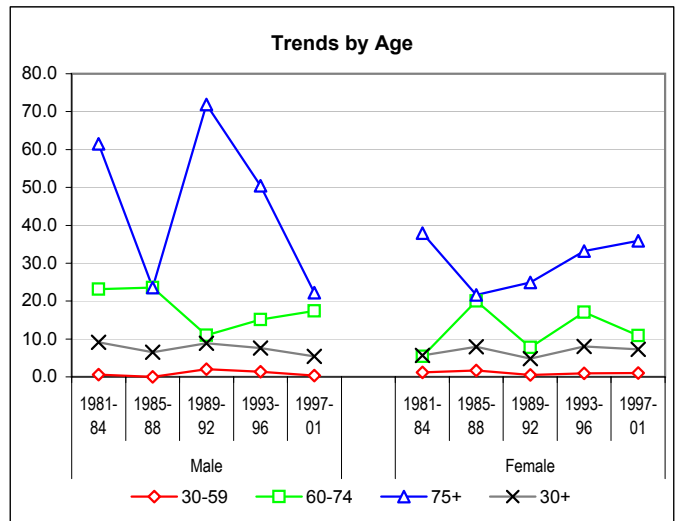
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.05 | 0.14 | 0.52 |
|        | 1997-01 | 0.01 | 0.14 | 0.36 |
| Female | 1993-96 | 0.04 | 0.16 | 0.33 |
|        | 1997-01 | 0.03 | 0.13 | 0.37 |



Crude Rates by Age-Groups and Mean Annual Trend

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

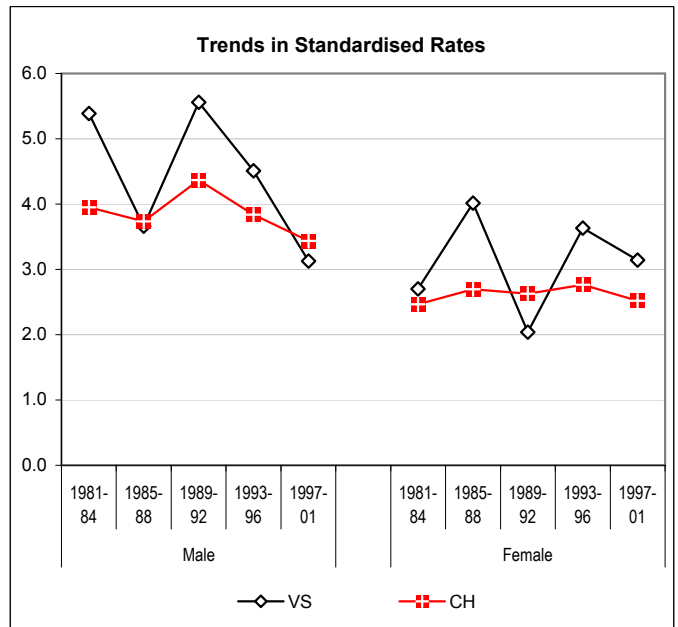
| Sex    | Period       | 30-59 | 60-74   | 75+     | 30+   |
|--------|--------------|-------|---------|---------|-------|
| Male   | 1981-84      | 0.59  | 23.18   | 61.47   | 9.10  |
|        | 1985-88      | 0.00  | 23.56   | 23.57   | 6.52  |
|        | 1989-92      | 2.03  | 11.01   | 71.85 * | 8.84  |
|        | 1993-96      | 1.35  | 15.13   | 50.45   | 7.58  |
|        | 1997-01      | 0.34  | 17.38   | 22.24   | 5.41  |
| Female | 1981-84      | 1.19  | 5.40    | 37.95   | 5.67  |
|        | 1985-88      | 1.71  | 20.06 * | 21.63   | 7.97  |
|        | 1989-92      | 0.52  | 7.75    | 24.90   | 4.82  |
|        | 1993-96      | 0.92  | 17.08   | 33.21   | 8.02  |
|        | 1997-01      | 1.02  | 10.86   | 35.93   | 7.30  |
| Male   | Annual Trend | 1.180 | 0.972   | 0.970   | 0.978 |
| Female | Annual Trend | 0.975 | 1.035   | 1.008   | 1.014 |



European Standardized Rates by Period

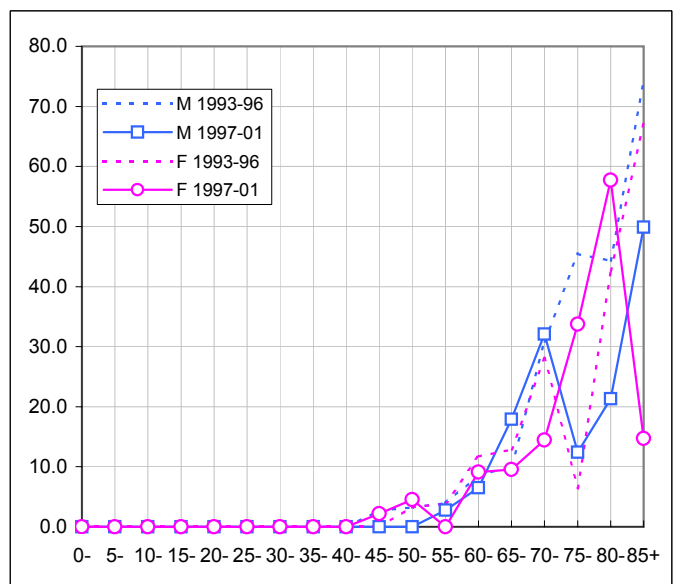
| Sex    | Period       | VS    | CH    |
|--------|--------------|-------|-------|
| Male   | 1981-84      | 5.39  | 3.95  |
|        | 1985-88      | 3.66  | 3.74  |
|        | 1989-92      | 5.56  | 4.37  |
|        | 1993-96      | 4.51  | 3.84  |
|        | 1997-01      | 3.13  | 3.44  |
| Female | 1981-84      | 2.70  | 2.47  |
|        | 1985-88      | 4.01  | 2.69  |
|        | 1989-92      | 2.04  | 2.63  |
|        | 1993-96      | 3.63  | 2.77  |
|        | 1997-01      | 3.14  | 2.52  |
| Male   | Annual Trend | 0.978 | 0.994 |
| Female | Annual Trend | 1.005 | 1.002 |

Stars (\*) : statistically significant differences between VS and CH



Age Specific Rates - Last Periods Compared

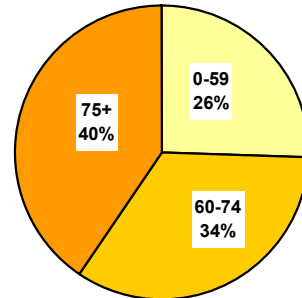
| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 20-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 35-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 40-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 45-        | 2.7     | 0.0     | 0.0     | 2.2     |
| 50-        | 3.3     | 0.0     | 3.3     | 4.5     |
| 55-        | 4.0     | 2.8     | 3.9     | 0.0     |
| 60-        | 8.5     | 6.5     | 11.7    | 9.1     |
| 65-        | 10.1    | 17.9    | 12.9    | 9.5     |
| 70-        | 30.8    | 32.1    | 28.1    | 14.4    |
| 75-        | 45.5    | 12.4    | 6.5     | 33.7    |
| 80-        | 44.3    | 21.3    | 42.6    | 57.7    |
| 85+        | 74.3    | 49.9    | 67.1    | 14.7    |
| Crude Rate | 4.3     | 3.3     | 4.8     | 4.6     |



## 2.28. Leukaemia

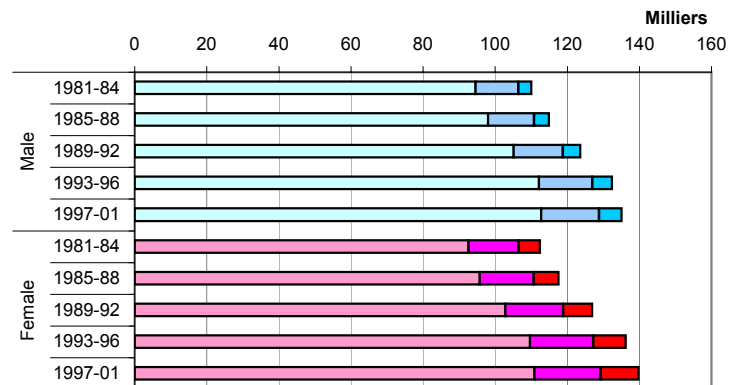
### Number of Deaths

| Sex    | Period  | Deaths by age group |       |     | Total | Yearly average |
|--------|---------|---------------------|-------|-----|-------|----------------|
|        |         | 0-59                | 60-74 | 75+ |       |                |
| Male   | 1981-84 | 6                   | 9     | 14  | 29    | 7              |
|        | 1985-88 | 9                   | 10    | 11  | 30    | 8              |
|        | 1989-92 | 9                   | 9     | 11  | 29    | 7              |
|        | 1993-96 | 16                  | 17    | 24  | 57    | 14             |
|        | 1997-01 | 9                   | 18    | 18  | 45    | 9              |
| Female | 1981-84 | 8                   | 6     | 9   | 23    | 6              |
|        | 1985-88 | 5                   | 9     | 7   | 21    | 5              |
|        | 1989-92 | 4                   | 12    | 8   | 24    | 6              |
|        | 1993-96 | 9                   | 9     | 18  | 36    | 9              |
|        | 1997-01 | 7                   | 10    | 10  | 27    | 5              |
| Total  | Total   | 82                  | 109   | 130 | 321   |                |



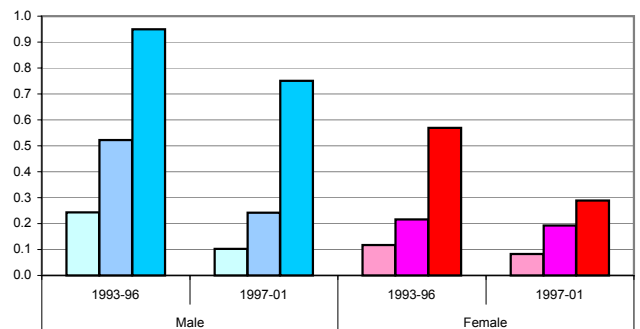
### Population

| Sex    | Period  | Average population |        |        | Total   |
|--------|---------|--------------------|--------|--------|---------|
|        |         | 0-59               | 60-74  | 75+    |         |
| Male   | 1981-84 | 94'576             | 11'865 | 3'661  | 110'101 |
|        | 1985-88 | 98'047             | 12'735 | 4'244  | 115'025 |
|        | 1989-92 | 105'154            | 13'626 | 4'871  | 123'650 |
|        | 1993-96 | 112'122            | 14'871 | 5'452  | 132'445 |
|        | 1997-01 | 112'747            | 16'113 | 6'294  | 135'154 |
| Female | 1981-84 | 92'650             | 13'884 | 5'929  | 112'462 |
|        | 1985-88 | 95'724             | 14'959 | 6'936  | 117'619 |
|        | 1989-92 | 102'790            | 16'133 | 8'032  | 126'954 |
|        | 1993-96 | 109'689            | 17'562 | 9'035  | 136'286 |
|        | 1997-01 | 110'884            | 18'424 | 10'577 | 139'885 |



### Cumulated Rates (in %) by Age - Two Last Periods

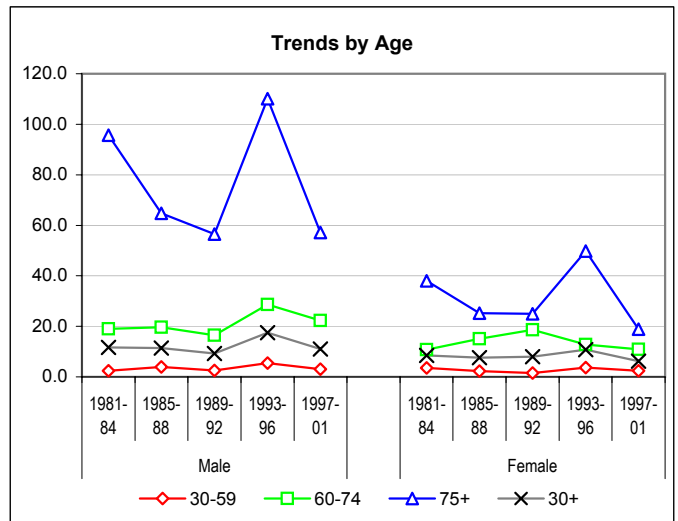
| Sex    | Period  | Age  |      |      |
|--------|---------|------|------|------|
|        |         | 0-59 | 0-69 | 0-79 |
| Male   | 1993-96 | 0.24 | 0.52 | 0.95 |
|        | 1997-01 | 0.10 | 0.24 | 0.75 |
| Female | 1993-96 | 0.12 | 0.22 | 0.57 |
|        | 1997-01 | 0.08 | 0.19 | 0.29 |



**Crude Rates by Age-Groups and Mean Annual Trend**

Stars (\*, \*\*): significant variations cf. Mantel-Haenszel test (95%, 99%)  
 Signification of mean annual trends not computed

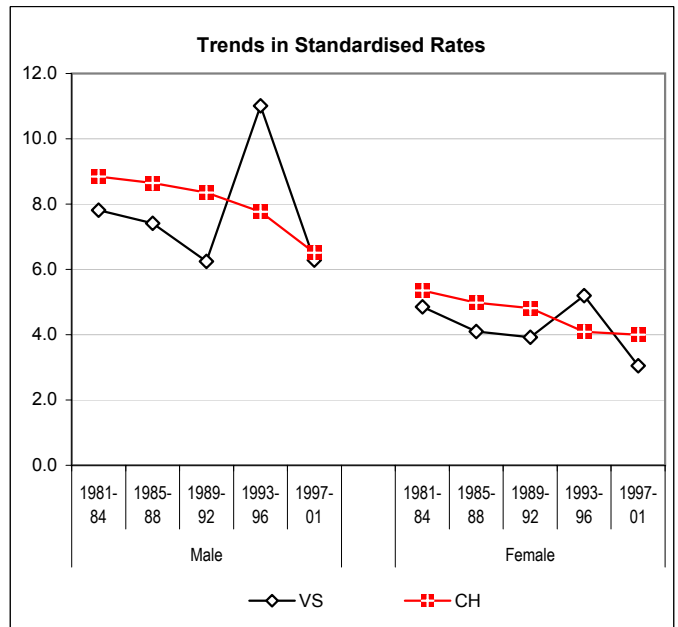
| Sex    | Period       | 30-59 | 60-74 | 75+     | 30+      |
|--------|--------------|-------|-------|---------|----------|
| Male   | 1981-84      | 2.37  | 18.97 | 95.62   | 11.70    |
|        | 1985-88      | 3.94  | 19.63 | 64.81   | 11.41    |
|        | 1989-92      | 2.53  | 16.51 | 56.46   | 9.21     |
|        | 1993-96      | 5.40  | 28.58 | 110.06  | 17.46 ** |
|        | 1997-01      | 3.06  | 22.34 | 57.20 * | 11.07 *  |
| Female | 1981-84      | 3.58  | 10.80 | 37.95   | 8.51     |
|        | 1985-88      | 2.28  | 15.04 | 25.23   | 7.59     |
|        | 1989-92      | 1.55  | 18.60 | 24.90   | 7.92     |
|        | 1993-96      | 3.67  | 12.81 | 49.81   | 10.80    |
|        | 1997-01      | 2.39  | 10.86 | 18.91 * | 6.16 *   |
| Male   | Annual Trend | 1.023 | 1.019 | 0.988   | 1.009    |
| Female | Annual Trend | 0.991 | 0.997 | 0.984   | 0.994    |



**European Standardized Rates by Period**

| Sex    | Period       | VS      | CH    |
|--------|--------------|---------|-------|
| Male   | 1981-84      | 7.82    | 8.84  |
|        | 1985-88      | 7.41    | 8.65  |
|        | 1989-92      | 6.25    | 8.35  |
|        | 1993-96      | 11.01 * | 7.76  |
|        | 1997-01      | 6.29    | 6.51  |
| Female | 1981-84      | 4.85    | 5.35  |
|        | 1985-88      | 4.10    | 4.98  |
|        | 1989-92      | 3.92    | 4.81  |
|        | 1993-96      | 5.20    | 4.08  |
|        | 1997-01      | 3.05    | 4.00  |
| Male   | Annual Trend | 1.000   | 0.982 |
| Female | Annual Trend | 0.983   | 0.980 |

Stars (\*) : statistically significant differences between VS and CH



**Age Specific Rates - Last Periods Compared**

| Age        | M       |         | F       |         |
|------------|---------|---------|---------|---------|
|            | 1993-96 | 1997-01 | 1993-96 | 1997-01 |
| 0-         | 0.0     | 0.0     | 0.0     | 0.0     |
| 5-         | 2.9     | 0.0     | 0.0     | 0.0     |
| 10-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 15-        | 2.9     | 0.0     | 0.0     | 0.0     |
| 20-        | 4.9     | 0.0     | 2.5     | 0.0     |
| 25-        | 0.0     | 0.0     | 0.0     | 0.0     |
| 30-        | 2.1     | 0.0     | 2.1     | 0.0     |
| 35-        | 0.0     | 3.4     | 4.9     | 0.0     |
| 40-        | 2.6     | 0.0     | 2.7     | 4.0     |
| 45-        | 10.9    | 4.3     | 11.2    | 2.2     |
| 50-        | 6.5     | 4.5     | 0.0     | 2.3     |
| 55-        | 15.9    | 8.3     | 0.0     | 8.0     |
| 60-        | 25.6    | 6.5     | 15.6    | 6.1     |
| 65-        | 30.3    | 21.5    | 4.3     | 15.9    |
| 70-        | 30.8    | 45.8    | 18.7    | 10.8    |
| 75-        | 54.6    | 56.0    | 51.7    | 8.4     |
| 80-        | 177.3   | 42.6    | 34.1    | 32.1    |
| 85+        | 148.6   | 83.2    | 67.1    | 22.1    |
| Crude Rate | 10.8    | 6.7     | 6.6     | 3.9     |

