

# One Year Cancer Survival Trends, England, 1985-2004

One Year Cancer Survival  
By Cancer Network, England, 2000-2004

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# Introduction

The Cancer Reform Strategy for England required the National Cancer Intelligence Network (NCIN) to produce, as an early product, an “Assessment of trends in one year survival rates for different cancer”<sup>1</sup> and this report is a response to that request. The report has two sets of analyses. Firstly, for England as a whole, one-year survival rates are shown by sex for a number of the more common cancer sites and sites groups for patients diagnosed in the four five-year time periods 1985-89, 1990-94, 1995-99 and 2000-04. Secondly, for the most recent of these time periods, 2000-04, one-year survival rates are shown for each of the 30 Cancer Networks (as at 2008) in England. For each type of analysis both crude and relative survival estimates are provided, the former being the absolute proportion of patients alive one year after diagnosis, the latter representing adjustment for the underlying all-cause mortality in the population.

This report is restricted to comparisons of networks in England but it is hoped that future versions will be extended to Wales, Scotland and Northern Ireland to provide full UK analyses.

Information is presented for 14 specific sites of solid cancers together with combined groups of “lip, oral cavity and pharynx” and “eye, brain and other central nervous system” cancers. In addition, there are results for Hodgkin disease, non-Hodgkin lymphoma and all leukaemias as well as all malignancies combined (excluding non-melanoma skin cancer) for all ages and for children (0-14 years) and teenagers & young adults (15-24 years).

In total, there are 22 analyses for the England time trend data. The very clear message from these analyses is the consistent improvement in one-year survival over the 20 year period considered. For 15 of the 22 site groups, the improvement was statistically significant and was seen for types of cancer with underlying poor (e.g. pancreatic increasing from 12.3 to 15.8%), intermediate (e.g. colorectal increasing from 63.1 to 71.9%) and good (e.g. female breast increasing from 88.9 to 95.0%) one-year prognoses. Of the eight remaining site groups, three (lung, testis and leukaemia) do show clear but modest improvements in survival that are not statistically significant. Three site groups (cervix, the combined group of “eye, brain and CNS” and Hodgkin disease show no change in survival. The results for bladder cancer show no change until around 1999, after which there appears to be a decline in survival. This is, however, a known artefact due to the change in registry coding practice for these cancers when some formerly invasive categories became reclassified as non-invasive.

In general, there is little difference between men and women in one-year survival rates although male outcomes are somewhat better (but no more than 5% better) for cancers of the oesophagus, colorectum, pancreas (in more recent time periods), kidney and for all leukaemias combined. Bladder cancer is the one site for which outcomes for males are substantially better than for females with more than a 10% difference at all time periods. Malignant melanoma is the only specific site for which female one-year survival is better than that for males although in 2000-04 this was over 95% in both sexes.

For both the two age-specific all malignancy groups (children and teenagers & young adults) one-year survival rates were around 90% with very little difference between males and females. For the all age, all malignancy group, overall one-year survival in 2000-04 was 66.7% - in other words, after excluding non-melanoma skin cancer, two in every three patients with an invasive cancer will survive for at least one year. This proportion has increased since 1985-89 when it was 55.5%. Overall one-year survival has been substantially better in females than males in all time periods although the difference has diminished from approximately 10% in 1985-89 to 5% in 2000-04. It should be emphasised that any comparisons in all age, all malignancy survival rates critically depend on the relative incidence rates for different types of cancer. Thus, for example, male survival rates would be expected to improve due to the declining incidence of male lung cancer with a poor prognosis.

Where comparisons are possible and despite slight differences in methodology, the one-year survival results presented here for England agree very closely to the equivalent data presented for England and Wales in the recent special supplement of the British Journal of Cancer produced by the Cancer Research UK Cancer Survival Group at the London School of Hygiene and Tropical Medicine<sup>2</sup>. Readers are referred to that publication for more comprehensive data on longer term survival and examination of survival trends in relation to deprivation. The site specific commentaries also discuss the clinical background about the management of each disease.

The Cancer Reform Strategy highlighted the requirement for one-year survival data as a proxy for early/late stage at diagnosis given the relatively poor availability of population-based staging data for most sites of cancer. While there are inadequacies in using these results as a proxy for stage, improvements in one-year survival should be broadly reflective of increasing proportions of patients having an earlier diagnosis. That the majority of cancer sites are showing such improvement should, therefore, be welcomed although attention will need to be given to those sites for which there has been no or limited improvement. These results will provide important baseline information for the new National Awareness and Early Diagnosis Initiative established by the Cancer Reform Strategy.

An important comparator for the data provided in this report will be equivalent one-year survival data from other countries, notably within the EUROCARE<sup>3</sup> and CONCORD<sup>4</sup> studies. At press, comparable one-year data were not published from EUROCARE-4 which covers cancers diagnosed between 1995 and 2001. NCIN will undertake such a comparison when these results become available

The results presented here also provide a benchmark for comparisons in one-year survival between the Cancer Networks within England. This report presents data, for the first time, for all of the 30 current Cancer Networks together and shows the variation between them. As a means of identifying those networks with "outlying" performance, we have adopted the use of funnel plots with 99.8% control limits to "avoid spurious ranking of institutions into 'league tables'"<sup>5</sup>. The networks identified with one-year survival outside of these limits are showing outcomes outside the average with a high degree of statistical significance. Great care needs to be taken in the interpretation of such presentations. They may genuinely represent good or bad performance and identify networks where there maybe, respectively, lessons to be learned or causes for concern.

Funnel plots are not, however, a means of overcoming problems in data quality. Thus, for example, if a cancer registry were underascertaining the incidence of certain types of cancer but partially making up the deficit by tracing back from death certificates, this would lead to a spurious reduction in the survival rate as there would be a bias in the preferential capture of information about poor survivors. This maybe an explanation for the poor outcomes observed for several sites of cancer in the North Trent Cancer Network and requires further investigation. Equally high survival rates may be artefactual where high numbers of registrations are based entirely and only on death certificates and are therefore excluded from the survival analyses.

Also, although the funnel plots are based on relative survival and are thus adjusted for underlying mortality in the population, the network survival estimates are not age adjusted. As survival is partially dependent on age at diagnosis, differences in the age structure between networks may give rise to survival differences.

We have specifically not presented funnel plots for three analyses. These are for the all age, all malignancy group as differences between networks will depend on the frequency of different types of cancer within the respective populations. We have also not shown a funnel plot for bladder cancer as the different cancer registries adopted the new coding rules for this cancer at slightly different times during the 2000-04 time period and this will have a major impact on the comparative results. A funnel plot for testicular cancer is not shown as they are not appropriate when the relative survival estimates are all very close to 100%.

For the 19 site groups where funnel plots are shown, eight have no network below the 99.8% control limit: malignant melanoma, cervical, uterine and kidney cancers, Hodgkin disease, non-Hodgkin lymphoma together with the two age specific all malignancy groupings for children and teenagers & young adults. In addition, for testicular cancer, all networks had one-year survival rates above 95%. Thus, for this group of cancers with a generally good prognosis, no networks are showing outlying one-year outcomes.

The report, in common with all NCIN publications, will be available as a download from the NCIN website ([www.ncin.org.uk](http://www.ncin.org.uk)) in complete pdf format and as individual site-specific pages.

Thanks are due to Jonathan Shelton for constructing and formatting this report and to many staff in the English cancer registries and the Office for National Statistics for providing and quality assuring the underlying data.

The advice and input of Michel Coleman, Bernard Rachet and Manuela Quaresma (CRUK Cancer Survival Group, London School of Hygiene and Tropical Medicine), Paul Silcocks (Trent Cancer Registry) and Catherine Thomson (Cancer Research UK) is particularly appreciated.

**David Forman**

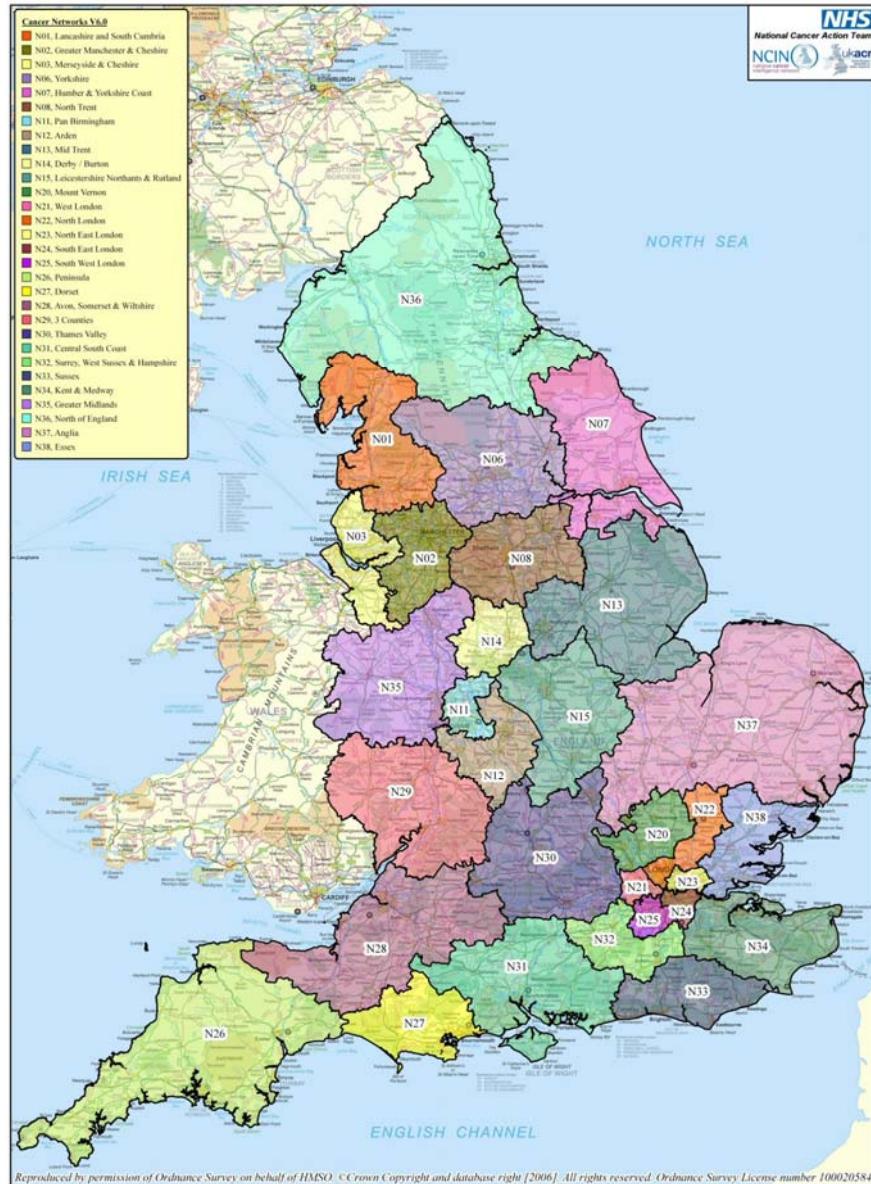
**Information and Analysis Lead  
NCIN**

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2. Trends and inequalities in survival for 20 cancers in England and Wales 1986-2001: population-based analyses and clinical commentaries. *B.J. Cancer* 99-suppl 1, 2008
3. Berrino F et al (2007) Survival for eight major cancers and all cancers combined for European adults diagnosed 1995-99: results of the Eurocare-4 study. *Lancet Oncol.* 8:773-783.
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# Cancer Networks and estimated populations

**NHS** Cancer Networks V6.0 at (14/01/2008)

NATCANSAT

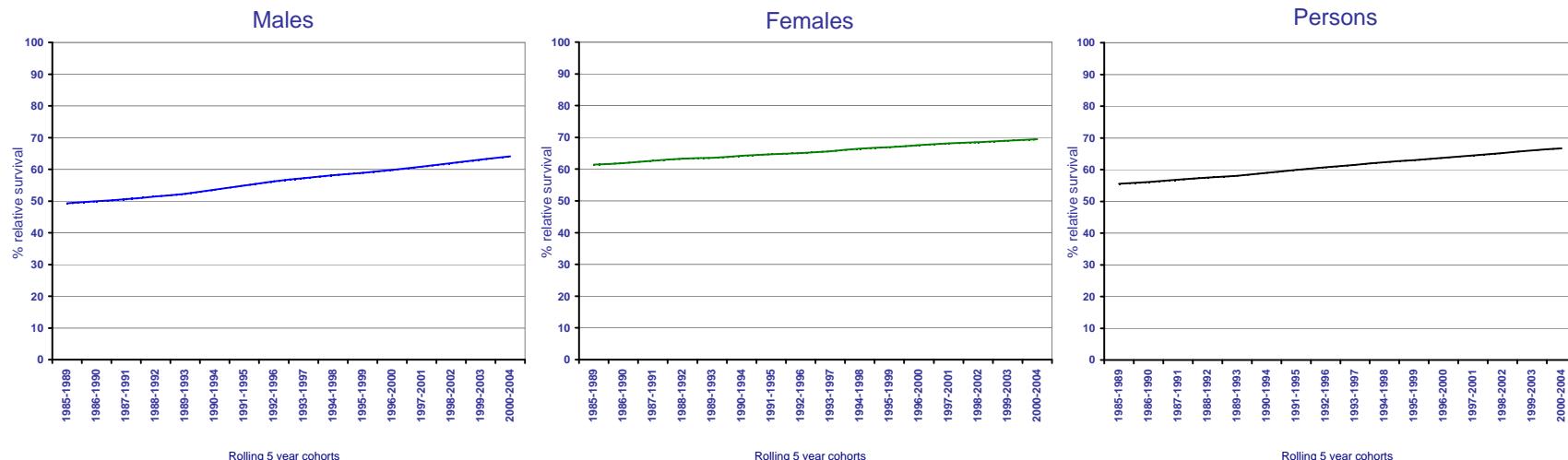


Cancer Network	Estimated Population	Cancer Network	Estimated Population
N01 Lancashire and South Cumbria	1,513,734	N24 South East London	1,527,993
N02 Greater Manchester & Cheshire	3,026,670	N25 South West London	1,555,376
N03 Merseyside & Cheshire	2,013,727	N26 Peninsula	1,632,990
N06 Yorkshire	2,636,000	N27 Dorset	698,684
N07 Humber & Yorkshire Coast	1,053,083	N28 Avon, Somerset & Wiltshire	1,879,525
N08 North Trent	1,772,905	N29 3 Counties	1,035,537
N11 Pan Birmingham	1,902,118	N30 Thames Valley	2,328,161
N12 Arden	989,922	N31 Central South Coast	1,950,651
N13 Mid Trent	1,622,313	N32 Surrey, West Sussex & Hampshire	1,193,245
N14 Derby / Burton	694,250	N33 Sussex	1,154,727
N15 Leicestershire Northants & Rutland	1,612,309	N34 Kent & Medway	1,624,863
N20 Mount Vernon	1,237,808	N35 Greater Midlands	1,882,323
N21 West London	1,829,803	N36 North of England	2,995,948
N22 North London	1,513,763	N37 Anglia	2,667,897
N23 North East London	1,535,083	N38 Essex	1,384,217

## Trends in one year cancer survival, England, 1985-2004

C00-C97 excl. C44: All malignant neoplasms (excl. non-melanoma skin cancer)

Males						Females						Persons					
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		
1985-1989	414,345	221,027	46.7	49.3	49.1 - 49.5	423,315	172,317	59.3	61.4	61.3 - 61.6	837,660	393,344	53.0	55.5	55.4 - 55.6		
1990-1994	445,012	219,778	50.6	53.6	53.4 - 53.7	453,522	172,691	61.9	64.2	64.0 - 64.3	898,534	392,469	56.3	59.0	58.9 - 59.1		
1995-1999	468,127	206,001	56.0	58.9	58.7 - 59.0	475,530	168,215	64.6	67.0	66.8 - 67.1	943,657	374,216	60.3	63.0	62.9 - 63.1		
2000-2004	504,166	196,766	61.0	64.1	63.9 - 64.2	498,802	164,881	66.9	69.4	69.3 - 69.5	1,002,968	361,647	63.9	66.7	66.6 - 66.8		
Estimated change per 5-yr cohort (%): 5.0 4.3 - 5.7						Estimated change per 5-yr cohort (%): 2.7 2.4 - 2.9						Estimated change per 5-yr cohort (%): 3.8 3.5 - 4.1					
P value: 0.001						P value: <0.001						P value: <0.001					
Notes on Trend						Notes on Trend						Notes on Trend					
Estimated 5.0% change per 5 year cohort gives an estimated increase of 1% per annum.						Estimated 2.7% change per 5 year cohort gives an estimated increase of 0.53% per annum.						Estimated 3.8% change per 5 year cohort gives an estimated increase of 0.76% per annum.					



Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005

- - - Dotted lines show 95% confidence limits



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry



KING'S  
LONDON  
North West Cancer Intelligence Service



NWCIS  
West Midlands  
Cancer Intelligence Unit



ecric  
Fighting cancer with innovation



Office for  
National Statistics



CANCER RESEARCH  
UK  
United Kingdom  
and  
Ireland  
Cancer Registries



## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C00-C97 excl. C44: All malignant neoplasms (excl. non-melanoma skin cancer)

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	16,899	6,844	59.5	62.5	61.7 - 63.3	16,779	6,029	64.1	66.5	65.8 - 67.3	33,678	12,873	61.8	64.5	64.0 - 65.1
N02 Greater Manchester and Cheshire CN	29,806	12,419	58.3	61.2	60.6 - 61.8	29,096	10,194	65.0	67.3	66.7 - 67.9	58,902	22,613	61.6	64.2	63.8 - 64.6
N03 Merseyside and Cheshire CN	19,391	7,650	60.5	63.4	62.7 - 64.2	19,898	6,855	65.5	67.8	67.1 - 68.5	39,289	14,505	63.1	65.7	65.2 - 66.2
N06 Yorkshire CN	25,689	9,941	61.3	64.3	63.6 - 64.9	25,936	8,775	66.2	68.6	68.0 - 69.2	51,625	18,716	63.7	66.5	66.0 - 66.9
N07 Humber and Yorkshire Coast CN	11,338	4,594	59.5	62.5	61.5 - 63.5	11,212	3,785	66.2	68.7	67.7 - 69.6	22,550	8,379	62.8	65.6	64.9 - 66.2
N08 North Trent CN	19,803	8,958	54.8	57.6	56.8 - 58.3	19,720	7,467	62.1	64.4	63.7 - 65.2	39,523	16,425	58.4	61.0	60.5 - 61.5
N11 Pan Birmingham CN	17,808	6,596	63.0	65.8	65.1 - 66.6	16,499	5,189	68.5	70.8	70.1 - 71.5	34,307	11,785	65.6	68.2	67.7 - 68.8
N12 Arden CN	9,225	3,223	65.1	68.1	67.0 - 69.1	9,029	2,655	70.6	72.8	71.9 - 73.8	18,254	5,878	67.8	70.4	69.7 - 71.2
N13 Mid Trent CN	16,731	7,142	57.3	60.3	59.5 - 61.1	16,668	5,711	65.7	68.1	67.3 - 68.8	33,399	12,853	61.5	64.2	63.6 - 64.8
N14 Derby/Burton CN	7,188	2,877	60.0	63.0	61.8 - 64.2	6,857	2,259	67.1	69.5	68.3 - 70.7	14,045	5,136	63.4	66.2	65.3 - 67.0
N15 Leics, Northants and Rutland CN	15,445	6,153	60.2	63.3	62.4 - 64.1	15,783	5,162	67.3	69.7	68.9 - 70.5	31,228	11,315	63.8	66.5	66.0 - 67.1
N20 Mount Vernon CN	10,202	4,254	58.3	61.2	60.2 - 62.3	10,536	3,566	66.2	68.5	67.6 - 69.5	20,738	7,820	62.3	65.0	64.3 - 65.7
N21 West London CN	12,767	4,722	63.0	65.9	65.0 - 66.8	12,456	3,767	69.8	72.1	71.2 - 72.9	25,223	8,489	66.3	69.0	68.3 - 69.6
N22 North London CN	9,373	3,595	61.6	64.6	63.6 - 65.7	9,216	2,997	67.5	70.0	68.9 - 71.0	18,589	6,592	64.5	67.3	66.6 - 68.0
N23 North East London CN	11,741	4,975	57.6	60.5	59.6 - 61.5	11,488	4,233	63.2	65.5	64.6 - 66.4	23,229	9,208	60.4	63.0	62.3 - 63.7
N24 South East London CN	12,459	4,974	60.1	63.0	62.1 - 63.9	12,465	4,182	66.5	68.8	68.0 - 69.7	24,924	9,156	63.3	65.9	65.3 - 66.6
N25 South West London CN	10,822	3,659	66.2	69.4	68.4 - 70.3	11,029	3,384	69.3	71.9	71.0 - 72.8	21,851	7,043	67.8	70.7	70.0 - 71.3
N26 Peninsula CN	20,321	7,557	62.8	66.3	65.6 - 67.0	20,247	6,158	69.6	72.3	71.7 - 73.0	40,568	13,715	66.2	69.3	68.8 - 69.8
N27 Dorset CN	10,479	3,394	67.6	71.6	70.6 - 72.6	9,431	2,867	69.6	72.7	71.7 - 73.6	19,910	6,261	68.6	72.1	71.4 - 72.8
N28 Avon, Somerset and Wiltshire CN	20,385	7,397	63.7	67.1	66.4 - 67.8	20,493	6,165	69.9	72.6	71.9 - 73.3	40,878	13,562	66.8	69.9	69.4 - 70.4
N29 3 Counties CN	10,487	3,789	63.9	67.2	66.2 - 68.2	10,655	3,134	70.6	73.1	72.2 - 74.0	21,142	6,923	67.3	70.2	69.5 - 70.9
N30 Thames Valley CN	22,376	7,785	65.2	68.4	67.7 - 69.1	21,864	6,439	70.5	73.0	72.3 - 73.6	44,240	14,224	67.8	70.7	70.2 - 71.1
N31 Central South Coast CN	21,997	7,946	63.9	67.3	66.6 - 68.0	21,185	6,455	69.5	72.2	71.5 - 72.8	43,182	14,401	66.7	69.7	69.2 - 70.2
N32 Surrey, West Sussex and Hampshire CN	13,177	4,813	63.5	66.7	65.8 - 67.6	13,563	4,016	70.4	73.0	72.2 - 73.8	26,740	8,829	67.0	69.9	69.3 - 70.5
N33 Sussex CN	11,696	4,720	59.6	63.1	62.1 - 64.1	12,037	4,255	64.7	67.5	66.6 - 68.5	23,733	8,975	62.2	65.4	64.7 - 66.0
N34 Kent and Medway CN	15,983	6,700	58.1	61.1	60.2 - 61.9	15,900	5,643	64.5	67.0	66.2 - 67.8	31,883	12,343	61.3	64.0	63.5 - 64.6
N35 Greater Midlands CN	18,751	7,439	60.3	63.1	62.4 - 63.9	18,723	5,903	68.5	70.8	70.1 - 71.5	37,474	13,342	64.4	67.0	66.5 - 67.5
N36 North of England CN	33,481	14,015	58.1	60.9	60.3 - 61.5	33,203	12,202	63.3	65.5	64.9 - 66.0	66,684	26,217	60.7	63.2	62.8 - 63.6
N37 Anglia CN	30,341	11,443	62.3	65.7	65.1 - 66.3	29,406	9,285	68.4	71.1	70.5 - 71.6	59,747	20,728	65.3	68.3	67.9 - 68.8
N38 Essex CN	18,005	7,192	60.1	63.3	62.5 - 64.0	17,428	6,149	64.7	67.2	66.4 - 68.0	35,433	13,341	62.3	65.2	64.7 - 65.8
<b>England</b>	<b>504,166</b>	<b>196,766</b>	<b>61.0</b>	<b>64.1</b>	<b>63.9 - 64.2</b>	<b>498,802</b>	<b>164,881</b>	<b>66.9</b>	<b>69.4</b>	<b>69.3 - 69.5</b>	<b>1,002,968</b>	<b>361,647</b>	<b>63.9</b>	<b>66.7</b>	<b>66.6 - 66.8</b>

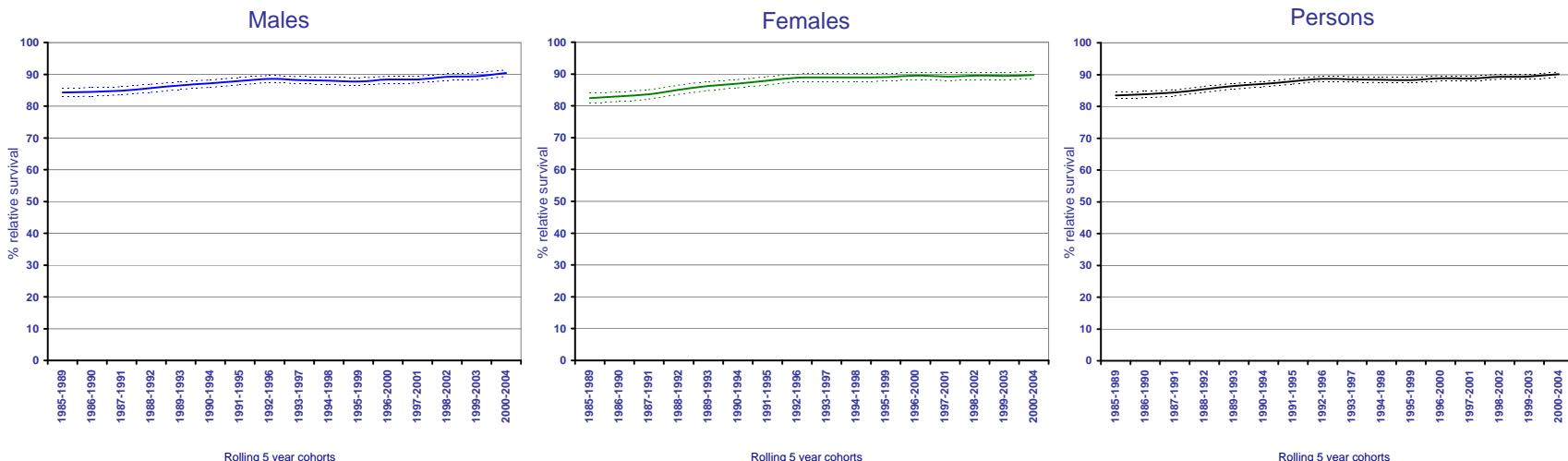
Please note that a funnel plot is not included for all malignant neoplasms (excl. non-melanoma skin cancer) as differences between networks will be dependant on the frequency of different types cancer within the respective populations.

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005

## Trends in one year cancer survival, England, 1985-2004

C00-C97 excl. C44: All malignant neoplasms (excl. non-melanoma skin cancer) - Children (0-14yrs)

Males						Females						Persons					
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		
1985-1989	2,979	470	84.2	84.3	83.0 - 85.6	2,378	419	82.4	82.5	80.9 - 84.0	5,357	889	83.4	83.5	82.5 - 84.5		
1990-1994	3,298	427	87.1	87.1	86.0 - 88.3	2,607	341	86.9	87.0	85.7 - 88.3	5,905	768	87.0	87.1	86.2 - 87.9		
1995-1999	3,395	418	87.7	87.8	86.6 - 88.9	2,775	307	88.9	89.0	87.8 - 90.2	6,170	725	88.2	88.3	87.5 - 89.1		
2000-2004	3,379	326	90.4	90.4	89.4 - 91.4	2,751	285	89.6	89.7	88.5 - 90.9	6,130	611	90.0	90.1	89.3 - 90.9		
<b>Estimated change per 5-yr cohort (%):</b> 1.9      0.6 - 3.2						<b>Estimated change per 5-yr cohort (%):</b> 2.2      -0.4 - 4.9						<b>Estimated change per 5-yr cohort (%):</b> 2.0      0.6 - 3.5					
<b>P value:</b> 0.025						<b>P value:</b> 0.070						<b>P value:</b> 0.027					
<b>Notes on Trend</b>						<b>Notes on Trend</b>						<b>Notes on Trend</b>					
Estimated 1.9% change per 5 year cohort gives an estimated increase of 0.38% per annum.						The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.						Estimated 2.0% change per 5 year cohort gives an estimated increase of 0.41% per annum.					



Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005

- - - Dotted lines show 95% confidence limits



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry

KING'S  
COLLEGE  
LONDON  
North West Cancer Intelligence Service

NWCIS



West Midlands  
Cancer Intelligence Unit



Office for  
National Statistics

CANCER RESEARCH UK



United Kingdom  
Association of  
Cancer Registries

ukacr

ukacr

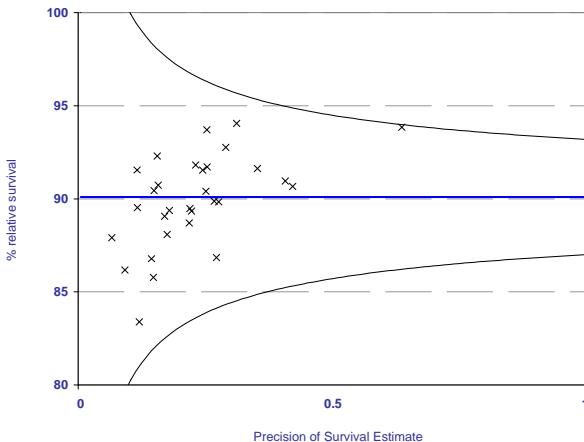
## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C00-C97 excl. C44: All malignant neoplasms (excl. non-melanoma skin cancer) - Children (0-14yrs)

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	97	11	88.7	88.7	82.3 - 95.2	76	8	89.5	89.5	82.5 - 96.5	173	19	89.0	89.1	84.3 - 93.8
N02 Greater Manchester and Cheshire CN	189	13	93.1	93.2	89.5 - 96.9	184	22	88.0	88.1	83.3 - 92.9	373	35	90.6	90.7	87.6 - 93.7
N03 Merseyside and Cheshire CN	132	11	91.7	91.7	86.9 - 96.5	96	11	88.5	88.6	82.1 - 95.1	228	22	90.4	90.4	86.5 - 94.3
N06 Yorkshire CN	208	18	91.3	91.4	87.5 - 95.3	143	14	90.2	90.3	85.3 - 95.2	351	32	90.9	91.0	87.9 - 94.0
N07 Humber and Yorkshire Coast CN	67	4	94.0	94.1	88.3 - 99.9	47	8	83.0	83.0	72.1 - 94.0	114	12	89.5	89.5	83.8 - 95.3
N08 North Trent CN	128	16	87.5	87.6	81.7 - 93.4	101	10	90.1	90.1	84.2 - 96.1	229	26	88.6	88.7	84.5 - 92.9
N11 Pan Birmingham CN	149	14	90.6	90.7	85.9 - 95.4	106	12	88.7	88.8	82.6 - 94.9	255	26	89.8	89.9	86.1 - 93.7
N12 Arden CN	69	7	89.9	89.9	82.6 - 97.2	47	2	95.7	95.8	89.9 - 101.7	116	9	92.2	92.3	87.3 - 97.3
N13 Mid Trent CN	96	12	87.5	87.6	80.8 - 94.4	78	17	78.2	78.2	68.9 - 87.6	174	29	83.3	83.4	77.7 - 89.1
N14 Derby/Burton CN	60	6	90.0	90.1	82.3 - 97.8	34	2	94.1	94.2	86.1 - 102.3	94	8	91.5	91.5	85.8 - 97.3
N15 Leics, Northants and Rutland CN	110	15	86.4	86.4	79.9 - 93.0	79	12	84.8	84.9	76.8 - 93.0	189	27	85.7	85.8	80.7 - 90.9
N20 Mount Vernon CN	78	8	89.7	89.8	82.9 - 96.7	61	5	91.8	91.9	84.9 - 98.9	139	13	90.6	90.7	85.8 - 95.7
N21 West London CN	135	19	85.9	86.0	80.0 - 92.0	88	5	94.3	94.4	89.5 - 99.3	223	24	89.2	89.3	85.2 - 93.5
N22 North London CN	85	5	94.1	94.2	89.1 - 99.3	72	5	93.1	93.1	87.1 - 99.1	157	10	93.6	93.7	89.8 - 97.6
N23 North East London CN	93	8	91.4	91.5	85.6 - 97.3	112	7	93.8	93.8	89.3 - 98.4	205	15	92.7	92.8	89.1 - 96.4
N24 South East London CN	100	15	85.0	85.1	77.9 - 92.2	92	8	91.3	91.4	85.5 - 97.3	192	23	88.0	88.1	83.4 - 92.8
N25 South West London CN	95	11	88.4	88.5	81.9 - 95.1	78	12	84.6	84.7	76.5 - 92.9	173	23	86.7	86.8	81.6 - 92.0
N26 Peninsula CN	104	8	92.3	92.4	87.2 - 97.6	79	3	96.2	96.2	91.9 - 100.5	183	11	94.0	94.0	90.5 - 97.6
N27 Dorset CN	38	4	89.5	89.5	79.6 - 99.5	36	5	86.1	86.2	74.6 - 97.7	74	9	87.8	87.9	80.3 - 95.5
N28 Avon, Somerset and Wiltshire CN	129	9	93.0	93.1	88.6 - 97.6	88	14	84.1	84.1	76.3 - 91.9	217	23	89.4	89.5	85.3 - 93.7
N29 3 Counties CN	56	6	89.3	89.4	81.1 - 97.6	59	10	83.1	83.1	73.3 - 92.9	115	16	86.1	86.2	79.7 - 92.6
N30 Thames Valley CN	155	16	89.7	89.7	84.9 - 94.6	129	8	93.8	93.9	89.6 - 98.1	284	24	91.5	91.6	88.3 - 94.9
N31 Central South Coast CN	132	16	87.9	87.9	82.3 - 93.6	132	11	91.7	91.7	86.9 - 96.5	264	27	89.8	89.8	86.1 - 93.6
N32 Surrey, West Sussex and Hampshire CN	103	13	87.4	87.4	80.9 - 94.0	75	6	92.0	92.0	85.8 - 98.3	178	19	89.3	89.4	84.7 - 94.0
N33 Sussex CN	72	9	87.5	87.5	79.7 - 95.3	63	4	93.7	93.8	87.6 - 99.9	135	13	90.4	90.4	85.4 - 95.5
N34 Kent and Medway CN	109	8	92.7	92.7	87.7 - 97.7	73	7	90.4	90.5	83.6 - 97.3	182	15	91.8	91.8	87.7 - 95.9
N35 Greater Midlands CN	112	10	91.1	91.2	85.8 - 96.6	91	7	92.3	92.4	86.8 - 98.0	203	17	91.6	91.7	87.8 - 95.6
N36 North of England CN	210	12	94.3	94.3	91.1 - 97.5	176	12	93.2	93.2	89.4 - 97.1	386	24	93.8	93.8	91.4 - 96.3
N37 Anglia CN	162	15	90.7	90.8	86.3 - 95.4	163	28	82.8	82.9	77.0 - 88.8	325	43	86.8	86.8	83.1 - 90.6
N38 Essex CN	106	7	93.4	93.5	88.6 - 98.3	93	10	89.2	89.3	82.9 - 95.8	199	17	91.5	91.5	87.6 - 95.5
England	3,379	326	90.4	90.4	89.4 - 91.4	2,751	285	89.6	89.7	88.5 - 90.9	6,130	611	90.0	90.1	89.3 - 90.9

Overall England Survival Rate  
99.8% Control limits

Please note that the relative survival rates are not age standardised



Networks above 99.8% control limit:  
None

Networks below 99.8% control limit:  
None

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS



KING'S  
LONDON



NWCIS  
North West Cancer Intelligence Service



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West  
Midlands  
Cancer  
Intelligence  
Unit



Office for  
National  
Statistics



CANCER  
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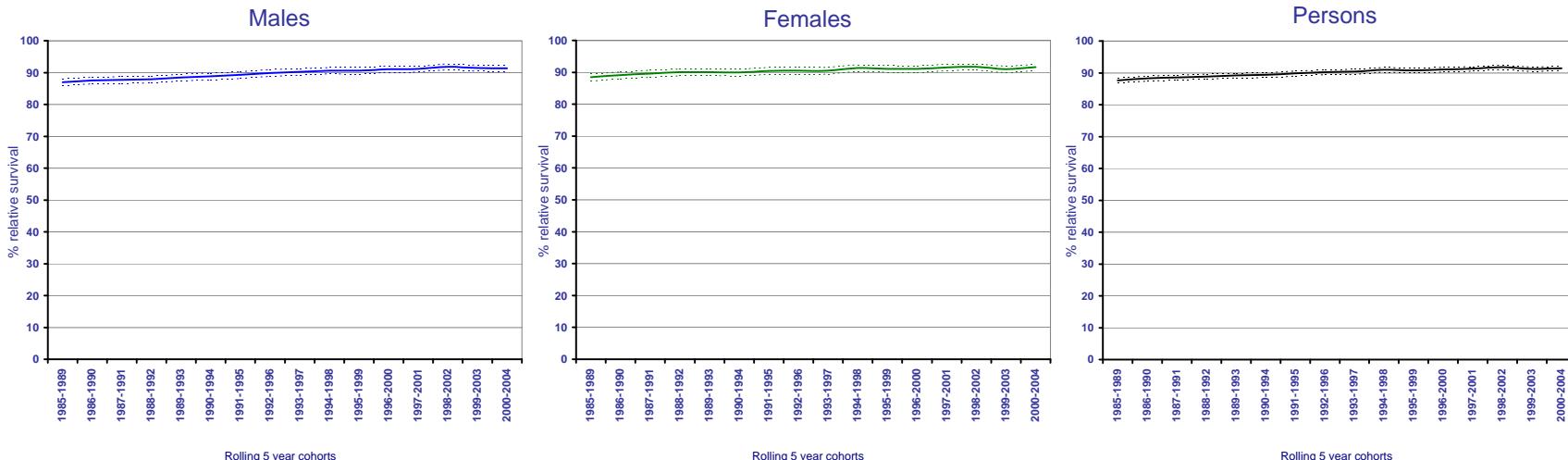


United Kingdom  
Cancer  
Registries

## Trends in one year cancer survival, England, 1985-2004

C00-C97 excl. C44: All malignant neoplasms (excl. non-melanoma skin cancer) - Teenage and young adults (15-24yrs)

Males						Females						Persons					
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		
1985-1989	3,884	507	86.9	87.0	85.9 - 88.1	3,234	375	88.4	88.4	87.3 - 89.6	7,118	882	87.6	87.7	86.9 - 88.4		
1990-1994	3,506	394	88.8	88.8	87.8 - 89.9	3,081	310	89.9	90.0	88.9 - 91.1	6,587	704	89.3	89.4	88.6 - 90.1		
1995-1999	3,363	319	90.5	90.6	89.6 - 91.6	2,796	249	91.1	91.1	90.0 - 92.2	6,159	568	90.8	90.8	90.1 - 91.6		
2000-2004	3,788	330	91.3	91.4	90.4 - 92.3	3,223	271	91.6	91.6	90.6 - 92.6	7,011	601	91.4	91.5	90.8 - 92.1		
<b>Estimated change per 5-yr cohort (%):</b> 1.4 0.7 - 2.2						<b>Estimated change per 5-yr cohort (%):</b> 1.0 0.3 - 1.8						<b>Estimated change per 5-yr cohort (%):</b> 1.3 0.5 - 2.0					
<b>P value:</b> 0.015						<b>P value:</b> 0.023						<b>P value:</b> 0.018					
<b>Notes on Trend</b>						<b>Notes on Trend</b>						<b>Notes on Trend</b>					
Estimated 1.4% change per 5 year cohort gives an estimated increase of 0.29% per annum.						Estimated 1.0% change per 5 year cohort gives an estimated increase of 0.21% per annum.						Estimated 1.3% change per 5 year cohort gives an estimated increase of 0.25% per annum.					



Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005

- - - Dotted lines show 95% confidence limits



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry



KING'S  
LONDON  
North West Cancer Intelligence Service



NWCIS  
West Midlands  
Cancer Intelligence Unit



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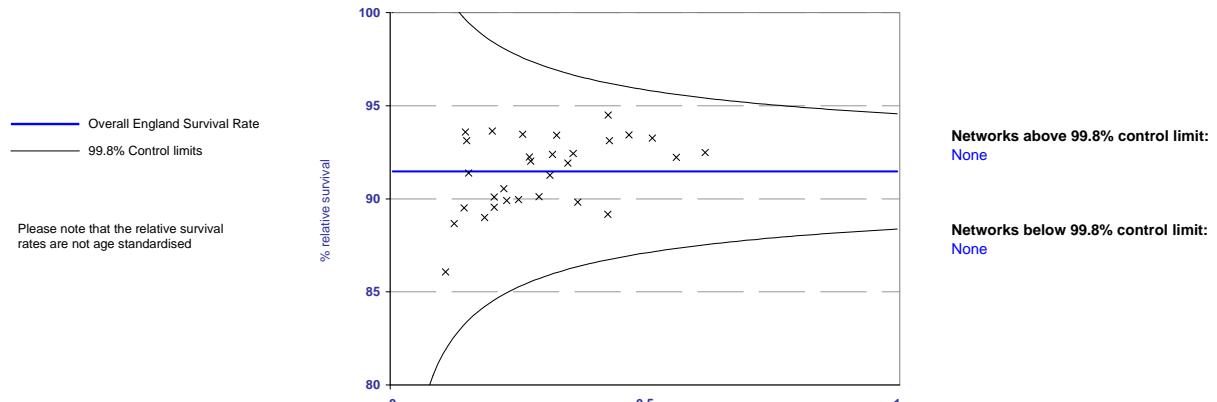


United Kingdom  
and Ireland  
Cancer Registries

## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C00-C97 excl. C44: All malignant neoplasms (excl. non-melanoma skin cancer) - Teenage and young adults (15-24yrs)

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	125	11	91.2	91.3	86.2 - 96.3		110	7	93.6	93.7	89.0 - 98.3		235	18	92.3	92.4	88.9 - 95.9			
N02 Greater Manchester and Cheshire CN	208	28	86.5	86.6	81.9 - 91.3		224	19	91.5	91.5	87.8 - 95.3		432	47	89.1	89.2	86.2 - 92.2			
N03 Merseyside and Cheshire CN	143	14	90.2	90.3	85.3 - 95.2		128	8	93.8	93.8	89.5 - 98.1		271	22	91.9	91.9	88.6 - 95.2			
N06 Yorkshire CN	206	15	92.7	92.8	89.2 - 96.4		216	18	91.7	91.7	87.9 - 95.5		422	33	92.2	92.2	89.6 - 94.8			
N07 Humber and Yorkshire Coast CN	71	5	93.0	93.0	86.9 - 99.1		56	6	89.3	89.3	81.0 - 97.6		127	11	91.3	91.4	86.4 - 96.4			
N08 North Trent CN	148	11	92.6	92.6	88.3 - 96.9		115	9	92.2	92.2	87.2 - 97.2		263	20	92.4	92.4	89.2 - 95.7			
N11 Pan Birmingham CN	148	13	91.2	91.3	86.6 - 95.9		114	10	91.2	91.3	86.0 - 96.6		262	23	91.2	91.3	87.8 - 94.8			
N12 Arden CN	78	9	88.4	88.4	81.2 - 95.7		65	6	90.8	90.8	83.6 - 98.0		143	15	89.5	89.5	84.4 - 94.7			
N13 Mid Trent CN	110	7	93.6	93.7	89.0 - 98.4		101	7	93.1	93.1	88.0 - 98.1		211	14	93.4	93.4	90.0 - 96.8			
N14 Derby/Burton CN	49	1	98.0	98.0	94.0 - 102.1		44	5	88.6	88.7	79.1 - 98.2		93	6	93.5	93.6	88.5 - 98.7			
N15 Leics, Northants and Rutland CN	110	10	90.9	91.0	85.5 - 96.5		102	7	93.1	93.2	88.2 - 98.2		212	17	92.0	92.0	88.3 - 95.8			
N20 Mount Vernon CN	78	12	84.6	84.7	76.5 - 92.9		58	7	87.9	88.0	79.4 - 96.5		136	19	86.0	86.1	80.1 - 92.0			
N21 West London CN	141	15	89.4	89.4	84.2 - 94.6		131	12	90.8	90.9	85.8 - 95.9		272	27	90.1	90.1	86.5 - 93.7			
N22 North London CN	89	7	92.1	92.2	86.5 - 97.9		78	4	94.9	94.9	89.9 - 99.9		167	11	93.4	93.5	89.6 - 97.3			
N23 North East London CN	93	10	89.2	89.3	82.9 - 95.7		97	11	88.7	88.7	82.2 - 95.1		190	21	88.9	89.0	84.4 - 93.5			
N24 South East London CN	100	13	87.0	87.1	80.3 - 93.8		91	6	93.4	93.4	88.2 - 98.6		191	19	90.1	90.1	85.8 - 94.4			
N25 South West London CN	110	9	91.8	91.9	86.7 - 97.1		90	12	86.7	86.7	79.5 - 93.9		200	21	89.5	89.5	85.2 - 93.9			
N26 Peninsula CN	123	14	88.6	88.7	82.9 - 94.4		115	10	91.3	91.3	86.1 - 96.6		238	24	89.9	90.0	86.1 - 93.9			
N27 Dorset CN	53	2	96.2	96.3	91.1 - 101.5		48	5	89.6	89.6	80.8 - 98.4		101	7	93.1	93.1	88.1 - 98.2			
N28 Avon, Somerset and Wiltshire CN	171	8	95.3	95.4	92.2 - 98.6		131	12	90.8	90.9	85.8 - 95.9		302	20	93.4	93.4	90.6 - 96.3			
N29 3 Counties CN	67	5	92.5	92.6	86.2 - 99.0		58	3	94.8	94.9	89.0 - 100.7		125	8	93.6	93.6	89.3 - 98.0			
N30 Thames Valley CN	203	16	92.1	92.2	88.4 - 96.0		136	7	94.9	94.9	91.1 - 98.7		339	23	93.2	93.3	90.5 - 96.0			
N31 Central South Coast CN	155	11	92.9	93.0	88.8 - 97.1		134	9	93.3	93.3	89.0 - 97.6		289	20	93.1	93.1	90.1 - 96.1			
N32 Surrey, West Sussex and Hampshire CN	133	10	92.5	92.5	88.0 - 97.1		72	6	91.7	91.7	85.2 - 98.2		205	16	92.2	92.2	88.5 - 96.0			
N33 Sussex CN	65	9	86.2	86.2	77.6 - 94.8		67	6	91.0	91.1	84.1 - 98.0		132	15	88.6	88.7	83.2 - 94.2			
N34 Kent and Medway CN	113	8	92.9	93.0	88.2 - 97.8		104	14	86.5	86.6	79.9 - 93.3		217	22	89.9	89.9	85.8 - 94.0			
N35 Greater Midlands CN	121	8	93.4	93.5	88.9 - 98.0		113	5	95.6	95.6	91.7 - 99.5		234	13	94.4	94.5	91.5 - 97.5			
N36 North of England CN	246	18	92.7	92.7	89.4 - 96.1		204	16	92.2	92.2	88.4 - 95.9		450	34	92.4	92.5	90.0 - 95.0			
N37 Anglia CN	217	21	90.3	90.4	86.4 - 94.4		135	15	88.9	88.9	83.5 - 94.3		352	36	89.8	89.8	86.6 - 93.1			
N38 Essex CN	114	10	91.2	91.3	86.0 - 96.6		86	9	89.5	89.6	83.0 - 96.2		200	19	90.5	90.5	86.4 - 94.7			
<b>England</b>	<b>3,788</b>	<b>330</b>	<b>91.3</b>	<b>91.4</b>	<b>90.4 - 92.3</b>		<b>3,223</b>	<b>271</b>	<b>91.6</b>	<b>91.6</b>	<b>90.6 - 92.6</b>		<b>7,011</b>	<b>601</b>	<b>91.4</b>	<b>91.5</b>	<b>90.8 - 92.1</b>			



Version 1.1 (England) 25/09/2008  
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Death registrations from ONS. Deaths up to and including 31/12/2005

## Trends in one year cancer survival, England, 1985-2004

### C00-C14: Lip, oral cavity and pharynx

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	8,553	2,840	66.8	69.6	68.6 - 70.7
1990-1994	9,502	2,979	68.6	71.3	70.4 - 72.3
1995-1999	10,375	3,036	70.7	73.0	72.1 - 74.0
2000-2004	12,194	3,262	73.2	75.4	74.6 - 76.2

Estimated change per 5-yr cohort (%): **1.9**  
P value: **0.003**

#### Notes on Trend

Estimated 1.9% change per 5 year cohort gives an estimated increase of 0.38% per annum.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	5,003	1,636	67.3	69.8	68.4 - 71.2
1990-1994	5,304	1,620	69.5	72.1	70.8 - 73.4
1995-1999	6,073	1,664	72.6	75.2	74.0 - 76.4
2000-2004	6,573	1,655	74.8	77.4	76.3 - 78.5

Estimated change per 5-yr cohort (%): **2.6**  
P value: **0.002**

#### Notes on Trend

Estimated 2.6% change per 5 year cohort gives an estimated increase of 0.51% per annum.

#### Persons

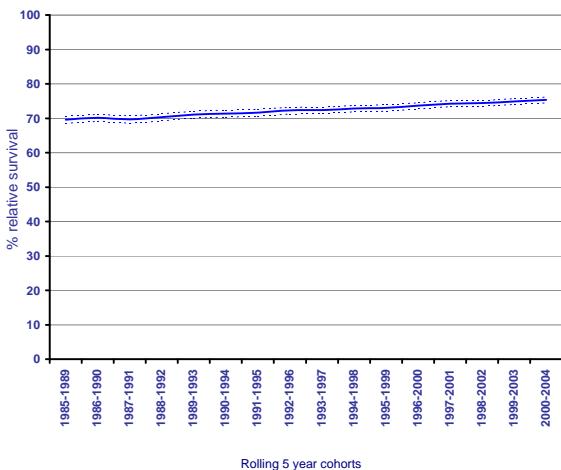
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	13,556	4,476	67.0	69.7	68.9 - 70.5
1990-1994	14,806	4,599	68.9	71.6	70.8 - 72.4
1995-1999	16,448	4,700	71.4	73.8	73.1 - 74.6
2000-2004	18,767	4,917	73.8	76.1	75.4 - 76.7

Estimated change per 5-yr cohort (%): **2.1**  
P value: **0.001**

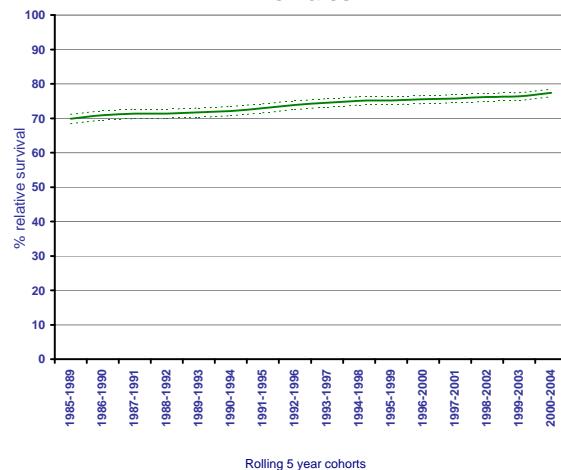
#### Notes on Trend

Estimated 2.1% change per 5 year cohort gives an estimated increase of 0.43% per annum.

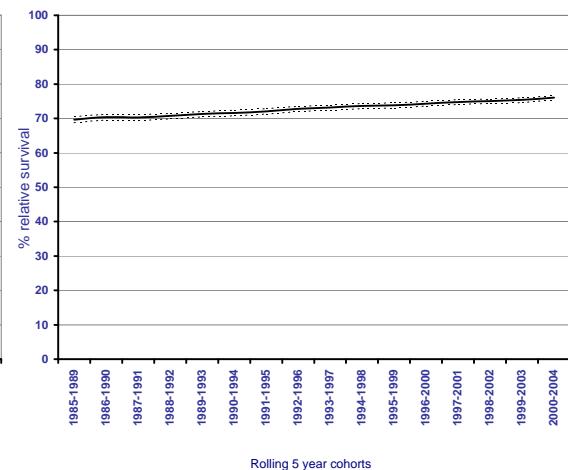
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

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Death registrations from ONS. Deaths up to and including 31/12/2005



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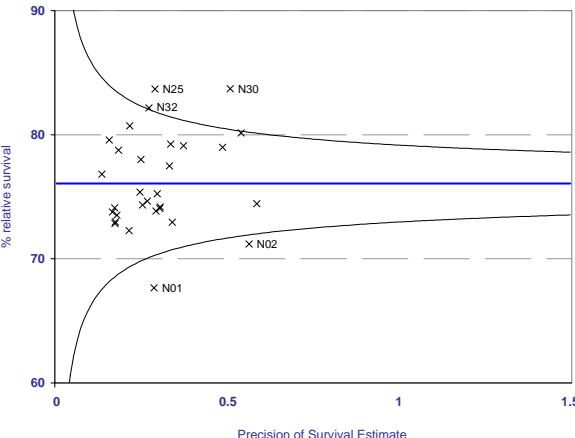
## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C00-C14: Lip, oral cavity and pharynx

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	468	159	66.0	67.9	63.4 - 72.4		249	87	65.1	67.2	61.0 - 73.5		717	246	65.7	67.7	64.0 - 71.3			
N02 Greater Manchester and Cheshire CN	899	292	67.5	69.4	66.2 - 72.6		425	116	72.7	75.0	70.6 - 84.0		1,324	408	69.2	71.2	68.6 - 73.8			
N03 Merseyside and Cheshire CN	524	164	68.7	70.4	66.3 - 74.6		244	58	76.2	78.4	72.8 - 84.0		768	222	71.1	73.0	69.6 - 76.3			
N06 Yorkshire CN	612	153	75.0	77.0	73.4 - 80.6		344	69	79.9	82.6	78.1 - 87.0		956	222	76.8	79.0	76.2 - 81.8			
N07 Humber and Yorkshire Coast CN	263	59	77.6	80.1	74.8 - 85.4		149	31	79.2	81.8	75.0 - 88.7		412	90	78.2	80.7	76.5 - 84.9			
N08 North Trent CN	443	121	72.7	74.7	70.4 - 79.1		210	63	70.0	72.0	65.5 - 78.5		653	184	71.8	73.8	70.2 - 77.5			
N11 Pan Birmingham CN	432	121	72.0	74.0	69.5 - 78.4		243	67	72.4	74.6	68.7 - 80.5		675	188	72.1	74.2	70.6 - 77.7			
N12 Arden CN	236	66	72.0	73.7	67.8 - 79.7		134	38	71.6	73.9	65.8 - 81.9		370	104	71.9	73.8	69.0 - 78.6			
N13 Mid Trent CN	371	107	71.2	73.4	68.5 - 78.2		221	56	74.7	76.8	70.8 - 82.8		592	163	72.5	74.7	70.9 - 78.4			
N14 Derby/Burton CN	172	44	74.4	76.2	69.4 - 83.1		110	27	75.5	77.7	69.3 - 86.2		282	71	74.8	76.8	71.5 - 82.1			
N15 Leics, Northants and Rutland CN	349	93	73.4	75.6	70.8 - 80.5		221	67	69.7	72.3	65.9 - 78.7		570	160	71.9	74.3	70.4 - 78.2			
N20 Mount Vernon CN	261	76	70.9	72.7	67.0 - 78.5		136	40	70.6	73.0	64.9 - 81.1		397	116	70.8	72.8	68.1 - 77.5			
N21 West London CN	449	109	75.7	77.4	73.3 - 81.6		227	57	74.9	77.6	71.7 - 83.6		676	166	75.4	77.5	74.1 - 80.9			
N22 North London CN	258	83	67.8	69.8	63.9 - 75.8		143	31	78.3	80.1	73.1 - 87.2		401	114	71.6	73.5	68.9 - 78.2			
N23 North East London CN	253	72	71.5	73.6	67.7 - 79.4		148	45	69.6	72.0	64.1 - 79.8		401	117	70.8	73.0	68.3 - 77.7			
N24 South East London CN	349	97	72.2	73.9	69.0 - 78.8		176	42	76.1	78.3	71.7 - 84.9		525	139	73.5	75.4	71.4 - 79.3			
N25 South West London CN	307	56	81.8	83.5	79.0 - 88.1		168	31	81.5	83.9	77.7 - 90.1		475	87	81.7	83.7	80.0 - 87.3			
N26 Peninsula CN	425	113	73.4	75.9	71.5 - 80.4		251	46	81.7	84.9	79.8 - 89.9		676	159	76.5	79.2	75.9 - 82.6			
N27 Dorset CN	210	54	74.3	77.2	70.9 - 83.4		107	20	81.3	84.3	76.5 - 92.1		317	74	76.7	79.6	74.7 - 84.5			
N28 Avon, Somerset and Wiltshire CN	443	124	72.0	74.4	70.0 - 78.8		247	72	70.9	73.4	67.4 - 79.4		690	196	71.6	74.1	70.5 - 77.6			
N29 3 Counties CN	237	59	75.1	77.6	71.8 - 83.5		136	30	77.9	80.7	73.3 - 88.1		373	89	76.1	78.8	74.2 - 83.3			
N30 Thames Valley CN	551	110	80.0	82.4	78.9 - 85.9		313	53	83.1	86.0	81.6 - 90.4		864	163	81.1	83.7	81.0 - 86.5			
N31 Central South Coast CN	458	117	74.5	76.9	72.6 - 81.1		290	59	79.7	82.8	77.8 - 87.7		748	176	76.5	79.1	75.9 - 82.3			
N32 Surrey, West Sussex and Hampshire CN	310	59	81.0	83.3	78.7 - 87.9		181	41	77.3	80.2	73.8 - 86.7		491	100	79.6	82.2	78.4 - 85.9			
N33 Sussex CN	251	70	72.1	74.4	68.6 - 80.3		143	42	70.6	73.6	65.6 - 81.5		394	112	71.6	74.1	69.4 - 78.8			
N34 Kent and Medway CN	318	80	74.8	77.3	72.3 - 82.3		198	47	76.3	79.1	72.9 - 85.4		516	127	75.4	78.0	74.1 - 81.9			
N35 Greater Midlands CN	420	105	75.0	76.9	72.6 - 81.3		224	68	69.6	72.1	65.7 - 78.4		644	173	73.1	75.3	71.7 - 78.8			
N36 North of England CN	896	252	71.9	73.9	70.8 - 76.9		398	106	73.4	75.8	71.2 - 80.4		1,294	358	72.3	74.5	71.9 - 77.0			
N37 Anglia CN	682	146	78.6	81.5	78.2 - 84.7		377	94	75.1	77.7	73.1 - 82.3		1,059	240	77.3	80.1	77.5 - 82.8			
N38 Essex CN	347	101	70.9	73.0	68.0 - 78.0		160	52	67.5	70.7	62.9 - 78.4		507	153	69.8	72.3	68.1 - 76.5			
<b>England</b>	<b>12,194</b>	<b>3,262</b>	<b>73.2</b>	<b>75.4</b>	<b>74.6 - 76.2</b>		<b>6,573</b>	<b>1,655</b>	<b>74.8</b>	<b>77.4</b>	<b>76.3 - 78.5</b>		<b>18,767</b>	<b>4,917</b>	<b>73.8</b>	<b>76.1</b>	<b>75.4 - 76.7</b>			

Overall England Survival Rate  
99.8% Control limits

Please note that the relative survival rates are not age standardised



**Networks above 99.8% control limit:**  
N25 South West London  
N30 Thames Valley  
N32 Surrey, West Sussex and Hampshire

**Networks below 99.8% control limit:**  
N01 Lancashire and South Cumbria  
N02 Greater Manchester and Cheshire

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



## Trends in one year cancer survival, England, 1985-2004

### C15: Oesophagus

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	11,722	9,010	23.1	24.4	23.6 - 25.2
1990-1994	13,421	9,946	25.9	27.4	26.6 - 28.2
1995-1999	14,779	10,404	29.6	31.1	30.3 - 31.9
2000-2004	17,155	10,959	36.1	37.9	37.2 - 38.7

Estimated change per 5-yr cohort (%): **4.5**  
P value: **0.020**

#### Notes on Trend

Estimated 4.5% change per 5 year cohort gives an estimated increase of 0.89% per annum.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	8,253	6,262	24.1	25.5	24.5 - 26.5
1990-1994	9,202	6,792	26.2	27.7	26.7 - 28.7
1995-1999	9,522	6,989	26.6	28.2	27.2 - 29.2
2000-2004	9,724	6,647	31.6	33.6	32.6 - 34.6

Estimated change per 5-yr cohort (%): **2.5**  
P value: **0.073**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

#### Persons

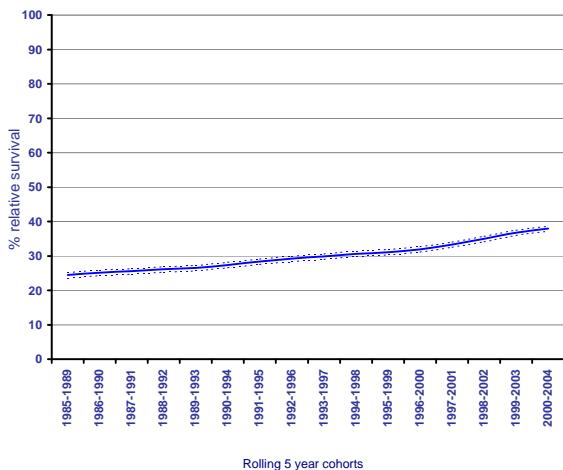
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	19,975	15,272	23.5	24.9	24.2 - 25.5
1990-1994	22,623	16,738	26.0	27.5	26.9 - 28.1
1995-1999	24,301	17,393	28.4	30.0	29.4 - 30.6
2000-2004	26,879	17,606	34.5	36.4	35.8 - 37.0

Estimated change per 5-yr cohort (%): **3.7**  
P value: **0.031**

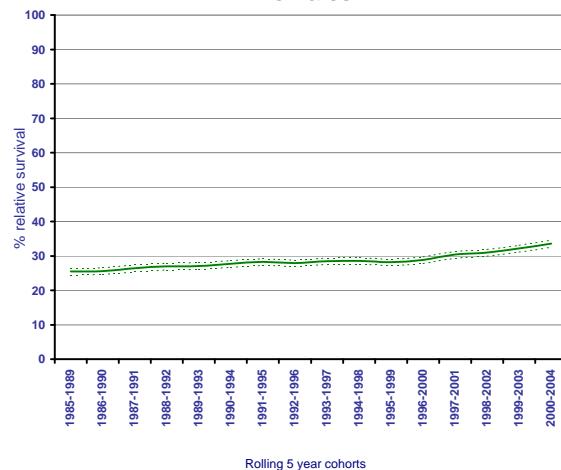
#### Notes on Trend

Estimated 3.7% change per 5 year cohort gives an estimated increase of 0.74% per annum.

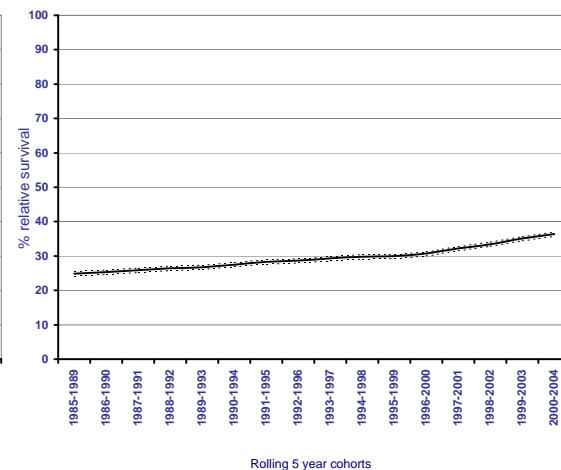
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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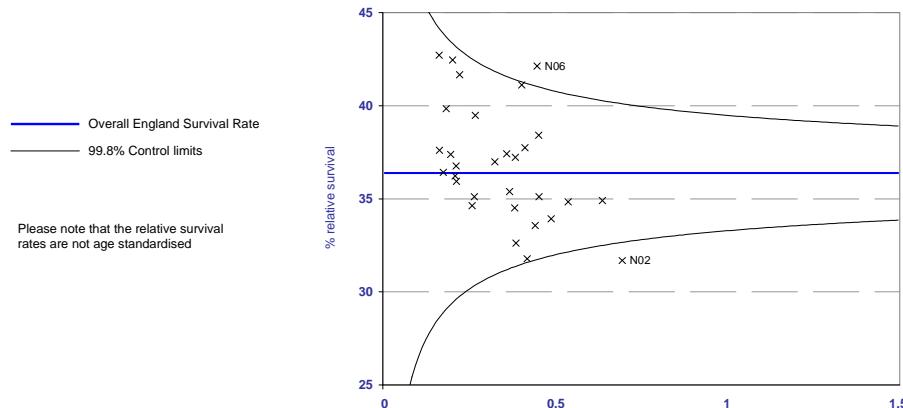


United Kingdom  
and Ireland  
Cancer Registries

## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C15: Oesophagus

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	594	398	33.0	34.6	30.5 - 38.6	359	260	27.6	29.3	24.3 - 34.3	953	658	31.0	32.6	29.5 - 35.8
N02 Greater Manchester and Cheshire CN	1,113	761	31.6	33.2	30.2 - 36.1	570	415	27.2	28.8	24.8 - 32.7	1,683	1,176	30.1	31.7	29.3 - 34.0
N03 Merseyside and Cheshire CN	728	468	35.7	37.4	33.7 - 41.1	432	305	29.4	31.2	26.5 - 35.9	1,160	773	33.4	35.1	32.2 - 38.0
N06 Yorkshire CN	800	461	42.4	44.4	40.7 - 48.0	439	282	35.8	38.0	33.1 - 42.8	1,239	743	40.0	42.1	39.2 - 45.1
N07 Humber and Yorkshire Coast CN	418	271	35.2	36.8	31.9 - 41.7	240	170	29.2	30.8	24.6 - 37.0	658	441	33.0	34.6	30.8 - 38.5
N08 North Trent CN	639	428	33.0	34.7	30.8 - 38.7	384	287	25.3	26.8	22.1 - 31.5	1,023	715	30.1	31.8	28.8 - 34.8
N11 Pan Birmingham CN	583	382	34.5	36.0	31.9 - 40.1	381	264	30.7	32.2	27.3 - 37.2	964	646	33.0	34.5	31.3 - 37.7
N12 Arden CN	308	183	40.6	42.8	36.9 - 48.7	191	127	33.5	35.1	28.0 - 42.3	499	310	37.9	39.8	35.3 - 44.4
N13 Mid Trent CN	650	405	37.7	39.5	35.5 - 43.5	362	249	31.2	33.0	27.9 - 38.2	1,012	654	35.4	37.2	34.1 - 40.4
N14 Derby/Burton CN	297	194	34.7	36.4	30.6 - 42.2	136	84	38.2	40.3	31.5 - 49.1	433	278	35.8	37.6	32.8 - 42.4
N15 Leics, Northants and Rutland CN	552	341	38.2	40.2	35.9 - 44.6	304	215	29.3	31.1	25.5 - 36.6	856	556	35.0	37.0	33.5 - 40.4
N20 Mount Vernon CN	348	221	36.5	38.3	32.8 - 43.7	170	113	33.5	35.6	27.9 - 43.2	518	334	35.5	37.4	33.0 - 41.8
N21 West London CN	404	233	42.3	44.2	39.1 - 49.3	208	136	34.6	36.7	29.7 - 43.7	612	369	39.7	41.7	37.5 - 45.8
N22 North London CN	299	198	33.8	35.5	29.8 - 41.2	163	105	35.6	38.2	30.1 - 46.2	462	303	34.4	36.4	31.7 - 41.1
N23 North East London CN	370	245	33.8	35.3	30.2 - 40.5	189	119	37.0	39.6	32.1 - 47.1	559	364	34.9	36.8	32.5 - 41.0
N24 South East London CN	350	223	36.3	38.0	32.6 - 43.4	204	142	30.4	32.4	25.5 - 39.2	554	365	34.1	35.9	31.7 - 40.2
N25 South West London CN	353	209	40.8	42.9	37.4 - 48.4	212	129	39.2	41.7	34.6 - 48.9	565	338	40.2	42.5	38.1 - 46.8
N26 Peninsula CN	786	519	34.0	35.9	32.3 - 39.5	461	330	28.4	30.5	26.0 - 35.0	1,247	849	31.9	33.9	31.1 - 36.7
N27 Dorset CN	278	151	45.7	48.1	41.8 - 54.4	181	123	32.0	34.3	26.9 - 41.7	459	274	40.3	42.7	37.9 - 47.6
N28 Avon, Somerset and Wiltshire CN	706	434	38.5	40.6	36.8 - 44.5	410	248	39.5	42.0	36.8 - 47.1	1,116	682	38.9	41.1	38.0 - 44.2
N29 3 Counties CN	347	227	34.6	36.5	31.1 - 41.9	202	134	33.7	35.8	28.7 - 42.9	549	361	34.2	36.2	31.9 - 40.5
N30 Thames Valley CN	733	452	38.3	40.3	36.5 - 44.0	361	250	30.7	32.6	27.4 - 37.7	1,094	702	35.8	37.7	34.7 - 40.8
N31 Central South Coast CN	810	502	38.0	40.1	36.5 - 43.8	412	277	32.8	35.0	30.1 - 39.9	1,222	779	36.3	38.4	35.5 - 41.3
N32 Surrey, West Sussex and Hampshire CN	471	277	41.2	43.4	38.7 - 48.2	261	182	30.3	32.3	26.2 - 38.3	732	459	37.3	39.5	35.7 - 43.3
N33 Sussex CN	431	277	35.7	37.8	32.9 - 42.7	266	191	28.2	30.6	24.6 - 36.6	697	468	32.9	35.1	31.3 - 38.9
N34 Kent and Medway CN	635	419	34.0	35.9	31.9 - 39.8	319	197	38.2	40.5	34.8 - 46.3	954	616	35.4	37.4	34.1 - 40.7
N35 Greater Midlands CN	692	466	32.7	34.3	30.5 - 38.0	414	287	30.7	32.4	27.6 - 37.2	1,106	753	31.9	33.6	30.6 - 36.5
N36 North of England CN	980	638	34.9	36.5	33.3 - 39.6	640	443	30.8	32.5	28.6 - 36.4	1,620	1,081	33.3	34.9	32.5 - 37.4
N37 Anglia CN	847	576	32.0	33.7	30.4 - 37.1	538	353	34.4	36.6	32.2 - 41.0	1,385	929	32.9	34.8	32.2 - 37.5
N38 Essex CN	633	400	36.8	38.7	34.7 - 42.8	315	230	27.0	28.6	23.3 - 33.9	948	630	33.5	35.4	32.1 - 38.6
England	17,155	10,959	36.1	37.9	37.2 - 38.7	9,724	6,647	31.6	33.6	32.6 - 34.6	26,879	17,606	34.5	36.4	35.8 - 37.0



Networks above 99.8% control limit:  
N06 Yorkshire

Networks below 99.8% control limit:  
N02 Greater Manchester and South Cumbria

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005

## Trends in one year cancer survival, England, 1985-2004

### C16: Stomach

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	27,206	20,260	25.5	27.1	26.6 - 27.7
1990-1994	24,946	17,822	28.6	30.4	29.8 - 31.0
1995-1999	22,968	15,469	32.6	34.5	33.9 - 35.2
2000-2004	20,135	12,632	37.3	39.5	38.7 - 40.2

Estimated change per 5-yr cohort (%): **4.1**  
P value: **0.004**

#### Notes on Trend

Estimated 4.1% change per 5 year cohort gives an estimated increase of 0.81% per annum.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	16,610	12,374	25.5	27.0	26.3 - 27.7
1990-1994	14,506	10,489	27.7	29.4	28.6 - 30.2
1995-1999	12,519	8,608	31.2	33.1	32.3 - 34.0
2000-2004	10,991	7,212	34.4	36.5	35.5 - 37.5

Estimated change per 5-yr cohort (%): **3.2**  
P value: **0.004**

#### Notes on Trend

Estimated 3.2% change per 5 year cohort gives an estimated increase of 0.64% per annum.

#### Persons

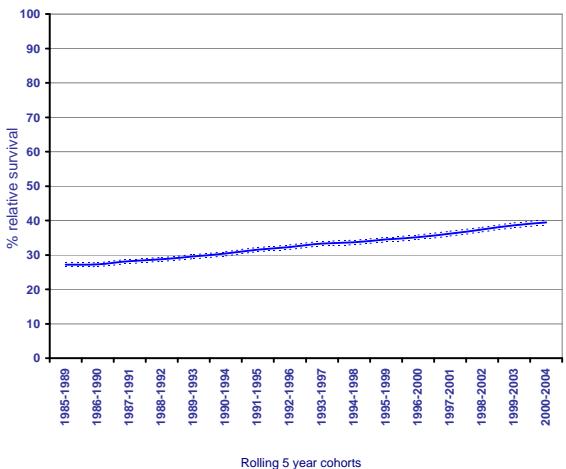
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	43,816	32,634	25.5	27.1	26.6 - 27.5
1990-1994	39,452	28,311	28.2	30.0	29.5 - 30.5
1995-1999	35,487	24,077	32.2	34.0	33.5 - 34.6
2000-2004	31,126	19,844	36.2	38.4	37.8 - 39.0

Estimated change per 5-yr cohort (%): **3.7**  
P value: **0.004**

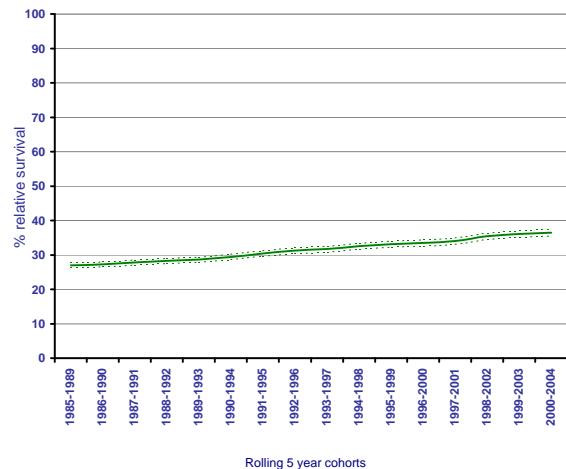
#### Notes on Trend

Estimated 3.7% change per 5 year cohort gives an estimated increase of 0.75% per annum.

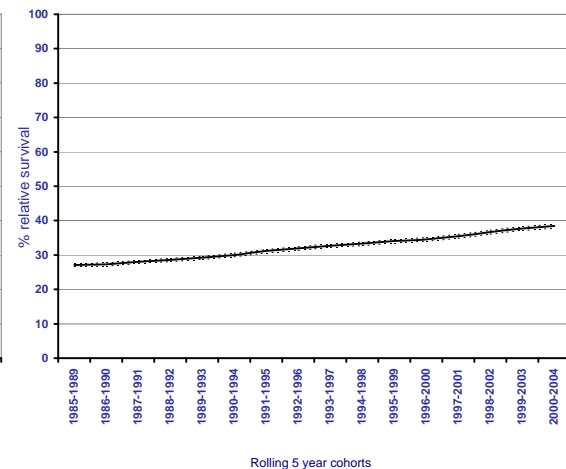
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

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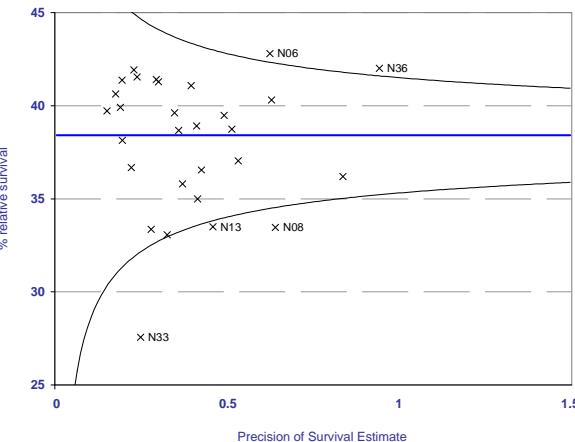
## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C16: Stomach

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	704	447	36.5	38.6	34.8 - 42.5	418	288	31.1	33.1	28.2 - 37.9	1,122	735	34.5	36.5	33.5 - 39.6
N02 Greater Manchester and Cheshire CN	1,428	928	35.0	37.0	34.3 - 39.6	765	515	32.7	34.8	31.2 - 38.4	2,193	1,443	34.2	36.2	34.1 - 38.3
N03 Merseyside and Cheshire CN	887	559	37.0	39.0	35.5 - 42.4	497	317	36.2	38.3	33.8 - 42.9	1,384	876	36.7	38.7	36.0 - 41.5
N06 Yorkshire CN	1,090	644	40.9	43.2	40.0 - 46.3	658	396	39.8	42.2	38.2 - 46.3	1,748	1,040	40.5	42.8	40.3 - 45.3
N07 Humber and Yorkshire Coast CN	446	299	33.0	34.9	30.2 - 39.7	261	186	28.7	30.6	24.7 - 36.6	707	485	31.4	33.4	29.6 - 37.1
N08 North Trent CN	1,005	683	32.0	33.9	30.8 - 37.0	608	420	30.9	32.8	28.8 - 36.8	1,613	1,103	31.6	33.5	31.0 - 35.9
N11 Pan Birmingham CN	908	562	38.1	40.0	36.6 - 43.4	419	267	36.3	38.3	33.4 - 43.3	1,327	829	37.5	39.5	36.7 - 42.3
N12 Arden CN	348	215	38.2	40.4	34.9 - 45.9	175	119	32.0	33.7	26.3 - 41.2	523	334	36.1	38.1	33.7 - 42.6
N13 Mid Trent CN	740	503	32.0	33.9	30.3 - 37.5	416	287	31.0	32.8	28.0 - 37.6	1,156	790	31.7	33.5	30.6 - 36.4
N14 Derby/Burton CN	267	155	41.9	44.2	37.8 - 50.6	146	103	29.5	31.4	23.4 - 39.5	413	258	37.5	39.7	34.7 - 44.8
N15 Leics, Northants and Rutland CN	638	387	39.3	41.7	37.6 - 45.8	315	210	33.3	35.5	29.8 - 41.1	953	597	37.4	39.6	36.3 - 43.0
N20 Mount Vernon CN	385	240	37.7	39.9	34.7 - 45.1	202	144	28.7	30.5	23.7 - 37.2	587	384	34.6	36.7	32.5 - 40.8
N21 West London CN	409	251	38.6	40.9	35.8 - 45.9	252	150	40.5	42.7	36.2 - 49.2	661	401	39.3	41.5	37.5 - 45.6
N22 North London CN	318	188	40.9	43.4	37.6 - 49.3	206	139	32.5	34.5	27.6 - 41.4	524	327	37.6	39.9	35.4 - 44.4
N23 North East London CN	539	316	41.4	43.8	39.3 - 48.3	294	192	34.7	36.7	30.8 - 42.5	833	508	39.0	41.3	37.7 - 44.9
N24 South East London CN	519	318	38.7	41.0	36.4 - 45.5	300	181	39.7	42.2	36.2 - 48.2	819	499	39.1	41.4	37.8 - 45.0
N25 South West London CN	354	209	41.0	43.3	37.7 - 48.8	190	123	35.3	37.8	30.4 - 45.3	544	332	39.0	41.4	36.9 - 45.8
N26 Peninsula CN	741	469	36.7	39.0	35.3 - 42.8	382	243	36.4	38.7	33.5 - 43.9	1,123	712	36.6	38.9	35.9 - 42.0
N27 Dorset CN	285	170	40.4	43.3	37.0 - 49.5	187	100	46.5	50.0	42.2 - 57.8	472	270	42.8	45.9	41.0 - 50.8
N28 Avon, Somerset and Wiltshire CN	679	442	34.9	37.3	33.4 - 41.2	404	286	29.2	31.1	26.3 - 36.0	1,083	728	32.8	35.0	31.9 - 38.0
N29 3 Counties CN	309	192	37.9	40.1	34.3 - 45.9	179	109	39.1	41.6	33.8 - 49.3	488	301	38.3	40.6	36.0 - 45.3
N30 Thames Valley CN	629	414	34.2	36.4	32.4 - 40.4	347	234	32.6	34.7	29.3 - 40.1	976	648	33.6	35.8	32.6 - 39.0
N31 Central South Coast CN	742	438	41.0	43.6	39.7 - 47.4	364	241	33.8	36.0	30.7 - 41.3	1,106	679	38.6	41.1	38.0 - 44.2
N32 Surrey, West Sussex and Hampshire CN	415	239	42.4	44.7	39.6 - 49.9	222	145	34.7	36.7	29.9 - 43.4	637	384	39.7	41.9	37.8 - 46.0
N33 Sussex CN	357	271	24.1	25.9	21.0 - 30.7	212	152	28.3	30.4	23.8 - 37.1	569	423	25.7	27.6	23.6 - 31.5
N34 Kent and Medway CN	560	392	30.0	32.0	27.9 - 36.2	266	178	33.1	35.3	29.1 - 41.4	826	570	31.0	33.1	29.6 - 36.5
N35 Greater Midlands CN	928	580	37.5	39.5	36.2 - 42.9	481	335	30.4	32.2	27.8 - 36.7	1,409	915	35.1	37.0	34.4 - 39.7
N36 North of England CN	1,631	948	41.9	44.1	41.6 - 46.7	981	623	36.5	38.5	35.2 - 41.7	2,612	1,571	39.9	42.0	40.0 - 44.0
N37 Anglia CN	1,208	754	37.6	39.9	37.0 - 42.9	531	325	38.8	41.2	36.7 - 45.7	1,739	1,079	38.0	40.3	37.8 - 42.8
N38 Essex CN	666	419	37.1	39.4	35.5 - 43.4	313	204	34.8	37.0	31.3 - 42.8	979	623	36.4	38.7	35.4 - 41.9
<b>England</b>	<b>20,135</b>	<b>12,632</b>	<b>37.3</b>	<b>39.5</b>	<b>38.7 - 40.2</b>	<b>10,991</b>	<b>7,212</b>	<b>34.4</b>	<b>36.5</b>	<b>35.5 - 37.5</b>	<b>31,126</b>	<b>19,844</b>	<b>36.2</b>	<b>38.4</b>	<b>37.8 - 39.0</b>

Overall England Survival Rate  
99.8% Control limits

Please note that the relative survival rates are not age standardised



Networks above 99.8% control limit:  
N06 Yorkshire  
N36 North of England

Networks below 99.8% control limit:  
N08 North Trent  
N13 Mid Trent  
N33 Sussex

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



## Trends in one year cancer survival, England, 1985-2004

### C18-C20: Colorectum

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	54,584	21,371	60.8	64.5	64.1 - 65.0
1990-1994	59,987	21,610	64.0	67.8	67.4 - 68.2
1995-1999	64,046	20,578	67.9	71.4	71.0 - 71.8
2000-2004	66,909	20,305	69.7	73.3	73.0 - 73.7

Estimated change per 5-yr cohort (%): **3.0**      1.8 - 4.1  
P value: **0.008**

#### Notes on Trend

Estimated 3.0% change per 5 year cohort gives an estimated increase of 0.6% per annum.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	54,806	22,678	58.6	61.6	61.2 - 62.1
1990-1994	56,242	21,524	61.7	64.9	64.5 - 65.4
1995-1999	56,472	19,899	64.8	68.0	67.6 - 68.5
2000-2004	55,698	18,484	66.8	70.3	69.8 - 70.7

Estimated change per 5-yr cohort (%): **2.9**      2.1 - 3.7  
P value: **0.004**

#### Notes on Trend

Estimated 2.9% change per 5 year cohort gives an estimated increase of 0.58% per annum.

#### Persons

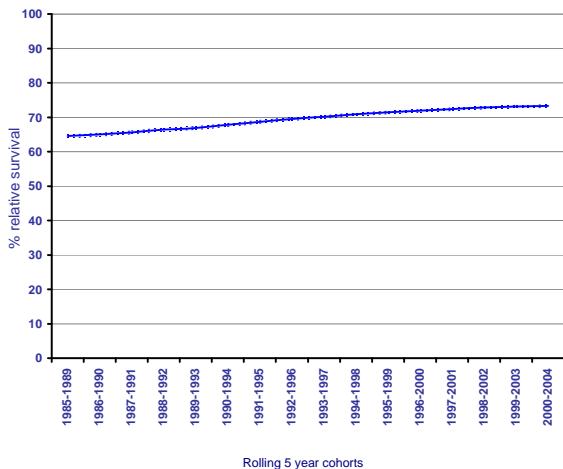
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	109,390	44,049	59.7	63.1	62.8 - 63.4
1990-1994	116,229	43,134	62.9	66.4	66.1 - 66.7
1995-1999	120,518	40,477	66.4	69.8	69.5 - 70.1
2000-2004	122,607	38,789	68.4	71.9	71.7 - 72.2

Estimated change per 5-yr cohort (%): **3.0**      2.0 - 4.0  
P value: **0.006**

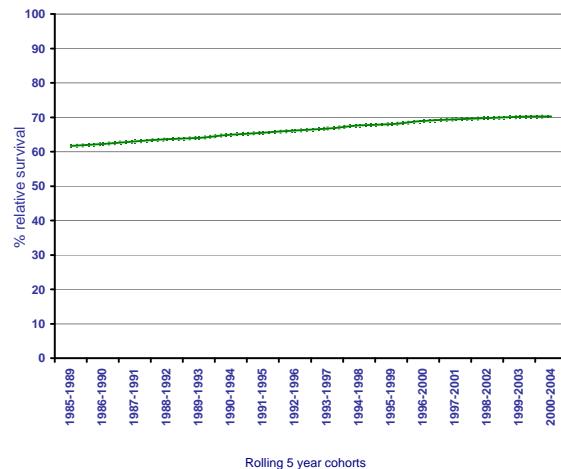
#### Notes on Trend

Estimated 3.0% change per 5 year cohort gives an estimated increase of 0.6% per annum.

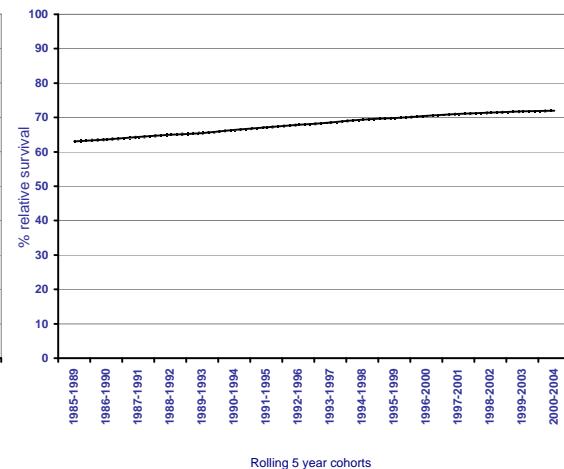
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry

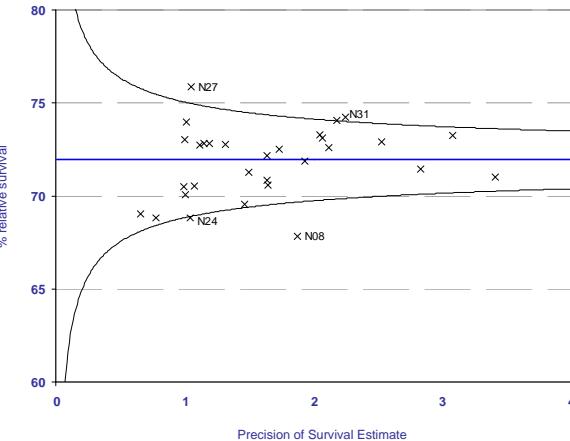


## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C18-C20: Colorectum

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	2,262	681	69.9	73.4	71.4 - 75.5		1,808	597	67.0	70.6	68.2 - 72.9		4,070	1,278	68.6	72.2	70.6 - 73.7			
N02 Greater Manchester and Cheshire CN	3,900	1,195	69.4	72.8	71.3 - 74.4		3,168	1,066	66.4	69.7	67.9 - 71.4		7,068	2,261	68.0	71.4	70.3 - 72.6			
N03 Merseyside and Cheshire CN	2,771	825	70.2	73.6	71.8 - 75.4		1,995	675	66.2	69.4	67.2 - 71.7		4,766	1,500	68.5	71.9	70.5 - 73.3			
N06 Yorkshire CN	3,381	971	71.3	74.8	73.2 - 76.4		2,790	921	67.0	70.6	68.7 - 72.4		6,171	1,892	69.3	72.9	71.7 - 74.1			
N07 Humber and Yorkshire Coast CN	1,548	503	67.5	71.1	68.5 - 73.6		1,185	398	66.4	69.8	66.9 - 72.7		2,733	901	67.0	70.5	68.6 - 72.4			
N08 North Trent CN	2,766	935	66.2	69.7	67.8 - 71.6		2,169	817	62.3	65.4	63.2 - 67.6		4,935	1,752	64.5	67.8	66.4 - 69.3			
N11 Pan Birmingham CN	2,409	727	69.8	73.2	71.3 - 75.2		1,818	578	68.2	71.6	69.3 - 73.9		4,227	1,305	69.1	72.5	71.0 - 74.0			
N12 Arden CN	1,399	416	70.3	73.7	71.2 - 76.3		988	285	71.2	74.3	71.3 - 77.3		2,387	701	70.6	74.0	72.0 - 75.9			
N13 Mid Trent CN	2,307	740	67.9	71.6	69.5 - 73.6		1,843	615	66.6	69.9	67.6 - 72.2		4,150	1,355	67.3	70.8	69.3 - 72.4			
N14 Derby/Burton CN	1,010	340	66.3	69.9	66.8 - 73.1		709	252	64.5	67.7	64.0 - 71.5		1,719	592	65.6	69.0	66.6 - 71.4			
N15 Leics, Northants and Rutland CN	2,034	619	69.6	73.3	71.1 - 75.4		1,708	585	65.7	68.9	66.5 - 71.3		3,742	1,204	67.8	71.2	69.6 - 72.9			
N20 Mount Vernon CN	1,407	441	68.7	72.5	69.9 - 75.1		1,132	399	64.8	68.1	65.1 - 71.0		2,539	840	66.9	70.5	68.5 - 72.5			
N21 West London CN	1,485	452	69.6	73.1	70.5 - 75.6		1,306	402	69.2	72.5	69.8 - 75.2		2,791	854	69.4	72.8	71.0 - 74.6			
N22 North London CN	1,060	352	66.8	70.4	67.3 - 73.4		968	350	63.8	67.1	63.9 - 70.4		2,028	702	65.4	68.8	66.6 - 71.1			
N23 North East London CN	1,343	426	68.3	71.9	69.2 - 74.6		1,236	436	64.7	68.0	65.2 - 70.9		2,579	862	66.6	70.1	68.1 - 72.0			
N24 South East London CN	1,460	464	68.2	71.9	69.3 - 74.4		1,255	475	62.2	65.3	62.4 - 68.2		2,715	939	65.4	68.8	66.9 - 70.8			
N25 South West London CN	1,237	344	72.2	76.1	73.4 - 78.8		1,205	404	66.5	69.9	67.0 - 72.7		2,442	748	69.4	73.0	71.1 - 75.0			
N26 Peninsula CN	2,838	824	71.0	75.1	73.3 - 76.9		2,451	755	69.2	72.8	70.9 - 74.8		5,289	1,579	70.1	74.0	72.7 - 75.4			
N27 Dorset CN	1,299	342	73.7	78.0	75.4 - 80.6		1,180	361	69.4	73.5	70.7 - 76.4		2,479	703	71.6	75.9	73.9 - 77.8			
N28 Avon, Somerset and Wiltshire CN	2,707	832	69.3	73.2	71.3 - 75.0		2,388	733	69.3	73.1	71.1 - 75.1		5,095	1,565	69.3	73.1	71.8 - 74.5			
N29 3 Counties CN	1,533	437	71.5	75.4	73.0 - 77.9		1,217	414	66.0	69.3	66.5 - 72.2		2,750	851	69.1	72.7	70.9 - 74.6			
N30 Thames Valley CN	2,777	810	70.8	74.5	72.7 - 76.3		2,440	806	67.0	70.5	68.5 - 72.5		5,217	1,616	69.0	72.6	71.3 - 74.0			
N31 Central South Coast CN	2,820	803	71.5	75.5	73.7 - 77.3		2,609	807	69.1	72.8	70.9 - 74.7		5,429	1,610	70.3	74.2	72.9 - 75.5			
N32 Surrey, West Sussex and Hampshire CN	1,724	526	69.5	73.3	70.9 - 75.6		1,521	476	68.7	72.2	69.7 - 74.7		3,245	1,002	69.1	72.8	71.1 - 74.5			
N33 Sussex CN	1,519	460	69.7	74.1	71.6 - 76.6		1,482	480	67.6	71.5	68.9 - 74.1		3,001	940	68.7	72.8	71.0 - 74.6			
N34 Kent and Medway CN	2,038	661	67.6	71.1	68.9 - 73.3		1,747	622	64.4	67.7	65.3 - 70.2		3,785	1,283	66.1	69.5	67.9 - 71.2			
N35 Greater Midlands CN	2,833	827	70.8	74.2	72.4 - 76.0		2,074	645	68.9	72.0	69.9 - 74.1		4,907	1,472	70.0	73.3	71.9 - 74.7			
N36 North of England CN	4,791	1,503	68.6	72.0	70.6 - 73.4		3,759	1,263	66.4	69.7	68.1 - 71.3		8,550	2,766	67.6	71.0	69.9 - 72.1			
N37 Anglia CN	4,064	1,156	71.6	75.6	74.1 - 77.1		3,530	1,170	66.9	70.5	68.9 - 72.2		7,594	2,326	69.4	73.3	72.1 - 74.4			
N38 Essex CN	2,187	693	68.3	72.1	70.0 - 74.2		2,017	697	65.4	68.9	66.7 - 71.1		4,204	1,390	66.9	70.6	69.1 - 72.1			
England	66,909	20,305	69.7	73.3	73.0 - 73.7		55,698	18,484	66.8	70.3	69.8 - 70.7		122,607	38,789	68.4	71.9	71.7 - 72.2			

Overall England Survival Rate  
99.8% Control limits  
Please note that the relative survival rates are not age standardised



#### Networks above 99.8% control limit:

N27 Dorset  
N31 Central South Coast

#### Networks below 99.8% control limit:

N08 North Trent  
N24 South East London

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



## Trends in one year cancer survival, England, 1985-2004

### C25: Pancreas

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	11,448	10,037	12.3	13.1	12.4 - 13.7
1990-1994	11,304	9,886	12.5	13.3	12.6 - 14.0
1995-1999	11,029	9,472	14.1	14.9	14.2 - 15.5
2000-2004	12,191	10,251	15.9	16.8	16.1 - 17.5

Estimated change per 5-yr cohort (%): **1.2** 0.1 - 2.4  
P value: **0.045**

#### Notes on Trend

Estimated 1.2% change per 5 year cohort gives an estimated increase of .25% per annum.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	11,892	10,585	11.0	11.6	11.0 - 12.2
1990-1994	11,914	10,421	12.5	13.2	12.6 - 13.8
1995-1999	11,369	9,948	12.5	13.2	12.5 - 13.8
2000-2004	12,756	10,963	14.1	14.8	14.2 - 15.5

Estimated change per 5-yr cohort (%): **1.0** 0.0 - 2.0  
P value: **0.052**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

#### Persons

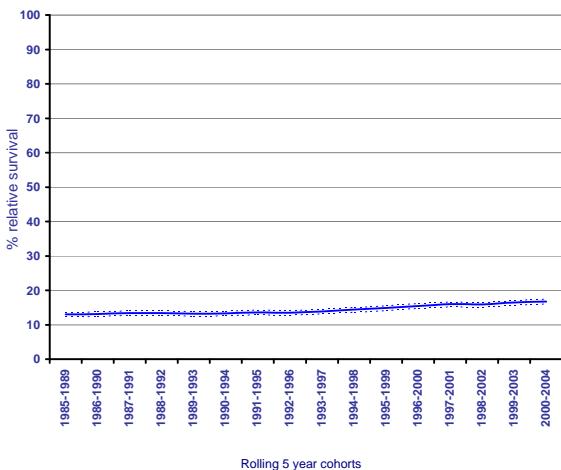
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	23,340	20,622	11.6	12.3	11.9 - 12.7
1990-1994	23,218	20,307	12.5	13.3	12.8 - 13.7
1995-1999	22,398	19,420	13.3	14.0	13.5 - 14.5
2000-2004	24,947	21,214	15.0	15.8	15.3 - 16.3

Estimated change per 5-yr cohort (%): **1.1** 0.5 - 1.8  
P value: **0.019**

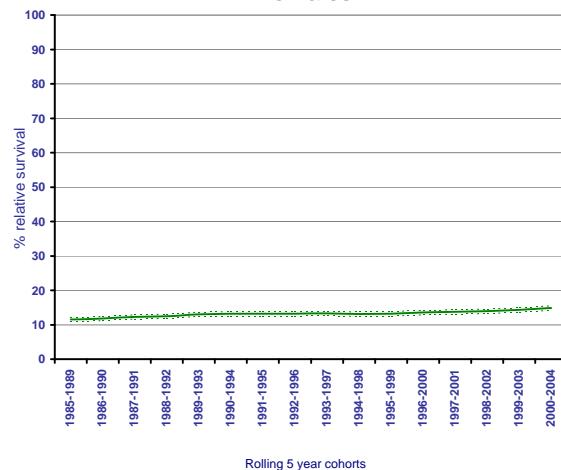
#### Notes on Trend

Estimated 1.1% change per 5 year cohort gives an estimated increase of .22% per annum.

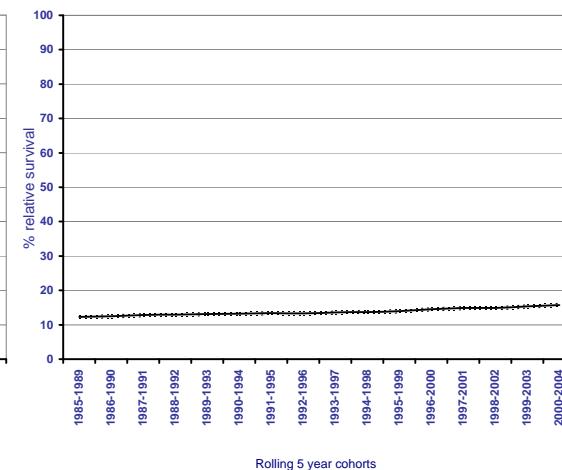
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

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Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry

KING'S  
LONDON  
NORTH WEST CANCER INTELLIGENCE SERVICE

NWCIS  
North West Cancer Intelligence Service



West Midlands  
Cancer Intelligence Unit



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National Statistics



CANCER RESEARCH  
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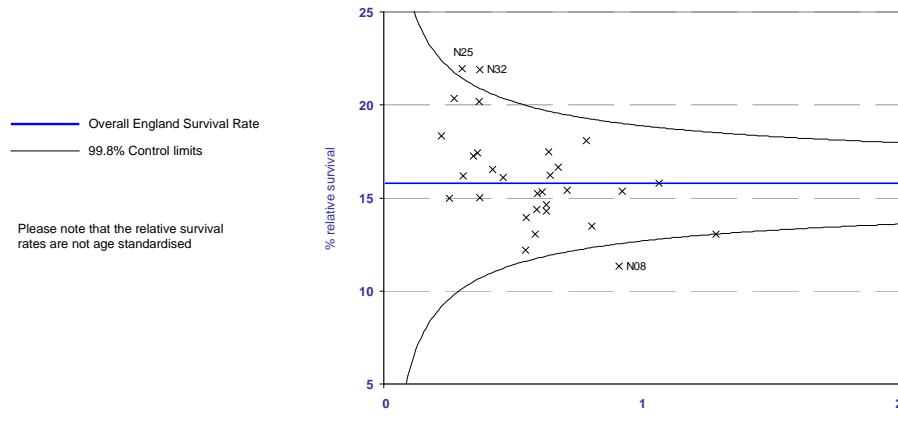


United Kingdom  
and Ireland  
Cancer Registries

## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C25: Pancreas

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	366	321	12.3	13.0	9.3 - 16.6	368	316	14.1	15.0	11.1 - 18.8	734	637	13.2	14.0	11.3 - 16.6
N02 Greater Manchester and Cheshire CN	635	534	15.9	16.7	13.6 - 19.7	692	599	13.4	14.2	11.5 - 16.9	1,327	1,133	14.6	15.4	13.3 - 17.4
N03 Merseyside and Cheshire CN	427	361	15.5	16.2	12.5 - 19.9	450	388	13.8	14.5	11.1 - 17.9	877	749	14.6	15.3	12.8 - 17.8
N06 Yorkshire CN	614	523	14.8	15.6	12.6 - 18.6	674	544	19.3	20.3	17.1 - 23.6	1,288	1,067	17.2	18.1	15.9 - 20.3
N07 Humber and Yorkshire Coast CN	251	204	18.7	19.7	14.5 - 24.9	300	257	14.3	15.2	10.9 - 19.5	551	461	16.3	17.3	13.9 - 20.6
N08 North Trent CN	498	448	10.0	10.6	7.7 - 13.4	513	454	11.5	12.1	9.1 - 15.0	1,011	902	10.8	11.3	9.3 - 13.4
N11 Pan Birmingham CN	372	321	13.7	14.4	10.6 - 18.1	356	316	11.2	11.7	8.2 - 15.2	728	637	12.5	13.1	10.5 - 15.6
N12 Arden CN	170	134	21.2	22.1	15.6 - 28.6	202	173	14.4	15.2	9.9 - 20.4	372	307	17.5	18.3	14.2 - 22.5
N13 Mid Trent CN	447	378	15.4	16.2	12.6 - 19.8	421	369	12.4	13.0	9.6 - 16.4	868	747	13.9	14.6	12.2 - 17.1
N14 Derby/Burton CN	188	159	15.4	16.3	10.7 - 21.8	170	148	12.9	13.6	8.2 - 19.0	358	307	14.2	15.0	11.1 - 18.9
N15 Leics, Northants and Rutland CN	408	346	15.2	16.0	12.3 - 19.8	399	351	12.0	12.7	9.3 - 16.1	807	697	13.6	14.4	11.8 - 16.9
N20 Mount Vernon CN	271	221	18.5	19.5	14.5 - 24.4	310	264	14.8	15.7	11.4 - 19.9	581	485	16.5	17.4	14.2 - 20.7
N21 West London CN	332	257	22.6	23.7	18.9 - 28.5	329	277	15.8	16.6	12.4 - 20.9	661	534	19.2	20.2	17.0 - 23.4
N22 North London CN	245	192	21.6	22.9	17.3 - 28.4	248	206	16.9	17.9	12.8 - 22.9	493	398	19.3	20.4	16.6 - 24.1
N23 North East London CN	301	254	15.6	16.5	12.1 - 20.9	345	291	15.7	16.5	12.4 - 20.7	646	545	15.6	16.5	13.5 - 19.5
N24 South East London CN	347	283	18.4	19.4	15.0 - 23.8	349	307	12.0	12.8	9.1 - 16.5	696	590	15.2	16.1	13.2 - 19.0
N25 South West London CN	289	223	22.8	24.1	18.9 - 29.3	295	240	18.6	19.8	15.0 - 24.7	584	463	20.7	21.9	18.4 - 25.5
N26 Peninsula CN	528	432	18.2	19.3	15.7 - 22.9	496	423	14.7	15.5	12.2 - 18.9	1,024	855	16.5	17.5	15.0 - 19.9
N27 Dorset CN	215	181	15.8	16.7	11.5 - 22.0	250	213	14.8	15.7	10.9 - 20.4	465	394	15.3	16.2	12.6 - 19.7
N28 Avon, Somerset and Wiltshire CN	472	397	15.9	16.8	13.2 - 20.4	507	432	14.8	15.7	12.4 - 19.1	979	829	15.3	16.2	13.8 - 18.7
N29 3 Counties CN	289	247	14.5	15.3	11.0 - 19.7	239	206	13.8	14.6	9.9 - 19.4	528	453	14.2	15.0	11.8 - 18.2
N30 Thames Valley CN	510	447	12.4	13.1	10.0 - 16.2	533	463	13.1	13.9	10.8 - 17.0	1,043	910	12.8	13.5	11.3 - 15.7
N31 Central South Coast CN	468	391	16.5	17.4	13.7 - 21.0	558	485	13.1	13.8	10.8 - 16.8	1,026	876	14.6	15.4	13.1 - 17.8
N32 Surrey, West Sussex and Hampshire CN	328	255	22.3	23.4	18.6 - 28.2	384	309	19.5	20.6	16.4 - 24.9	712	564	20.8	21.9	18.7 - 25.1
N33 Sussex CN	318	281	11.6	12.5	8.6 - 16.3	341	303	11.1	11.9	8.3 - 15.5	659	584	11.4	12.2	9.5 - 14.8
N34 Kent and Medway CN	418	352	15.8	16.7	12.9 - 20.4	439	389	11.4	12.0	8.8 - 15.3	857	741	13.5	14.3	11.8 - 16.8
N35 Greater Midlands CN	423	364	13.9	14.6	11.1 - 18.1	423	359	15.1	15.9	12.2 - 19.5	846	723	14.5	15.2	12.7 - 17.8
N36 North of England CN	768	671	12.6	13.2	10.7 - 15.7	838	735	12.3	12.9	10.5 - 15.3	1,606	1,406	12.5	13.1	11.3 - 14.8
N37 Anglia CN	789	660	16.3	17.2	14.5 - 20.0	790	683	13.5	14.4	11.8 - 16.9	1,579	1,343	14.9	15.8	13.9 - 17.7
N38 Essex CN	504	414	17.9	18.8	15.2 - 22.4	537	463	13.8	14.6	11.4 - 17.7	1,041	877	15.8	16.6	14.3 - 19.0
England	12,191	10,251	15.9	16.8	16.1 - 17.5	12,756	10,963	14.1	14.8	14.2 - 15.5	24,947	21,214	15.0	15.8	15.3 - 16.3



Networks above 99.8% control limit:  
N25 South West London  
N32 Surrey, West Sussex and Hampshire

Networks below 99.8% control limit:  
N08 North Trent

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent NHS  
Cancer Registry



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Cancer Registries

## Trends in one year cancer survival, England, 1985-2004

### C33-C34: Trachea, bronchus and lung

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	104,758	82,710	21.0	22.2	22.0 - 22.5
1990-1994	95,109	74,955	21.2	22.4	22.1 - 22.7
1995-1999	83,537	64,115	23.2	24.5	24.2 - 24.8
2000-2004	77,638	57,889	25.4	26.8	26.5 - 27.1

Estimated change per 5-yr cohort (%): **1.5**  
P value: **0.054**

**Notes on Trend**  
The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	44,213	34,718	21.5	22.2	21.8 - 22.6
1990-1994	46,452	36,319	21.8	22.6	22.2 - 23.0
1995-1999	48,222	36,540	24.2	25.1	24.7 - 25.5
2000-2004	51,619	37,568	27.2	28.3	27.9 - 28.7

Estimated change per 5-yr cohort (%): **2.1**  
P value: **0.045**

**Notes on Trend**  
Estimated 2.1% change per 5 year cohort gives an estimated increase of 0.42% per annum.

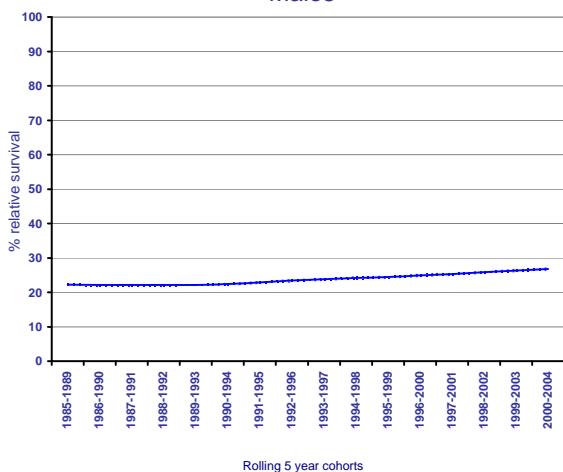
#### Persons

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	148,971	117,428	21.2	22.2	22.0 - 22.4
1990-1994	141,561	111,274	21.4	22.5	22.3 - 22.7
1995-1999	131,759	100,655	23.6	24.7	24.5 - 25.0
2000-2004	129,257	95,457	26.1	27.4	27.1 - 27.7

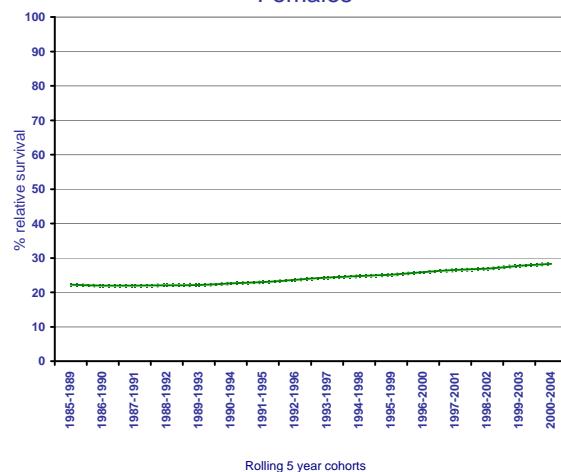
Estimated change per 5-yr cohort (%): **1.7**  
P value: **0.051**

**Notes on Trend**  
The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

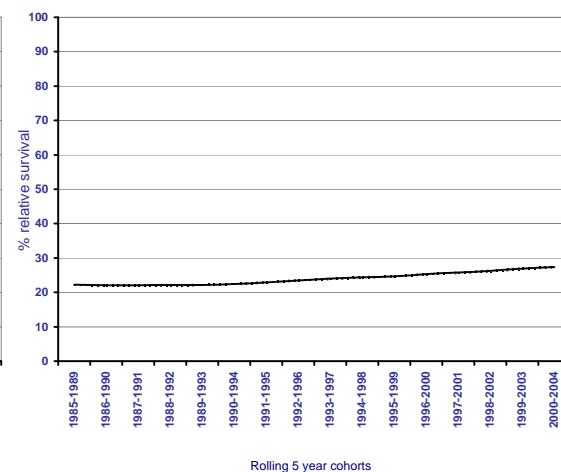
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry

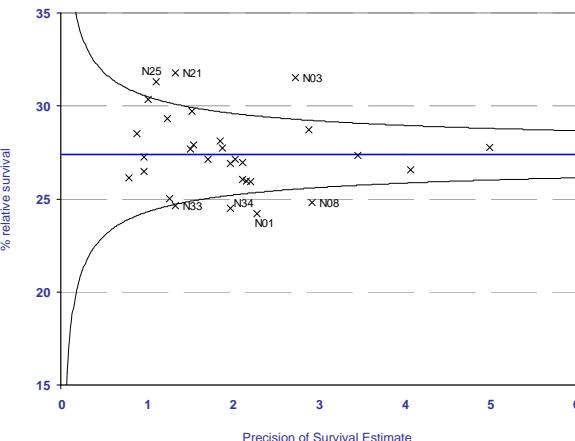


## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C33-C34: Trachea, bronchus and lung

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	2,697	2,085	22.7	23.9	22.2 - 25.6		1,921	1,466	23.7	24.6	22.6 - 26.7		4,618	3,551	23.1	24.2	22.9 - 25.5			
N02 Greater Manchester and Cheshire CN	5,120	3,852	24.8	26.0	24.7 - 27.3		3,648	2,687	26.3	27.4	25.8 - 28.9		8,768	6,539	25.4	26.6	25.6 - 27.6			
N03 Merseyside and Cheshire CN	3,592	2,511	30.1	31.6	30.0 - 33.2		2,919	2,034	30.3	31.5	29.7 - 33.2		6,511	4,545	30.2	31.5	30.3 - 32.7			
N06 Yorkshire CN	4,363	3,273	25.0	26.3	24.9 - 27.7		3,230	2,336	27.7	28.8	27.1 - 30.4		7,593	5,609	26.1	27.3	26.3 - 28.4			
N07 Humber and Yorkshire Coast CN	2,023	1,530	24.4	25.6	23.6 - 27.6		1,310	920	29.8	30.9	28.3 - 33.5		3,333	2,450	26.5	27.7	26.1 - 29.3			
N08 North Trent CN	3,622	2,804	22.6	23.8	22.4 - 25.3		2,414	1,804	25.3	26.2	24.4 - 28.1		6,036	4,608	23.7	24.8	23.7 - 25.9			
N11 Pan Birmingham CN	2,731	2,036	25.4	26.6	24.9 - 28.4		1,671	1,220	27.0	27.9	25.7 - 30.2		4,402	3,256	26.0	27.1	25.7 - 28.5			
N12 Arden CN	1,289	966	25.1	26.3	23.7 - 28.8		780	578	25.9	26.8	23.6 - 30.1		2,069	1,544	25.4	26.5	24.5 - 28.5			
N13 Mid Trent CN	2,868	2,155	24.9	26.2	24.5 - 27.9		1,726	1,300	24.7	25.7	23.5 - 27.8		4,594	3,455	24.8	26.0	24.6 - 27.3			
N14 Derby/Burton CN	1,059	796	24.8	26.1	23.3 - 28.9		625	468	25.1	26.2	22.6 - 29.8		1,684	1,264	24.9	26.1	23.9 - 28.3			
N15 Leics, Northants and Rutland CN	2,282	1,714	24.9	26.3	24.3 - 28.2		1,471	1,069	27.3	28.4	26.0 - 30.9		3,753	2,783	25.8	27.1	25.6 - 28.6			
N20 Mount Vernon CN	1,604	1,228	23.4	24.7	22.5 - 27.0		1,030	778	24.5	25.5	22.7 - 28.3		2,634	2,006	23.8	25.0	23.3 - 26.8			
N21 West London CN	1,990	1,424	28.4	30.0	27.8 - 32.1		1,223	815	33.4	34.7	31.8 - 37.5		3,213	2,239	30.3	31.8	30.1 - 33.5			
N22 North London CN	1,461	1,066	27.0	28.6	26.1 - 31.0		936	639	31.7	33.1	30.0 - 36.3		2,397	1,705	28.9	30.4	28.4 - 32.3			
N23 North East London CN	2,107	1,564	25.8	27.2	25.1 - 29.2		1,336	963	27.9	29.0	26.5 - 31.6		3,443	2,527	26.6	27.9	26.3 - 29.5			
N24 South East London CN	2,128	1,547	27.3	28.7	26.7 - 30.8		1,425	998	30.0	31.2	28.7 - 33.7		3,553	2,545	28.4	29.7	28.1 - 31.3			
N25 South West London CN	1,511	1,065	29.5	31.1	28.6 - 33.6		1,141	795	30.3	31.6	28.8 - 34.4		2,652	1,860	29.9	31.3	29.5 - 33.2			
N26 Peninsula CN	2,532	1,882	25.7	27.0	25.2 - 28.9		1,646	1,192	27.6	28.8	26.5 - 31.1		4,178	3,074	26.4	27.7	26.3 - 29.2			
N27 Dorset CN	1,245	908	27.1	28.8	26.1 - 31.4		772	565	26.8	28.2	24.8 - 31.5		2,017	1,473	27.0	28.5	26.4 - 30.6			
N28 Avon, Somerset and Wiltshire CN	2,614	1,915	26.7	28.2	26.4 - 30.1		1,569	1,149	26.8	27.9	25.6 - 30.3		4,183	3,064	26.8	28.1	26.7 - 29.6			
N29 3 Counties CN	1,300	982	24.5	25.8	23.2 - 28.3		821	587	28.5	29.6	26.3 - 32.8		2,121	1,569	26.0	27.2	25.3 - 29.2			
N30 Thames Valley CN	2,756	2,082	24.5	25.8	24.1 - 27.5		1,763	1,315	25.4	26.5	24.3 - 28.6		4,519	3,397	24.8	26.1	24.7 - 27.4			
N31 Central South Coast CN	2,884	2,147	25.6	27.0	25.3 - 28.7		1,757	1,303	25.8	26.9	24.7 - 29.1		4,641	3,450	25.7	27.0	25.6 - 28.3			
N32 Surrey, West Sussex and Hampshire CN	1,708	1,260	26.2	27.8	25.5 - 30.0		1,159	808	30.3	31.6	28.8 - 34.4		2,867	2,068	27.9	29.3	27.6 - 31.1			
N33 Sussex CN	1,639	1,246	24.0	25.4	23.2 - 27.7		1,117	867	22.4	23.5	20.9 - 26.1		2,756	2,113	23.3	24.6	22.9 - 26.3			
N34 Kent and Medway CN	2,421	1,863	23.0	24.3	22.5 - 26.1		1,630	1,242	23.8	24.8	22.6 - 27.0		4,051	3,105	23.4	24.5	23.1 - 25.9			
N35 Greater Midlands CN	3,027	2,310	23.7	24.9	23.2 - 26.5		1,646	1,203	26.9	27.9	25.6 - 30.2		4,673	3,513	24.8	25.9	24.6 - 27.3			
N36 North of England CN	6,244	4,614	26.1	27.4	26.3 - 28.6		4,823	3,512	27.2	28.2	26.9 - 29.5		11,067	8,126	26.6	27.8	26.9 - 28.7			
N37 Anglia CN	4,191	3,091	26.2	27.8	26.3 - 29.2		2,413	1,709	29.2	30.4	28.5 - 32.3		6,604	4,800	27.3	28.7	27.6 - 29.9			
N38 Essex CN	2,630	1,973	25.0	26.4	24.6 - 28.2		1,697	1,246	26.6	27.6	25.4 - 29.9		4,327	3,219	25.6	26.9	25.5 - 28.3			
<b>England</b>	<b>77,638</b>	<b>57,889</b>	<b>25.4</b>	<b>26.8</b>	<b>26.5 - 27.1</b>		<b>51,619</b>	<b>37,568</b>	<b>27.2</b>	<b>28.3</b>	<b>27.9 - 28.7</b>		<b>129,257</b>	<b>95,457</b>	<b>26.1</b>	<b>27.4</b>	<b>27.1 - 27.7</b>			

Overall England Survival Rate  
99.8% Control limits  
Please note that the relative survival rates are not age standardised



### Networks above 99.8% control limit:

N03 Merseyside and Cheshire  
N21 West London  
N25 South West London

### Networks below 99.8% control limit:

N01 Lancashire and South Cumbria  
N08 North Trent  
N33 Sussex  
N34 Kent and Medway

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and  
Yorkshire  
Cancer Registry  
and Information Service



Trent  
NHS  
Cancer Registry



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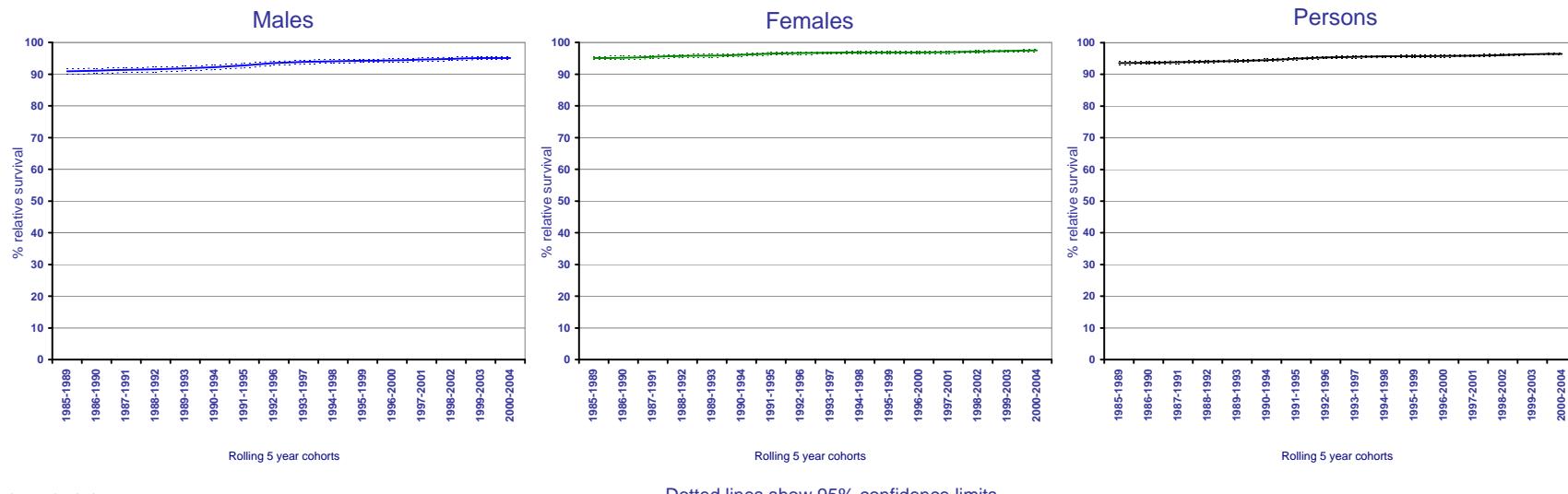


United Kingdom  
Cancer  
Registries

## Trends in one year cancer survival, England, 1985-2004

### C43: Malignant melanoma of skin

Males						Females						Persons					
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		
1985-1989	5,780	665	88.5	90.9	90.0 - 91.7	10,184	681	93.3	95.1	94.6 - 95.6	15,964	1,346	91.6	93.6	93.1 - 94.0		
1990-1994	7,617	803	89.5	92.2	91.5 - 92.9	11,389	684	94.0	96.1	95.6 - 96.6	19,006	1,487	92.2	94.5	94.1 - 94.9		
1995-1999	9,604	803	91.6	94.2	93.6 - 94.8	13,210	695	94.7	96.8	96.4 - 97.2	22,814	1,498	93.4	95.7	95.4 - 96.1		
2000-2004	13,180	1,010	92.3	95.1	94.6 - 95.6	16,721	782	95.3	97.5	97.1 - 97.8	29,901	1,792	94.0	96.4	96.1 - 96.7		
<b>Estimated change per 5-yr cohort (%):</b> 1.4 0.7 - 2.2						<b>Estimated change per 5-yr cohort (%):</b> 0.8 0.5 - 1.0						<b>Estimated change per 5-yr cohort (%):</b> 1.0 0.6 - 1.3					
<b>P value:</b> 0.014						<b>P value:</b> 0.007						<b>P value:</b> 0.006					
<b>Notes on Trend</b>						<b>Notes on Trend</b>						<b>Notes on Trend</b>					
Estimated 1.4% change per 5 year cohort gives an estimated increase of 0.29% per annum.						Estimated 0.8% change per 5 year cohort gives an estimated increase of 0.15% per annum.						Estimated 1.0% change per 5 year cohort gives an estimated increase of 0.19% per annum.					



Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



North West Cancer Intelligence Service



West Midlands  
Cancer Intelligence Unit



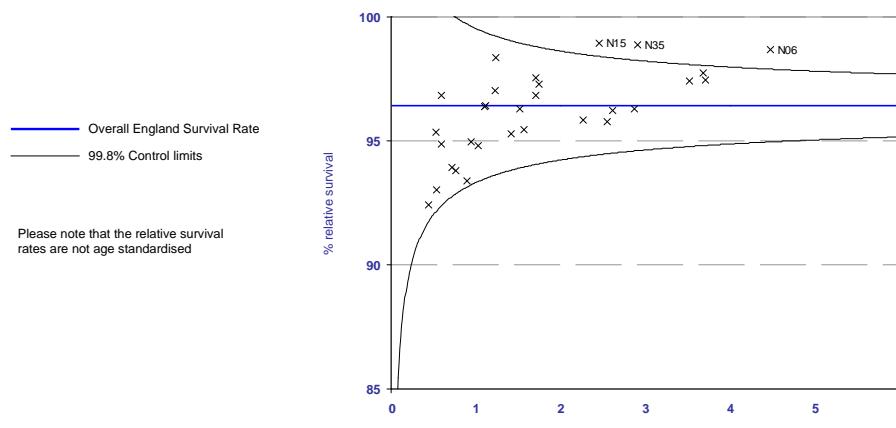
Fighting cancer with innovation



## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C43: Malignant melanoma of skin

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	424	32	92.5	95.3	92.7 - 98.0	543	21	96.1	98.0	96.3 - 99.7	967	53	94.5	96.8	95.3 - 98.3
N02 Greater Manchester and Cheshire CN	616	43	93.0	95.2	93.1 - 97.3	919	45	95.1	96.9	95.5 - 98.4	1,535	88	94.3	96.2	95.0 - 97.4
N03 Merseyside and Cheshire CN	438	42	90.4	93.1	90.2 - 96.0	633	30	95.3	97.1	95.4 - 98.8	1,071	72	93.3	95.5	93.9 - 97.0
N06 Yorkshire CN	611	23	96.2	98.3	96.8 - 99.9	888	25	97.2	98.9	97.8 - 100.0	1,499	48	96.8	98.7	97.7 - 99.6
N07 Humber and Yorkshire Coast CN	198	12	93.9	96.4	92.9 - 99.8	311	8	97.4	99.6	97.8 - 101.4	509	20	96.1	98.3	96.6 - 100.1
N08 North Trent CN	400	37	90.8	93.4	90.4 - 96.4	590	31	94.7	96.6	94.7 - 98.5	990	68	93.1	95.3	93.7 - 96.9
N11 Pan Birmingham CN	325	36	88.9	91.4	87.8 - 95.0	446	21	95.3	97.3	95.3 - 99.4	771	57	92.6	94.8	92.9 - 96.7
N12 Arden CN	305	23	92.5	95.0	91.9 - 98.1	341	10	97.1	98.8	97.0 - 100.7	646	33	94.9	97.0	95.3 - 98.8
N13 Mid Trent CN	397	20	95.0	97.5	95.2 - 99.7	468	22	95.3	97.6	95.6 - 99.6	865	42	95.1	97.6	96.1 - 99.0
N14 Derby/Burton CN	164	13	92.1	95.4	91.0 - 99.7	195	8	95.9	98.0	95.1 - 100.9	359	21	94.2	96.8	94.3 - 99.4
N15 Leics, Northants and Rutland CN	396	17	95.7	98.9	96.8 - 101.0	557	18	96.8	99.0	97.5 - 100.5	953	35	96.3	98.9	97.7 - 100.2
N20 Mount Vernon CN	281	26	90.7	93.4	89.9 - 97.0	319	24	92.5	94.4	91.4 - 97.4	600	50	91.7	93.9	91.6 - 96.2
N21 West London CN	219	19	91.3	94.0	90.1 - 97.9	270	26	90.4	92.2	88.6 - 95.9	489	45	90.8	93.0	90.4 - 95.7
N22 North London CN	179	21	88.3	90.8	85.8 - 95.7	210	7	96.7	99.2	96.7 - 101.8	389	28	92.8	95.3	92.7 - 98.0
N23 North East London CN	197	24	87.8	90.3	85.5 - 95.1	230	18	92.2	94.2	90.6 - 97.8	427	42	90.2	92.4	89.5 - 95.4
N24 South East London CN	217	16	92.6	95.1	91.5 - 98.8	244	19	92.2	94.5	91.1 - 98.1	461	35	92.4	94.9	92.3 - 97.4
N25 South West London CN	284	22	92.3	95.0	91.7 - 98.2	391	18	95.4	97.4	95.2 - 99.6	675	40	94.1	96.4	94.5 - 98.2
N26 Peninsula CN	871	78	91.0	94.3	92.3 - 96.3	974	52	94.7	97.1	95.6 - 98.6	1,845	130	93.0	95.8	94.5 - 97.0
N27 Dorset CN	364	33	90.9	95.0	91.9 - 98.2	471	27	94.3	97.4	95.2 - 99.7	835	60	92.8	96.4	94.6 - 98.3
N28 Avon, Somerset and Wiltshire CN	742	61	91.8	94.9	92.8 - 97.0	887	53	94.0	96.6	95.0 - 98.3	1,629	114	93.0	95.8	94.5 - 97.1
N29 3 Counties CN	370	35	90.5	93.6	90.5 - 96.7	390	25	93.6	96.3	93.7 - 98.8	760	60	92.1	95.0	92.9 - 97.0
N30 Thames Valley CN	769	42	94.5	97.0	95.3 - 98.7	1,040	43	95.9	97.8	96.5 - 99.0	1,809	85	95.3	97.5	96.4 - 98.5
N31 Central South Coast CN	869	78	91.0	94.3	92.3 - 96.3	1,039	45	95.7	98.0	96.7 - 99.3	1,908	123	93.6	96.3	95.1 - 97.4
N32 Surrey, West Sussex and Hampshire CN	416	32	92.3	94.8	92.1 - 97.5	477	12	97.5	99.5	98.0 - 100.9	893	44	95.1	97.3	95.8 - 98.8
N33 Sussex CN	314	32	89.8	93.0	89.5 - 96.6	383	31	91.9	94.4	91.6 - 97.3	697	63	91.0	93.8	91.6 - 96.1
N34 Kent and Medway CN	382	39	89.8	92.6	89.5 - 95.8	451	38	91.6	94.0	91.3 - 96.7	833	77	90.8	93.4	91.3 - 95.5
N35 Greater Midlands CN	445	20	95.5	97.9	95.9 - 99.9	575	14	97.6	99.6	98.3 - 101.0	1,020	34	96.7	98.9	97.7 - 100.0
N36 North of England CN	673	47	93.0	95.3	93.3 - 97.3	939	21	97.8	99.5	98.5 - 100.5	1,612	68	95.8	97.7	96.7 - 98.7
N37 Anglia CN	884	56	93.7	96.7	95.0 - 98.4	1,001	41	95.9	98.1	96.8 - 99.4	1,885	97	94.9	97.4	96.4 - 98.5
N38 Essex CN	430	31	92.8	95.6	93.0 - 98.2	539	29	94.6	96.9	94.9 - 98.8	969	60	93.8	96.3	94.7 - 97.9
England	13,180	1,010	92.3	95.1	94.6 - 95.6	16,721	782	95.3	97.5	97.1 - 97.8	29,901	1,792	94.0	96.4	96.1 - 96.7



Networks above 99.8% control limit:

N06 Yorkshire  
N15 Leics, Northants and Rutland  
N35 Greater Manchester

Networks below 99.8% control limit:

None

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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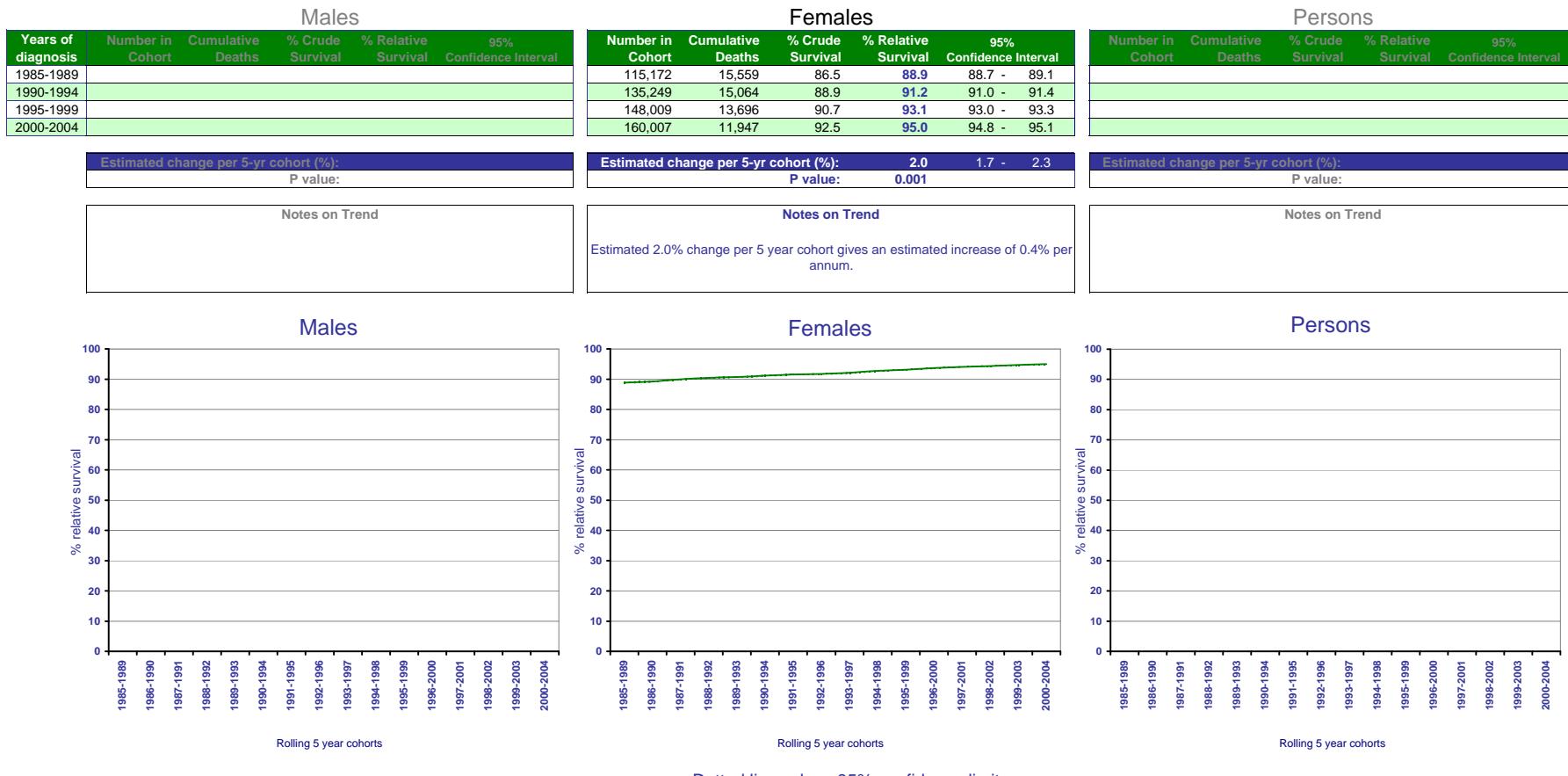
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## Trends in one year cancer survival, England, 1985-2004

### C50: Breast



Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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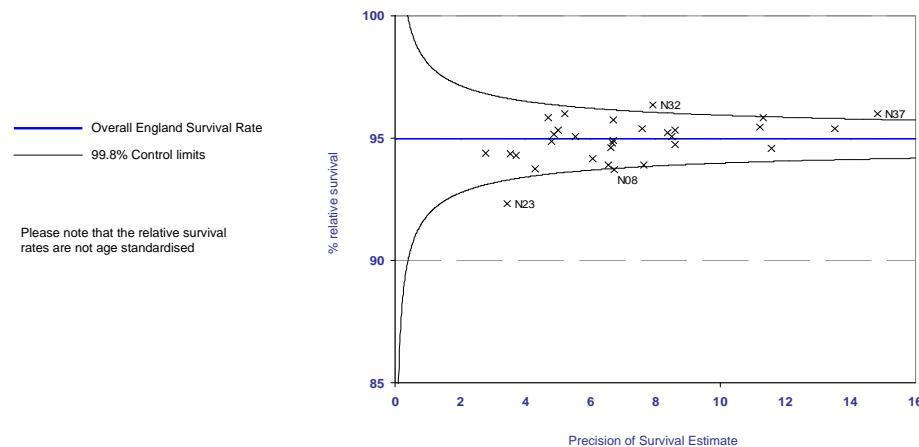


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## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C50: Breast

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	5,132	430	91.6	94.2	93.4 - 95.0	9,059	702	92.3	94.6	94.0 - 95.2					
N02 Greater Manchester and Cheshire CN	6,220	448	92.8	95.1	94.4 - 95.7	7,563	494	93.5	95.8	95.3 - 96.4					
N03 Merseyside and Cheshire CN	3,414	218	93.6	96.0	95.1 - 96.9	5,848	508	91.3	93.7	92.9 - 94.5					
N06 Yorkshire CN	5,429	381	93.0	95.4	94.7 - 96.1	3,123	203	93.5	95.8	94.9 - 96.7					
N07 Humber and Yorkshire Coast CN	5,205	404	92.2	94.6	93.9 - 95.4	2,223	176	92.1	94.4	93.2 - 95.5					
N08 North Trent CN	5,156	393	92.4	94.8	94.0 - 95.6	3,698	318	91.4	93.7	92.8 - 94.7					
N11 Pan Birmingham CN	4,289	269	93.7	95.7	95.0 - 96.5	2,948	233	92.1	94.3	93.3 - 95.3					
N12 Arden CN	3,401	340	90.0	92.3	91.3 - 93.4	4,090	297	92.7	95.1	94.2 - 95.9					
N13 Mid Trent CN	3,582	252	93.0	95.3	94.4 - 96.2	6,523	497	92.4	95.2	94.5 - 95.9					
N14 Derby/Burton CN	3,116	270	91.3	94.4	93.3 - 95.4	6,781	597	91.2	93.9	93.2 - 94.6					
N15 Leics, Northants and Rutland CN	3,765	290	92.3	94.9	94.0 - 95.8	7,638	512	93.3	95.4	94.9 - 96.0					
N20 Mount Vernon CN	6,895	544	92.1	94.7	94.1 - 95.4	4,774	280	94.1	96.4	95.7 - 97.1					
N21 West London CN	3,843	296	92.3	95.2	94.3 - 96.1	5,076	379	92.5	94.9	94.2 - 95.7					
N22 North London CN	6,315	455	92.8	95.3	94.7 - 96.0	9,407	643	93.2	95.4	94.9 - 95.9					
N23 North East London CN	5,587	474	91.5	93.9	93.1 - 94.7	9,907	644	93.5	96.0	95.5 - 96.5					
N24 South East London CN															
N25 South West London CN															
N26 Peninsula CN															
N27 Dorset CN															
N28 Avon, Somerset and Wiltshire CN															
N29 3 Counties CN															
N30 Thames Valley CN															
N31 Central South Coast CN															
N32 Surrey, West Sussex and Hampshire CN															
N33 Sussex CN															
N34 Kent and Medway CN															
N35 Greater Midlands CN															
N36 North of England CN															
N37 Anglia CN															
N38 Essex CN															
England						160,007	11,947	92.5	95.0	94.8 - 95.1					



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Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



## Trends in one year cancer survival, England, 1985-2004

C53: Cervix Uteri

Males						Females						Persons					
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		
1985-1989						18,910	3,524	81.4	82.6	82.0 - 83.1							
1990-1994						15,468	2,635	83.0	84.2	83.6 - 84.8							
1995-1999						12,362	2,245	81.8	83.1	82.4 - 83.8							
2000-2004						10,883	1,907	82.5	83.8	83.0 - 84.5							

Estimated change per 5-yr cohort (%):  
P value:

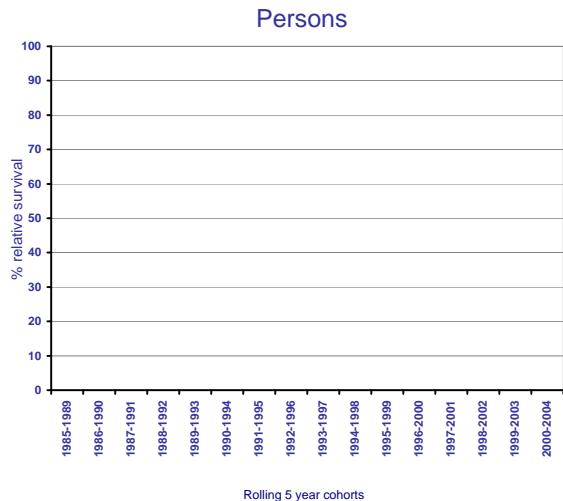
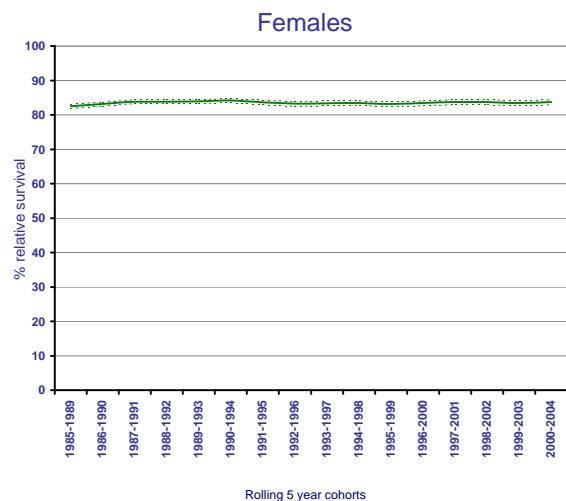
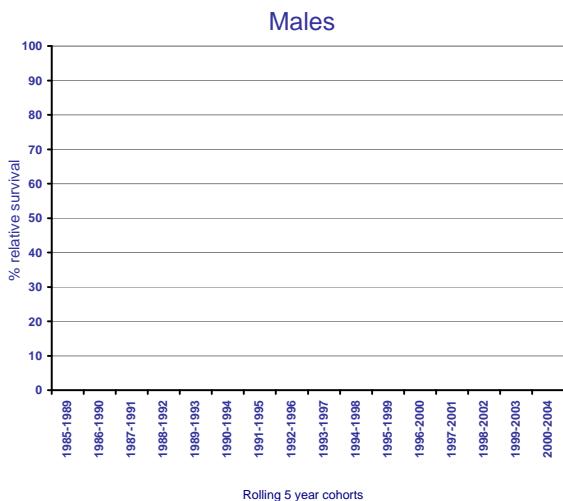
Estimated change per 5-yr cohort (%): 0.3  
P value: 0.511

Estimated change per 5-yr cohort (%):  
P value:

Notes on Trend

Notes on Trend  
The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

Notes on Trend



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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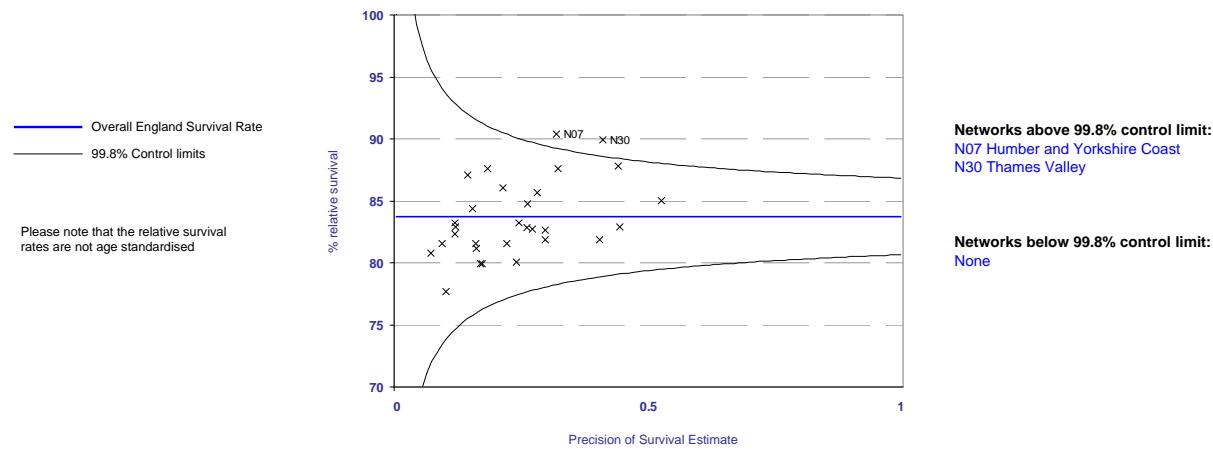
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## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C53: Cervix Uteri

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	382	76	80.1	81.5	77.4 - 85.7	711	130	81.7	82.9	80.0 - 85.9					
N02 Greater Manchester and Cheshire CN	500	97	80.6	81.9	78.3 - 85.5	685	134	80.4	81.9	78.8 - 84.9					
N03 Merseyside and Cheshire CN	321	34	89.4	90.4	86.9 - 93.9	430	91	78.8	80.0	76.0 - 84.0					
N06 Yorkshire CN	419	77	81.6	82.8	79.0 - 86.6	228	38	83.3	84.4	79.4 - 89.4					
N07 Humber and Yorkshire Coast CN	385	63	83.6	84.8	81.0 - 88.6	159	31	80.5	81.6	75.2 - 87.9					
N08 North Trent CN	393	52	86.8	87.6	84.2 - 91.1	196	37	81.1	82.3	76.7 - 88.0					
N11 Pan Birmingham CN	284	58	79.6	81.2	76.3 - 86.1	192	35	81.8	82.9	77.3 - 88.6					
N12 Arden CN	305	65	78.7	79.9	75.2 - 84.7	305	65	86.0	86.0	81.8 - 90.3					
N13 Mid Trent CN	296	45	84.8	86.0	81.8 - 90.3	226	30	86.7	87.6	83.1 - 92.2					
N14 Derby/Burton CN	395	72	81.8	83.2	79.3 - 87.2	129	27	79.1	80.8	73.4 - 88.1					
N15 Leics, Northants and Rutland CN	538	71	86.8	87.8	84.9 - 90.8	186	26	86.0	87.1	81.9 - 92.2					
N20 Mount Vernon CN	437	49	88.8	89.9	86.9 - 93.0	404	64	84.2	85.6	82.0 - 89.3					
N21 West London CN	195	36	81.5	83.2	77.5 - 88.9	204	49	76.0	77.7	71.6 - 83.8					
N22 North London CN	313	67	78.6	80.0	75.2 - 84.7	439	81	81.5	82.7	79.0 - 86.5					
N23 North East London CN	758	122	83.9	85.0	82.3 - 87.7	489	92	81.2	82.6	79.1 - 86.2					
N24 South East London CN	284	58	79.6	81.5	76.6 - 86.4										
N25 South West London CN															
N26 Peninsula CN															
N27 Dorset CN															
N28 Avon, Somerset and Wiltshire CN															
N29 3 Counties CN															
N30 Thames Valley CN															
N31 Central South Coast CN															
N32 Surrey, West Sussex and Hampshire CN															
N33 Sussex CN															
N34 Kent and Medway CN															
N35 Greater Midlands CN															
N36 North of England CN															
N37 Anglia CN															
N38 Essex CN															
<b>England</b>			<b>10,883</b>	<b>1,907</b>	<b>82.5</b>	<b>83.8</b>	<b>83.0 - 84.5</b>								



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Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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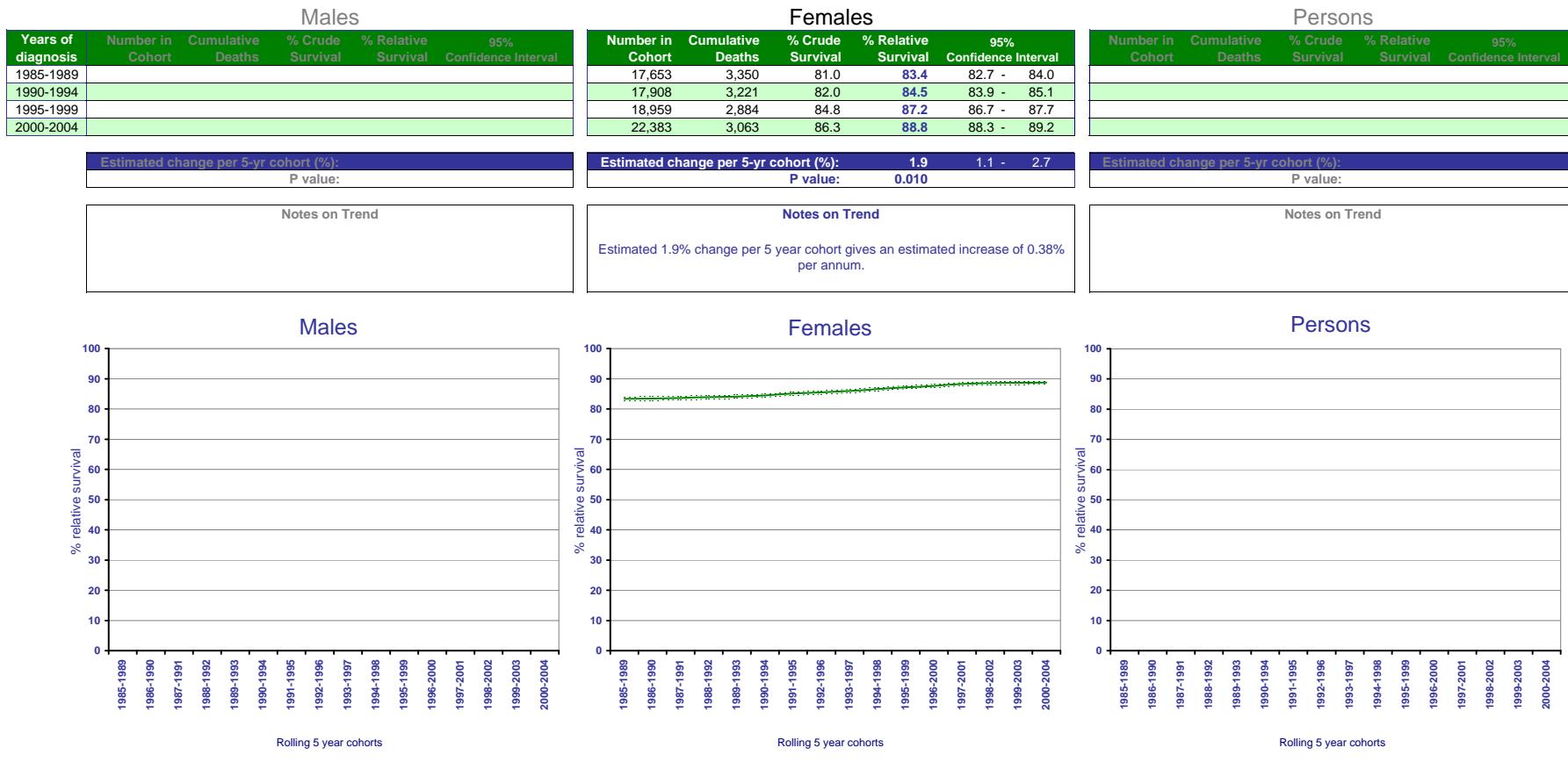
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## Trends in one year cancer survival, England, 1985-2004

### C54-C55: Uterus



Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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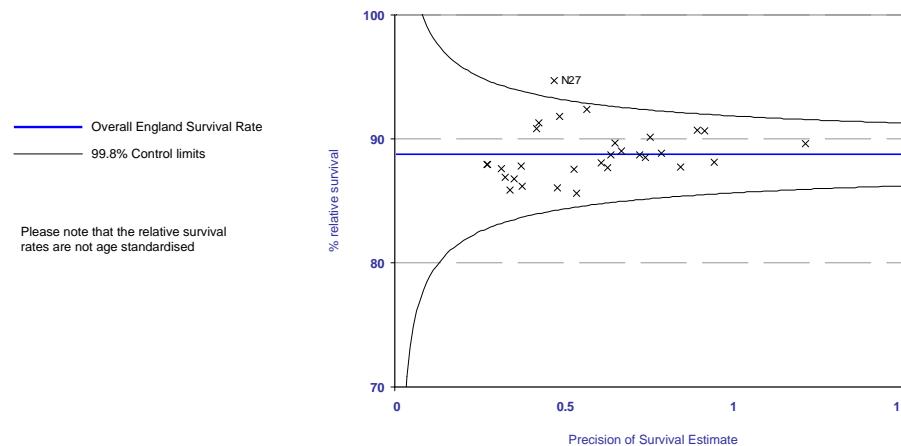
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## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C54-C55: Uterus

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	745	112	85.0	87.6	84.9 - 90.3	1,167	172	85.3	87.7	85.6 - 89.8					
N02 Greater Manchester and Cheshire CN						811	115	85.8	88.1	85.5 - 90.6					
N03 Merseyside and Cheshire CN						1,053	125	88.1	90.7	88.6 - 92.7					
N06 Yorkshire CN						467	72	84.6	86.9	83.5 - 90.4					
N07 Humber and Yorkshire Coast CN						819	137	83.3	85.6	82.9 - 88.3					
N08 North Trent CN						881	107	87.9	90.1	87.9 - 92.4					
N11 Pan Birmingham CN						463	53	88.6	90.8	87.8 - 93.9					
N12 Arden CN						835	110	86.8	89.0	86.6 - 91.4					
N13 Mid Trent CN						377	55	85.4	87.9	84.2 - 91.7					
N14 Derby/Burton CN						823	112	86.4	88.7	86.3 - 91.2					
N15 Leics, Northants and Rutland CN						444	67	84.9	87.6	84.1 - 91.1					
N20 Mount Vernon CN						509	74	85.5	87.8	84.6 - 91.0					
N21 West London CN						371	54	85.4	88.0	84.2 - 91.7					
N22 North London CN						508	83	83.7	85.9	82.5 - 89.2					
N23 North East London CN						554	89	83.9	86.2	83.0 - 89.4					
N24 South East London CN						469	53	88.7	91.3	88.3 - 94.3					
N25 South West London CN						1,031	142	86.2	88.9	86.7 - 91.1					
N26 Peninsula CN						384	31	91.9	94.7	91.8 - 97.5					
N27 Dorset CN						952	132	86.1	88.7	86.4 - 91.0					
N28 Avon, Somerset and Wiltshire CN						512	55	89.3	91.8	89.0 - 94.6					
N29 3 Counties CN						976	136	86.1	88.5	86.2 - 90.8					
N30 Thames Valley CN						861	126	85.4	87.7	85.2 - 90.2					
N31 Central South Coast CN						570	58	89.8	92.4	89.8 - 95.0					
N32 Surrey, West Sussex and Hampshire CN						528	85	83.9	86.8	83.5 - 90.1					
N33 Sussex CN						736	122	83.4	86.1	83.3 - 88.9					
N34 Kent and Medway CN						983	112	88.6	90.7	88.7 - 92.8					
N35 Greater Midlands CN						1,244	175	85.9	88.1	86.1 - 90.1					
N36 North of England CN						1,505	195	87.0	89.6	87.8 - 91.4					
N37 Anglia CN						805	104	87.1	89.7	87.2 - 92.1					
England						22,383	3,063	86.3	88.8	88.3 - 89.2					



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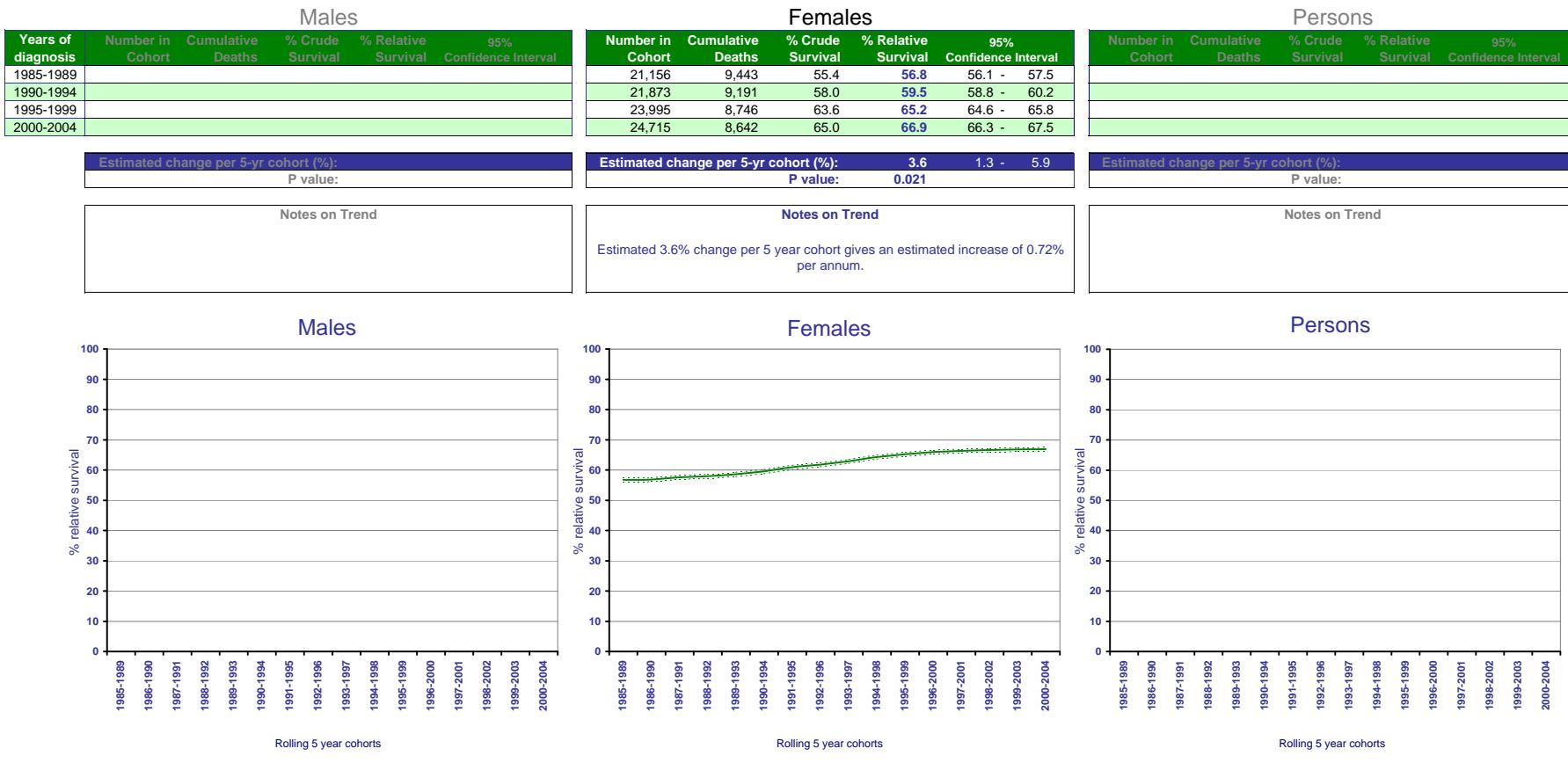
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## Trends in one year cancer survival, England, 1985-2004

C56: Ovary



Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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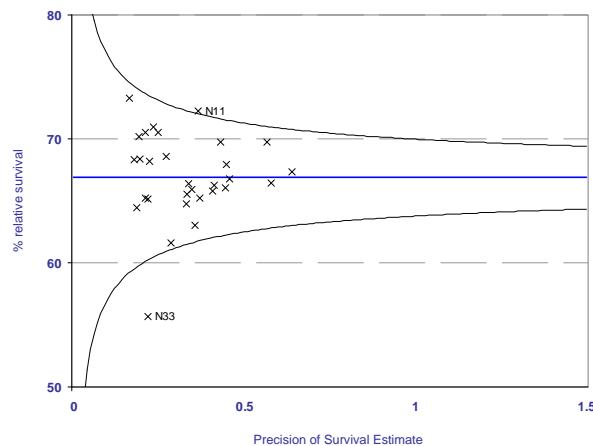
## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C56: Ovary

Males						Females						Persons					
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	886	319	64.0	65.9	62.6 - 69.2												
N02 Greater Manchester and Cheshire CN	1,354	434	67.9	69.7	67.1 - 72.3												
N03 Merseyside and Cheshire CN	934	361	61.3	63.0	59.8 - 66.3												
N06 Yorkshire CN	1,158	408	64.8	66.8	63.9 - 69.7												
N07 Humber and Yorkshire Coast CN	552	185	66.5	68.2	64.1 - 72.3												
N08 North Trent CN	948	346	63.5	65.2	62.0 - 68.4												
N11 Pan Birmingham CN	834	246	70.5	72.3	69.0 - 75.5												
N12 Arden CN	500	155	69.0	70.5	66.3 - 74.8												
N13 Mid Trent CN	849	300	64.7	66.4	63.0 - 69.7												
N14 Derby/Burton CN	375	107	71.5	73.3	68.5 - 78.1												
N15 Leics, Northants and Rutland CN	847	306	63.9	65.5	62.1 - 68.9												
N20 Mount Vernon CN	485	163	66.4	68.4	64.0 - 72.8												
N21 West London CN	565	207	63.4	65.2	61.0 - 69.4												
N22 North London CN	440	147	66.6	68.3	63.7 - 72.9												
N23 North East London CN	549	201	63.4	65.2	61.0 - 69.4												
N24 South East London CN	593	186	68.6	70.5	66.6 - 74.4												
N25 South West London CN	464	147	68.3	70.2	65.8 - 74.6												
N26 Peninsula CN	1,115	380	65.9	68.0	65.0 - 70.9												
N27 Dorset CN	494	186	62.3	64.5	60.0 - 69.0												
N28 Avon, Somerset and Wiltshire CN	1,040	335	67.8	69.8	66.8 - 72.8												
N29 3 Counties CN	559	173	69.1	70.9	66.9 - 75.0												
N30 Thames Valley CN	1,123	400	64.4	66.0	63.1 - 69.0												
N31 Central South Coast CN	1,042	376	63.9	65.8	62.8 - 68.9												
N32 Surrey, West Sussex and Hampshire CN	682	229	66.4	68.6	64.8 - 72.3												
N33 Sussex CN	612	283	53.8	55.7	51.5 - 59.9												
N34 Kent and Medway CN	762	306	59.8	61.6	57.9 - 65.2												
N35 Greater Midlands CN	1,037	367	64.6	66.3	63.2 - 69.3												
N36 North of England CN	1,588	547	65.6	67.3	64.9 - 69.8												
N37 Anglia CN	1,468	522	64.4	66.4	63.9 - 69.0												
N38 Essex CN	860	320	62.8	64.8	61.4 - 68.2												
England			24,715	8,642	65.0	66.9	66.3 - 67.5										

Overall England Survival Rate  
99.8% Control limits

Please note that the relative survival rates are not age standardised



Networks above 99.8% control limit:  
N11 Pan Birmingham

Networks below 99.8% control limit:  
N33 Sussex

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Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



## Trends in one year cancer survival, England, 1985-2004

### C61: Prostate

Males						Females						Persons					
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		
1985-1989	50,678	13,688	73.0	79.0	78.5 - 79.4												
1990-1994	68,965	16,587	75.9	82.2	81.8 - 82.5												
1995-1999	89,366	15,113	83.1	88.7	88.5 - 89.0												
2000-2004	123,516	14,017	88.7	93.8	93.6 - 94.0												

Estimated change per 5-yr cohort (%): **5.2**      3.7 - 6.8  
P value: **0.005**

Estimated change per 5-yr cohort (%):  
P value:

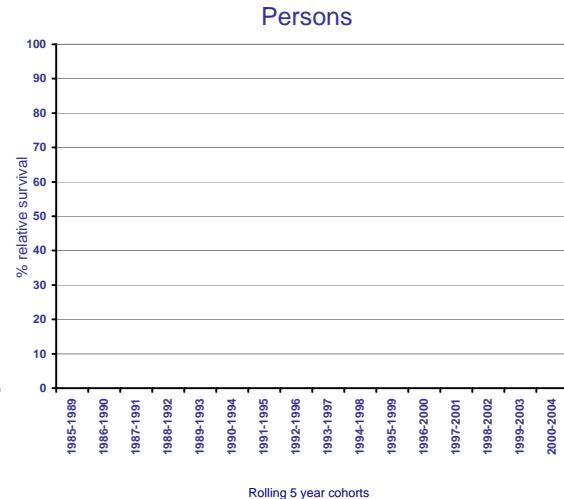
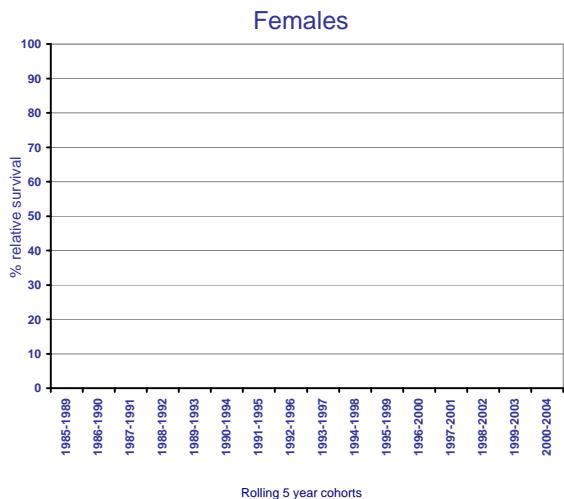
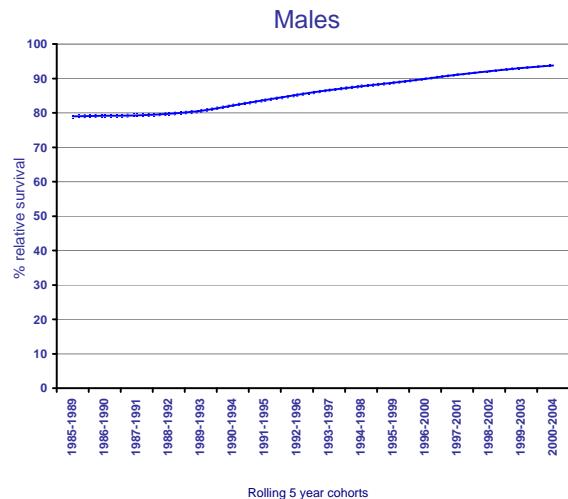
Estimated change per 5-yr cohort (%):  
P value:

#### Notes on Trend

Estimated 5.2% change per 5 year cohort gives an estimated increase of 1.05% per annum.

#### Notes on Trend

#### Notes on Trend



- - - Dotted lines show 95% confidence limits

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Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



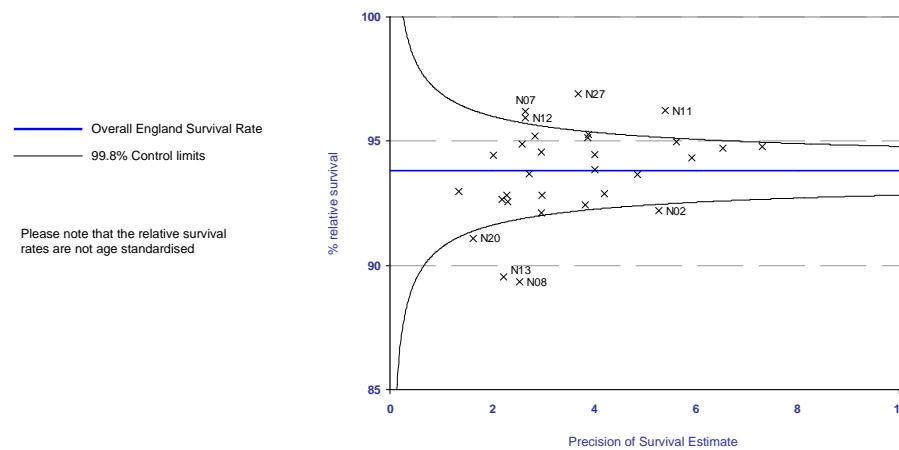
Trent  
NHS  
Cancer Registry



## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C61: Prostate

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	4,228	439	89.6	95.1	94.1 - 96.1										
N02 Greater Manchester and Cheshire CN	6,848	875	87.2	92.2	91.4 - 93.1										
N03 Merseyside and Cheshire CN	4,081	408	90.0	95.3	94.3 - 96.3										
N06 Yorkshire CN	5,916	597	89.9	95.0	94.1 - 95.8										
N07 Humber and Yorkshire Coast CN	2,541	230	90.9	96.2	95.0 - 97.4										
N08 North Trent CN	3,931	616	84.3	89.4	88.1 - 90.6										
N11 Pan Birmingham CN	4,913	424	91.4	96.2	95.4 - 97.1										
N12 Arden CN	2,522	228	91.0	95.9	94.7 - 97.1										
N13 Mid Trent CN	3,506	556	84.1	89.5	88.2 - 90.9										
N14 Derby/Burton CN	1,709	210	87.7	93.0	91.3 - 94.7										
N15 Leics, Northants and Rutland CN	3,764	465	87.6	92.8	91.7 - 94.0										
N20 Mount Vernon CN	2,265	314	86.1	91.1	89.6 - 92.6										
N21 West London CN	3,110	314	89.9	94.6	93.4 - 95.7										
N22 North London CN	2,204	231	89.5	94.4	93.1 - 95.8										
N23 North East London CN	2,786	347	87.5	92.7	91.3 - 94.0										
N24 South East London CN	2,880	353	87.7	92.6	91.3 - 93.8										
N25 South West London CN	2,886	281	90.3	95.2	94.0 - 96.4										
N26 Peninsula CN	5,183	685	86.8	92.4	91.4 - 93.4										
N27 Dorset CN	3,472	305	91.2	96.9	95.9 - 97.9										
N28 Avon, Somerset and Wiltshire CN	5,328	658	87.7	92.9	91.9 - 93.8										
N29 3 Counties CN	2,888	307	89.4	94.9	93.7 - 96.1										
N30 Thames Valley CN	6,414	671	89.5	94.3	93.5 - 95.1										
N31 Central South Coast CN	5,875	688	88.3	93.7	92.8 - 94.5										
N32 Surrey, West Sussex and Hampshire CN	3,210	366	88.6	93.7	92.5 - 94.9										
N33 Sussex CN	2,992	379	87.3	92.8	91.5 - 94.1										
N34 Kent and Medway CN	3,821	485	87.3	92.1	91.0 - 93.3										
N35 Greater Midlands CN	4,358	455	89.6	94.4	93.5 - 95.4										
N36 North of England CN	6,974	716	89.7	94.7	94.0 - 95.5										
N37 Anglia CN	8,165	872	89.3	94.8	94.1 - 95.5										
N38 Essex CN	4,746	542	88.6	93.9	92.9 - 94.8										
<b>England</b>	<b>123,516</b>	<b>14,017</b>	<b>88.7</b>	<b>93.8</b>	<b>93.6 - 94.0</b>										



#### Networks above 99.8% control limit:

N07 Humber and Yorkshire  
N11 Pan Birmingham  
N12 Arden  
N27 Dorset

#### Networks below 99.8% control limit:

N02 Greater Manchester and Cheshire  
N08 North Trent  
N13 Mid Trent  
N20 Mount Vernon

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Death registrations from ONS. Deaths up to and including 31/12/2005



## Trends in one year cancer survival, England, 1985-2004

C62: Testis

### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	5,565	285	94.9	95.3	94.7 - 95.9
1990-1994	6,421	214	96.7	97.1	96.6 - 97.5
1995-1999	7,586	196	97.4	97.7	97.4 - 98.1
2000-2004	7,953	181	97.7	98.1	97.7 - 98.4

**Estimated change per 5-yr cohort (%):** 0.8  
**P value:** 0.076

**Notes on Trend**  
The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

### Females

Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval

**Estimated change per 5-yr cohort (%):**  
P value:

Notes on Trend

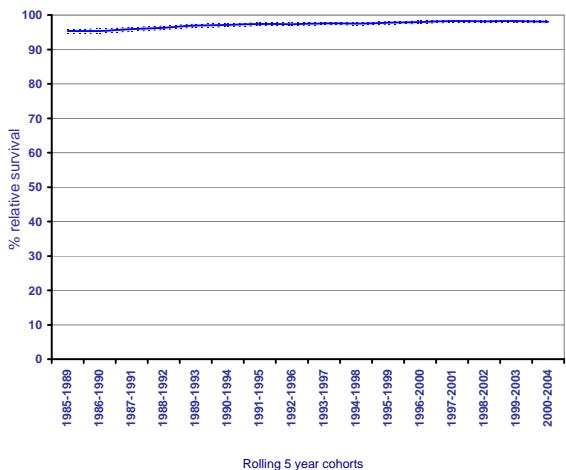
### Persons

Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval

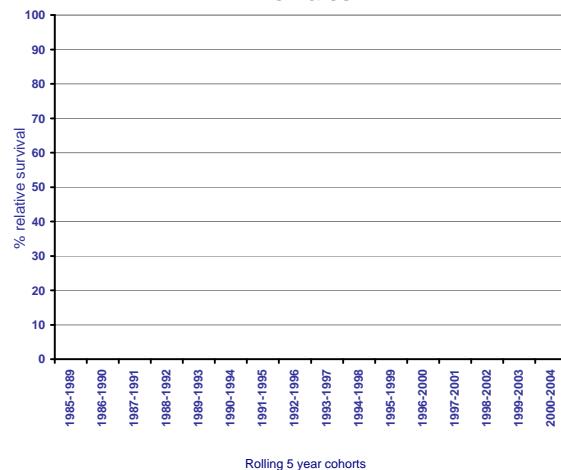
**Estimated change per 5-yr cohort (%):**  
P value:

Notes on Trend

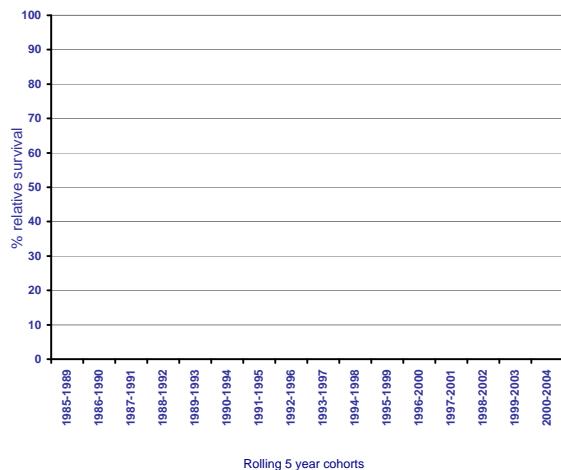
### Males



### Females



### Persons



- - - Dotted lines show 95% confidence limits

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Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



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Trent  
NHS  
Cancer Registry



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## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C62: Testis

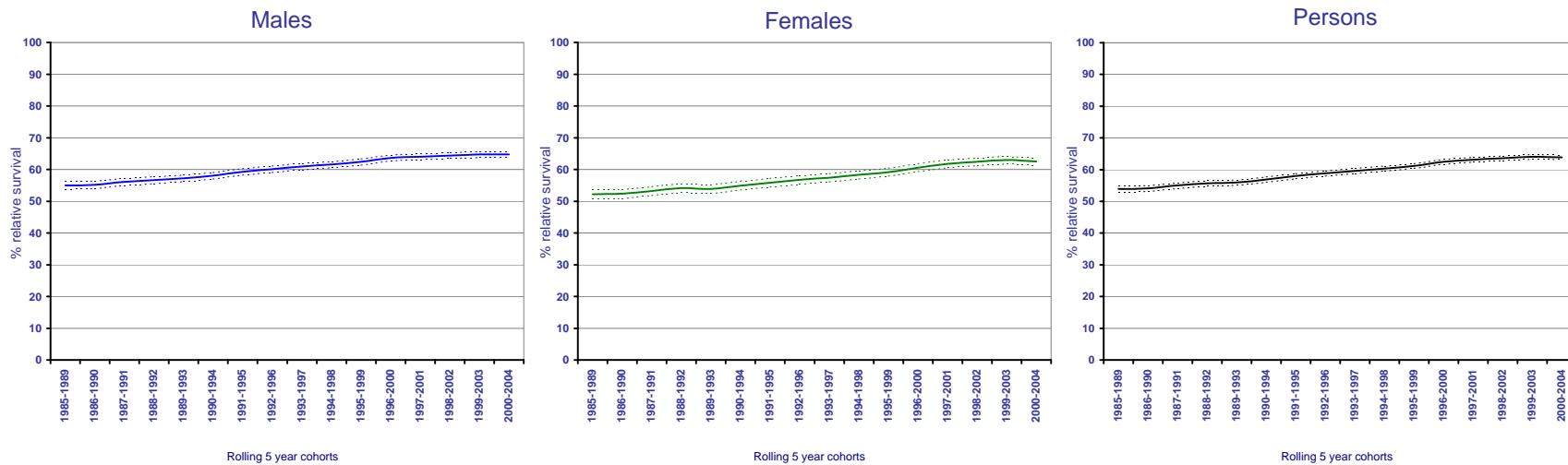
Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	261	7	97.3	97.8	95.8 - 99.8										
N02 Greater Manchester and Cheshire CN	486	12	97.5	97.8	96.4 - 99.3										
N03 Merseyside and Cheshire CN	311	6	98.1	98.4	96.8 - 99.9										
N06 Yorkshire CN	440	8	98.2	98.4	97.2 - 99.7										
N07 Humber and Yorkshire Coast CN	157	6	96.2	96.5	93.4 - 99.6										
N08 North Trent CN	276	7	97.5	97.7	95.8 - 99.6										
N11 Pan Birmingham CN	249	6	97.6	97.9	96.0 - 99.9										
N12 Arden CN	180	5	97.2	97.5	95.0 - 99.9										
N13 Mid Trent CN	244	4	98.4	98.6	97.0 - 100.3										
N14 Derby/Burton CN	73	2	97.3	97.5	93.7 - 101.3										
N15 Leics, Northants and Rutland CN	228	6	97.4	97.7	95.6 - 99.9										
N20 Mount Vernon CN	147	5	96.6	97.0	94.0 - 100.0										
N21 West London CN	216	6	97.2	97.5	95.3 - 99.7										
N22 North London CN	168	3	98.2	98.4	96.4 - 100.5										
N23 North East London CN	160	7	95.6	95.9	92.6 - 99.1										
N24 South East London CN	216	9	95.8	96.1	93.4 - 98.9										
N25 South West London CN	197	1	99.5	99.8	98.7 - 100.8										
N26 Peninsula CN	272	4	98.5	99.1	97.6 - 100.6										
N27 Dorset CN	149	2	98.7	99.2	97.3 - 101.1										
N28 Avon, Somerset and Wiltshire CN	374	7	98.1	98.4	97.0 - 99.8										
N29 3 Counties CN	178	10	94.4	95.0	91.5 - 98.4										
N30 Thames Valley CN	454	13	97.1	97.5	96.0 - 99.1										
N31 Central South Coast CN	354	3	99.2	99.5	98.5 - 100.4										
N32 Surrey, West Sussex and Hampshire CN	262	9	96.6	97.1	94.8 - 99.3										
N33 Sussex CN	188	4	97.9	98.2	96.1 - 100.4										
N34 Kent and Medway CN	255	4	98.4	98.7	97.1 - 100.2										
N35 Greater Midlands CN	274	1	99.6	99.9	99.2 - 100.7										
N36 North of England CN	465	7	98.5	98.8	97.7 - 100.0										
N37 Anglia CN	457	8	98.2	98.5	97.3 - 99.7										
N38 Essex CN	262	9	96.6	97.0	94.7 - 99.2										
<b>England</b>	<b>7,953</b>	<b>181</b>	<b>97.7</b>	<b>98.1</b>	<b>97.7 - 98.4</b>										

Please note that a funnel plot is not included for testicular cancer as funnel plots are not appropriate when all of the relative survival estimates are very close to 0% or 100% due to problems with mapping the precision as well as the control limits around the England estimate.

## Trends in one year cancer survival, England, 1985-2004

C64: Kidney, except renal pelvis

Males							Females							Persons						
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval					
1985-1989	7,732	3,646	52.8	55.0	53.8 - 56.2	4,752	2,350	50.5	52.2	50.7 - 53.7	12,484	5,996	52.0	53.9	53.0 - 54.9					
1990-1994	9,668	4,282	55.7	58.0	57.0 - 59.1	5,751	2,693	53.2	54.9	53.6 - 56.3	15,419	6,975	54.8	56.9	56.0 - 57.7					
1995-1999	10,713	4,272	60.1	62.4	61.4 - 63.4	6,476	2,766	57.3	59.2	57.9 - 60.5	17,189	7,038	59.1	61.2	60.4 - 61.9					
2000-2004	12,285	4,622	62.4	64.8	63.9 - 65.7	7,454	2,951	60.4	62.5	61.3 - 63.7	19,739	7,573	61.6	63.9	63.2 - 64.6					
Estimated change per 5-yr cohort (%): 3.3 2.2 - 4.5					P value: 0.006	Estimated change per 5-yr cohort (%): 3.5 2.7 - 4.3					Estimated change per 5-yr cohort (%): 3.4 2.5 - 4.3					P value: 0.004				
Notes on Trend							Notes on Trend							Notes on Trend						
Estimated 3.3% change per 5 year cohort gives an estimated increase of 0.67% per annum.							Estimated 3.5% change per 5 year cohort gives an estimated increase of 0.71% per annum.							Estimated 3.4% change per 5 year cohort gives an estimated increase of 0.68% per annum.						



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Northern and Yorkshire

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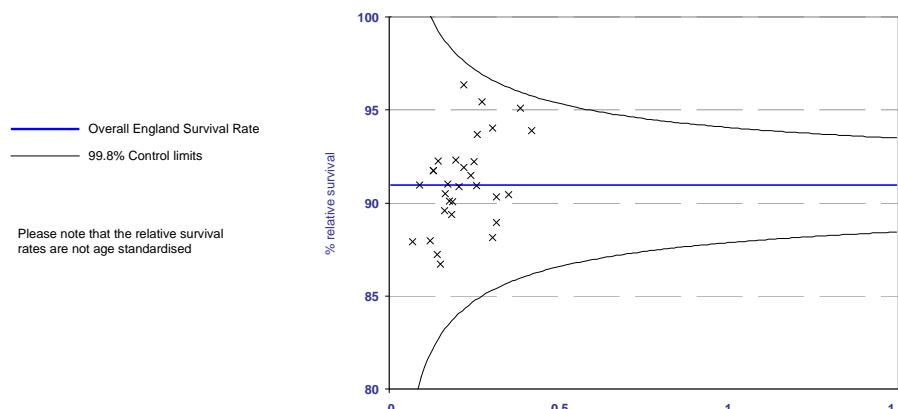


United Kingdom  
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Cancer Registries

## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C64: Kidney, except renal pelvis

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	380	149	60.8	63.2	58.0 - 68.4		249	103	58.6	60.8	54.4 - 67.3		629	252	59.9	62.2	58.2 - 66.3			
N02 Greater Manchester and Cheshire CN	711	261	63.3	65.7	62.0 - 69.5		406	165	59.4	61.3	56.3 - 66.4		1,117	426	61.9	64.1	61.1 - 67.1			
N03 Merseyside and Cheshire CN	408	138	66.2	68.4	63.5 - 73.2		265	115	56.6	58.3	52.1 - 64.6		673	253	62.4	64.4	60.6 - 68.3			
N06 Yorkshire CN	628	205	67.4	69.8	65.9 - 73.7		445	146	67.2	69.4	64.8 - 74.0		1,073	351	67.3	69.6	66.7 - 72.6			
N07 Humber and Yorkshire Coast CN	290	91	68.6	71.1	65.5 - 76.7		180	64	64.4	66.7	59.3 - 74.1		470	155	67.0	69.4	64.9 - 73.9			
N08 North Trent CN	553	228	58.8	61.1	56.7 - 65.4		379	151	60.2	62.2	57.0 - 67.4		932	379	59.3	61.5	58.2 - 64.9			
N11 Pan Birmingham CN	396	138	65.2	67.0	62.1 - 71.9		205	79	61.5	62.9	56.0 - 69.9		601	217	63.9	65.6	61.6 - 69.6			
N12 Arden CN	169	55	67.5	69.8	62.3 - 77.3		128	58	54.7	56.5	47.4 - 65.6		297	113	62.0	64.1	58.2 - 69.9			
N13 Mid Trent CN	428	185	56.8	59.1	54.2 - 64.1		265	105	60.4	62.2	56.0 - 68.4		693	290	58.2	60.3	56.4 - 64.2			
N14 Derby/Burton CN	201	78	61.2	63.5	56.4 - 70.6		121	48	60.3	62.7	53.4 - 71.9		322	126	60.9	63.2	57.5 - 68.8			
N15 Leics, Northants and Rutland CN	391	157	59.8	62.0	56.9 - 67.1		179	79	55.9	57.9	50.2 - 65.6		570	236	58.6	60.7	56.4 - 65.0			
N20 Mount Vernon CN	212	94	55.7	57.8	50.7 - 64.9		138	53	61.6	63.4	54.9 - 71.9		350	147	58.0	60.0	54.6 - 65.5			
N21 West London CN	297	102	65.7	68.0	62.3 - 73.7		148	50	66.2	68.1	60.1 - 76.1		445	152	65.8	68.0	63.4 - 72.7			
N22 North London CN	244	81	66.8	69.4	63.2 - 75.7		125	38	69.6	71.8	63.3 - 80.3		369	119	67.8	70.2	65.2 - 75.3			
N23 North East London CN	263	89	66.2	68.8	62.8 - 74.9		148	52	64.9	67.4	59.3 - 75.6		411	141	65.7	68.3	63.5 - 73.2			
N24 South East London CN	308	120	61.0	63.3	57.5 - 69.0		185	88	52.4	54.3	46.7 - 61.9		493	208	57.8	59.9	55.3 - 64.5			
N25 South West London CN	237	79	66.7	69.3	62.9 - 75.6		160	69	56.9	58.9	50.8 - 67.0		397	148	62.7	65.1	60.1 - 70.1			
N26 Peninsula CN	549	211	61.6	64.1	59.8 - 68.5		306	118	61.4	63.8	58.0 - 69.6		855	329	61.5	64.0	60.6 - 67.5			
N27 Dorset CN	255	83	67.5	70.2	64.1 - 76.3		138	50	63.8	66.7	58.1 - 75.2		393	133	66.2	69.0	64.0 - 73.9			
N28 Avon, Somerset and Wiltshire CN	509	190	62.7	65.2	60.8 - 69.7		300	114	62.0	64.1	58.3 - 69.9		809	304	62.4	64.8	61.3 - 68.4			
N29 3 Counties CN	261	92	64.8	67.2	61.0 - 73.3		161	66	59.0	61.0	53.0 - 69.0		422	158	62.6	64.8	59.9 - 69.7			
N30 Thames Valley CN	541	192	64.5	67.1	62.8 - 71.4		301	114	62.1	64.1	58.3 - 69.9		842	306	63.7	66.0	62.6 - 69.5			
N31 Central South Coast CN	530	189	64.3	67.0	62.6 - 71.3		315	109	65.4	67.5	62.0 - 73.0		845	298	64.7	67.2	63.8 - 70.6			
N32 Surrey, West Sussex and Hampshire CN	360	144	60.0	62.6	57.2 - 67.9		165	68	58.8	61.4	53.4 - 69.4		525	212	59.6	62.2	57.7 - 66.7			
N33 Sussex CN	312	128	59.0	61.7	55.8 - 67.5		184	73	60.3	62.8	55.3 - 70.3		496	201	59.5	62.1	57.5 - 66.7			
N34 Kent and Medway CN	379	174	54.1	56.5	51.2 - 61.9		263	128	51.3	53.3	46.9 - 59.7		642	302	53.0	55.2	51.1 - 59.3			
N35 Greater Midlands CN	473	177	62.6	64.7	60.1 - 69.3		289	100	65.4	67.3	61.6 - 73.1		762	277	63.6	65.7	62.1 - 69.3			
N36 North of England CN	869	320	63.2	65.3	61.9 - 68.7		600	249	58.5	60.5	56.3 - 64.6		1,469	569	61.3	63.3	60.7 - 66.0			
N37 Anglia CN	711	302	57.5	60.1	56.2 - 64.0		416	165	60.3	62.3	57.4 - 67.3		1,127	467	58.6	60.9	57.9 - 64.0			
N38 Essex CN	420	170	59.5	61.8	56.8 - 66.8		290	134	53.8	55.9	49.8 - 62.0		710	304	57.2	59.4	55.5 - 63.2			
<b>England</b>	<b>12,285</b>	<b>4,622</b>	<b>62.4</b>	<b>64.8</b>	<b>63.9 - 65.7</b>		<b>7,454</b>	<b>2,951</b>	<b>60.4</b>	<b>62.5</b>	<b>61.3 - 63.7</b>		<b>19,739</b>	<b>7,573</b>	<b>61.6</b>	<b>63.9</b>	<b>63.2 - 64.6</b>			



Networks above 99.8% control limit:  
None

Networks below 99.8% control limit:  
None

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## Trends in one year cancer survival, England, 1985-2004

C67: Bladder

### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	34,372	7,872	77.1	81.7	81.2 - 82.2
1990-1994	36,105	8,070	77.6	82.6	82.2 - 83.1
1995-1999	34,164	7,743	77.3	81.9	81.5 - 82.4
2000-2004	25,962	7,064	72.8	77.4	76.8 - 78.0

Estimated change per 5-yr cohort (%): -1.2 -5.0 - 2.7  
P value: 0.322

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There was however a change in registry coding practice for these cancers in 1999 when some formerly invasive categories became reclassified as non-invasive.

### Females

Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
13,382	4,183	68.7	72.0	71.2 - 72.9
13,732	4,412	67.9	71.5	70.6 - 72.3
13,353	4,424	66.9	70.5	69.7 - 71.4
10,272	4,216	59.0	62.7	61.7 - 63.7

Estimated change per 5-yr cohort (%): -2.6 -8.0 - 2.8  
P value: 0.172

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There was however a change in registry coding practice for these cancers in 1999 when some formerly invasive categories became reclassified as non-invasive.

### Persons

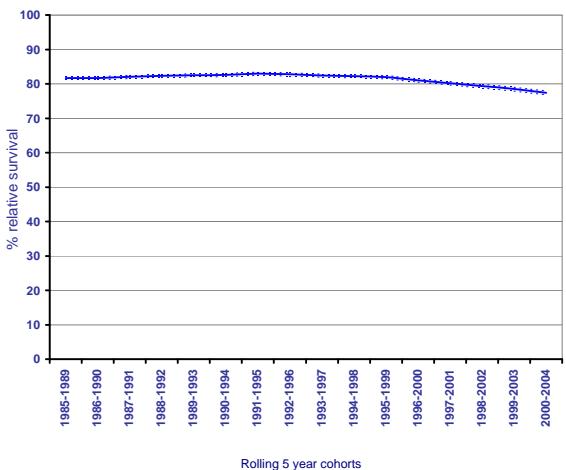
Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
47,754	12,055	74.8	79.0	78.6 - 79.4
49,837	12,482	75.0	79.5	79.1 - 79.9
47,517	12,167	74.4	78.7	78.3 - 79.1
36,234	11,280	68.9	73.2	72.7 - 73.8

Estimated change per 5-yr cohort (%): -1.6 -5.9 - 2.7  
P value: 0.255

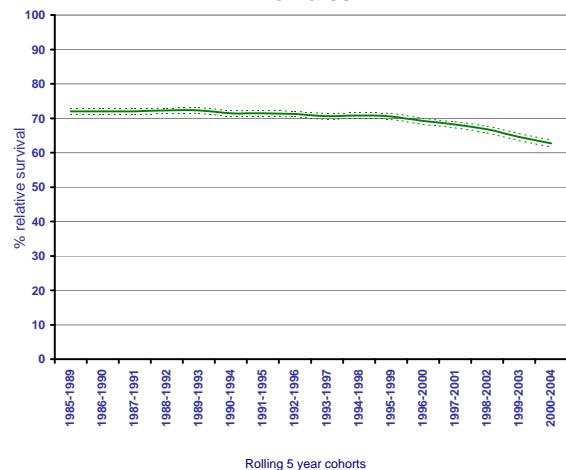
#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There was however a change in registry coding practice for these cancers in 1999 when some formerly invasive categories became reclassified as non-invasive.

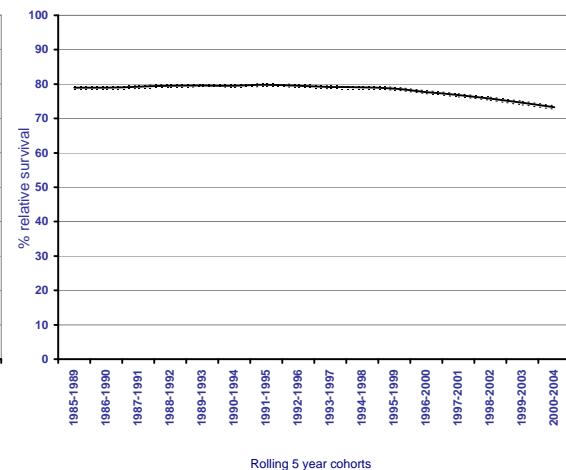
### Males



### Females



### Persons



- - - Dotted lines show 95% confidence limits

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## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

C67: Bladder

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	857	240	72.0	76.4	73.1 - 79.6		395	159	59.7	63.7	58.4 - 68.9		1,252	399	68.1	72.4	69.6 - 75.2			
N02 Greater Manchester and Cheshire CN	1,534	436	71.6	75.8	73.4 - 78.2		631	244	61.3	64.8	60.7 - 68.9		2,165	680	68.6	72.6	70.5 - 74.7			
N03 Merseyside and Cheshire CN	1,228	274	77.7	82.4	79.9 - 84.9		532	185	65.2	68.8	64.4 - 73.1		1,760	459	73.9	78.3	76.1 - 80.5			
N06 Yorkshire CN	1,307	343	73.8	78.4	75.8 - 81.0		584	220	62.3	66.4	62.1 - 70.7		1,891	563	70.2	74.7	72.4 - 76.9			
N07 Humber and Yorkshire Coast CN	586	145	75.3	80.4	76.6 - 84.2		252	121	52.0	55.4	48.7 - 62.1		838	266	68.3	72.9	69.4 - 76.3			
N08 North Trent CN	1,133	295	74.0	78.3	75.5 - 81.0		471	203	56.9	60.2	55.3 - 65.0		1,604	498	69.0	73.0	70.5 - 75.4			
N11 Pan Birmingham CN	813	214	73.7	77.9	74.6 - 81.1		290	117	59.7	63.0	56.9 - 69.1		1,103	331	70.0	73.9	71.0 - 76.9			
N12 Arden CN	406	104	74.4	78.8	74.2 - 83.4		139	54	61.2	65.1	56.3 - 73.9		545	158	71.0	75.3	71.2 - 79.4			
N13 Mid Trent CN	1,035	251	75.7	80.3	77.5 - 83.1		389	143	63.2	66.8	61.7 - 72.0		1,424	394	72.3	76.6	74.1 - 79.1			
N14 Derby/Burton CN	399	85	78.7	83.8	79.4 - 88.2		151	63	58.3	61.6	53.2 - 70.1		550	148	73.1	77.7	73.7 - 81.7			
N15 Leics, Northants and Rutland CN	772	200	74.1	79.0	75.6 - 82.3		292	116	60.2	63.8	57.7 - 69.9		1,064	316	70.3	74.8	71.8 - 77.8			
N20 Mount Vernon CN	574	156	72.8	77.8	73.8 - 81.8		212	89	58.0	61.6	54.4 - 68.8		786	245	68.8	73.4	69.9 - 76.9			
N21 West London CN	624	161	74.2	78.9	75.1 - 82.6		223	83	62.8	67.0	60.1 - 74.0		847	244	71.2	75.8	72.4 - 79.1			
N22 North London CN	489	136	72.2	76.7	72.4 - 81.1		172	58	66.3	70.9	63.2 - 78.6		661	194	70.7	75.2	71.5 - 79.0			
N23 North East London CN	573	174	69.6	74.2	70.1 - 78.3		254	127	50.0	53.6	46.9 - 60.4		827	301	63.6	67.9	64.3 - 71.5			
N24 South East London CN	574	170	70.4	74.9	70.8 - 79.0		217	98	54.8	58.4	51.2 - 65.6		791	268	66.1	70.4	66.8 - 74.0			
N25 South West London CN	517	137	73.5	78.5	74.3 - 82.6		208	79	62.0	66.6	59.3 - 73.8		725	216	70.2	75.1	71.4 - 78.7			
N26 Peninsula CN	967	264	72.7	77.8	74.7 - 80.8		405	167	58.8	62.8	57.6 - 68.0		1,372	431	68.6	73.3	70.7 - 76.0			
N27 Dorset CN	564	154	72.7	77.9	73.9 - 81.9		206	74	64.1	69.1	61.8 - 76.3		770	228	70.4	75.5	72.0 - 79.1			
N28 Avon, Somerset and Wiltshire CN	1,039	260	75.0	79.8	77.0 - 82.7		387	153	60.5	64.1	58.8 - 69.4		1,426	413	71.0	75.5	73.0 - 78.1			
N29 3 Counties CN	471	135	71.3	75.8	71.4 - 80.3		209	78	62.7	66.3	59.3 - 73.4		680	213	68.7	72.9	69.1 - 76.7			
N30 Thames Valley CN	1,197	299	75.0	79.7	77.0 - 82.3		407	165	59.5	63.1	57.9 - 68.2		1,604	464	71.1	75.5	73.1 - 77.9			
N31 Central South Coast CN	1,192	292	75.5	80.5	77.9 - 83.2		421	165	60.8	64.7	59.6 - 69.7		1,613	457	71.7	76.4	74.0 - 78.8			
N32 Surrey, West Sussex and Hampshire CN	718	200	72.1	77.0	73.4 - 80.5		273	91	66.7	71.3	65.2 - 77.4		991	291	70.6	75.4	72.3 - 78.5			
N33 Sussex CN	566	181	68.0	73.3	69.1 - 77.6		233	113	51.5	55.8	48.7 - 62.9		799	294	63.2	68.2	64.6 - 71.9			
N34 Kent and Medway CN	859	282	67.2	71.8	68.3 - 75.2		326	162	50.3	53.8	47.8 - 59.7		1,185	444	62.5	66.8	63.8 - 69.8			
N35 Greater Midlands CN	812	238	70.7	74.7	71.4 - 78.1		338	155	54.1	57.3	51.6 - 63.1		1,150	393	65.8	69.6	66.7 - 72.6			
N36 North of England CN	1,592	464	70.9	75.0	72.5 - 77.4		663	297	55.2	58.4	54.3 - 62.5		2,255	761	66.3	70.1	68.0 - 72.2			
N37 Anglia CN	1,533	477	68.9	73.4	70.9 - 75.9		594	260	56.2	59.9	55.6 - 64.2		2,127	737	65.4	69.6	67.4 - 71.8			
N38 Essex CN	1,031	297	71.2	75.7	72.7 - 78.7		398	177	55.5	59.4	54.1 - 64.8		1,429	474	66.8	71.2	68.6 - 73.9			
<b>England</b>	<b>25,962</b>	<b>7,064</b>	<b>72.8</b>	<b>77.4</b>	<b>76.8 - 78.0</b>		<b>10,272</b>	<b>4,216</b>	<b>59.0</b>	<b>62.7</b>	<b>61.7 - 63.7</b>		<b>36,234</b>	<b>11,280</b>	<b>68.9</b>	<b>73.2</b>	<b>72.7 - 73.8</b>			

Please note that a funnel plot is not included for bladder cancer due to changes in registry coding practice for these cancers when some formerly invasive categories became reclassified as noninvasive. Although this practice was introduced in 1999 it was adopted at varying times by different registries and this has resulted in variable reporting of survival for 2000-04 for different cancer networks.

## Trends in one year cancer survival, England, 1985-2004

### C69-C72: Eye, brain and other parts of central nervous system

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	8,871	5,163	41.8	42.7	41.7 - 43.8
1990-1994	9,910	5,642	43.1	44.1	43.1 - 45.1
1995-1999	10,465	6,035	42.3	43.3	42.4 - 44.3
2000-2004	11,041	6,402	42.0	43.1	42.1 - 44.1

Estimated change per 5-yr cohort (%): **0.0**  
P value: **0.992**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	6,826	3,788	44.5	45.2	44.0 - 46.5
1990-1994	7,645	4,117	46.1	47.0	45.8 - 48.2
1995-1999	8,093	4,591	43.3	44.1	43.0 - 45.3
2000-2004	8,245	4,742	42.5	43.5	42.4 - 44.6

Estimated change per 5-yr cohort (%): **-0.9**  
P value: **0.298**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

#### Persons

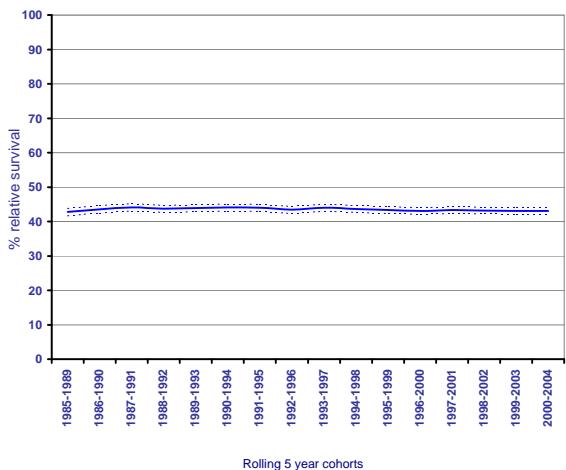
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	15,697	8,951	43.0	43.8	43.0 - 44.6
1990-1994	17,555	9,759	44.4	45.4	44.6 - 46.1
1995-1999	18,558	10,626	42.7	43.7	42.9 - 44.4
2000-2004	19,286	11,144	42.2	43.3	42.5 - 44.0

Estimated change per 5-yr cohort (%): **-0.4**  
P value: **0.487**

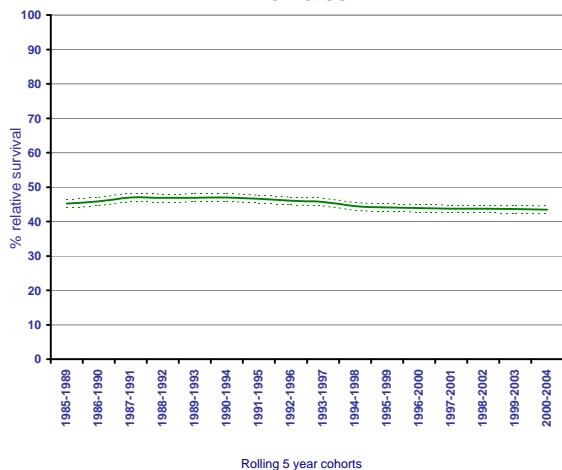
#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

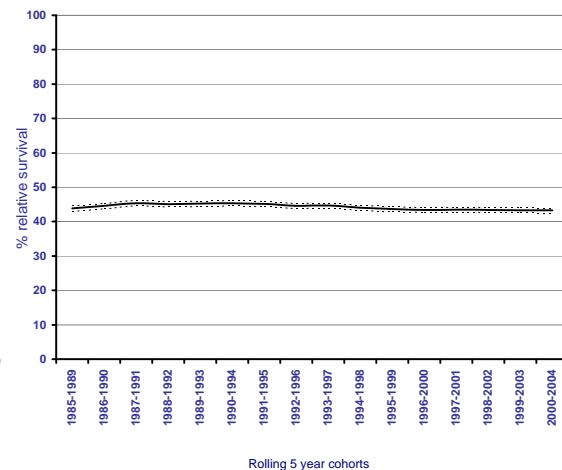
#### Males



#### Females



#### Persons



----- Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
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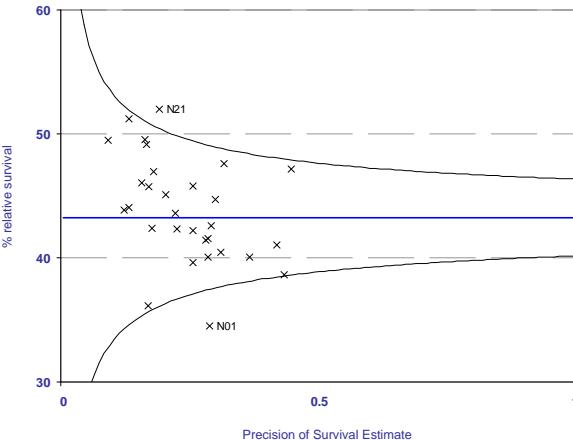
## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C69-C72: Eye, brain and other parts of central nervous system

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	412	271	34.2	35.2	30.4 - 40.0		293	197	32.8	33.5	27.9 - 39.1		705	468	33.6	34.5	30.8 - 38.1			
N02 Greater Manchester and Cheshire CN	606	367	39.4	40.5	36.5 - 44.6		506	326	35.6	36.4	32.1 - 40.8		1,112	693	37.7	38.7	35.7 - 41.6			
N03 Merseyside and Cheshire CN	458	273	40.4	41.5	36.8 - 46.2		353	218	38.2	39.1	33.8 - 44.4		811	491	39.5	40.4	36.9 - 44.0			
N06 Yorkshire CN	534	323	39.5	40.5	36.1 - 44.8		417	256	38.6	39.6	34.7 - 44.5		951	579	39.1	40.1	36.8 - 43.3			
N07 Humber and Yorkshire Coast CN	237	145	38.8	39.9	33.4 - 46.4		186	129	30.6	31.3	24.4 - 38.2		423	274	35.2	36.1	31.4 - 40.9			
N08 North Trent CN	428	259	39.5	40.6	35.8 - 45.5		326	190	41.7	42.7	37.1 - 48.3		764	449	40.5	41.5	37.9 - 45.2			
N11 Pan Birmingham CN	307	167	45.6	46.4	40.7 - 52.2		232	133	42.7	43.3	36.7 - 49.9		539	300	44.3	45.1	40.7 - 49.5			
N12 Arden CN	200	111	44.5	45.5	38.3 - 52.6		126	75	40.5	41.4	32.4 - 50.3		326	186	42.9	43.9	38.3 - 49.5			
N13 Mid Trent CN	359	224	37.6	38.6	33.3 - 43.8		304	183	39.8	40.8	35.0 - 46.5		663	407	38.6	39.6	35.7 - 43.5			
N14 Derby/Burton CN	144	75	47.9	49.0	40.5 - 57.5		104	53	49.0	50.1	40.1 - 60.2		248	128	48.4	49.5	43.0 - 55.9			
N15 Leics, Northants and Rutland CN	339	194	42.8	43.9	38.4 - 49.4		257	156	39.3	40.2	34.0 - 46.5		596	350	41.3	42.3	38.2 - 46.4			
N20 Mount Vernon CN	264	148	43.9	44.9	38.6 - 51.1		204	126	38.2	39.2	32.2 - 46.2		468	274	41.5	42.4	37.8 - 47.1			
N21 West London CN	309	159	48.5	49.5	43.7 - 55.3		207	94	54.6	55.8	48.7 - 62.8		516	253	51.0	52.0	47.5 - 56.5			
N22 North London CN	213	112	47.4	48.4	41.4 - 55.4		146	67	54.1	55.5	47.0 - 63.9		359	179	50.1	51.2	45.9 - 56.6			
N23 North East London CN	271	148	45.4	46.4	40.2 - 52.6		214	114	46.7	47.7	40.7 - 54.7		485	262	46.0	47.0	42.4 - 51.6			
N24 South East London CN	259	139	46.3	47.4	41.1 - 53.8		192	95	50.5	51.5	44.2 - 58.9		451	234	48.1	49.2	44.4 - 54.0			
N25 South West London CN	261	123	52.9	54.2	47.9 - 60.6		182	106	41.8	42.8	35.3 - 50.3		443	229	48.3	49.5	44.7 - 54.4			
N26 Peninsula CN	465	279	40.0	41.1	36.5 - 45.8		314	177	43.6	44.7	39.0 - 50.5		779	456	41.5	42.6	39.0 - 46.2			
N27 Dorset CN	195	116	40.5	41.7	34.5 - 48.9		160	87	45.6	47.0	38.9 - 55.1		355	203	42.8	44.1	38.7 - 49.5			
N28 Avon, Somerset and Wiltshire CN	490	269	45.1	46.3	41.7 - 50.9		369	190	48.5	49.4	44.1 - 54.7		859	459	46.6	47.6	44.1 - 51.1			
N29 3 Counties CN	235	137	41.7	42.9	36.3 - 49.5		190	97	48.9	49.8	42.4 - 57.2		425	234	44.9	46.0	41.1 - 51.0			
N30 Thames Valley CN	452	276	38.9	39.9	35.2 - 44.6		289	175	39.4	40.3	34.4 - 46.2		741	451	39.1	40.1	36.4 - 43.7			
N31 Central South Coast CN	466	280	39.9	41.0	36.3 - 45.6		339	174	48.7	49.9	44.3 - 55.4		805	454	43.6	44.7	41.1 - 48.3			
N32 Surrey, West Sussex and Hampshire CN	350	210	40.0	41.1	35.7 - 46.4		245	132	46.1	47.3	40.8 - 53.8		595	342	42.5	43.6	39.5 - 47.8			
N33 Sussex CN	255	148	42.0	43.3	36.9 - 49.7		209	110	47.4	48.7	41.6 - 55.8		464	258	44.4	45.7	41.0 - 50.5			
N34 Kent and Medway CN	382	224	41.4	42.5	37.3 - 47.7		297	176	40.7	41.8	35.9 - 47.6		679	400	41.1	42.2	38.3 - 46.1			
N35 Greater Midlands CN	403	217	46.2	47.2	42.1 - 52.2		283	161	43.1	43.9	37.9 - 49.9		686	378	44.9	45.8	41.9 - 49.7			
N36 North of England CN	703	374	46.8	47.9	44.0 - 51.7		505	277	45.1	46.2	41.7 - 50.7		1,208	651	46.1	47.2	44.2 - 50.1			
N37 Anglia CN	624	380	39.1	40.2	36.2 - 44.2		477	281	41.1	42.0	37.4 - 46.6		1,101	661	40.0	41.0	38.0 - 44.0			
N38 Essex CN	420	254	39.5	40.7	35.8 - 45.6		319	187	41.4	42.3	36.7 - 47.9		739	441	40.3	41.4	37.7 - 45.1			
England	11,041	6,402	42.0	43.1	42.1 - 44.1		8,245	4,742	42.5	43.5	42.4 - 44.6		19,286	11,144	42.2	43.3	42.5 - 44.0			

Overall England Survival Rate  
99.8% Control limits

Please note that the relative survival rates are not age standardised



Networks above 99.8% control limit:  
N21 West London

Networks below 99.8% control limit:  
N01 Lancashire and South Cumbria

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NHS  
Northern and  
Yorkshire  
Cancer Registry  
and Information Service

Trent NHS  
Cancer Registry

KING'S COLLEGE LONDON  
North West Cancer Intelligence Service

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Ireland Cancer Registries

## Trends in one year cancer survival, England, 1985-2004

### C81: Hodgkin disease

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	3,371	418	87.6	88.6	87.4 - 89.7
1990-1994	3,172	341	89.2	90.2	89.1 - 91.3
1995-1999	3,173	279	91.2	92.1	91.1 - 93.1
2000-2004	3,423	349	89.8	90.8	89.7 - 91.8

Estimated change per 5-yr cohort (%): **0.8**  
P value: **0.277**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

#### Females

Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
2,427	352	85.5	86.4	85.0 - 87.8
2,278	242	89.4	90.2	88.9 - 91.5
2,413	236	90.2	91.0	89.8 - 92.3
2,454	236	90.4	91.2	90.0 - 92.4

Estimated change per 5-yr cohort (%): **1.4**  
P value: **0.137**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

#### Persons

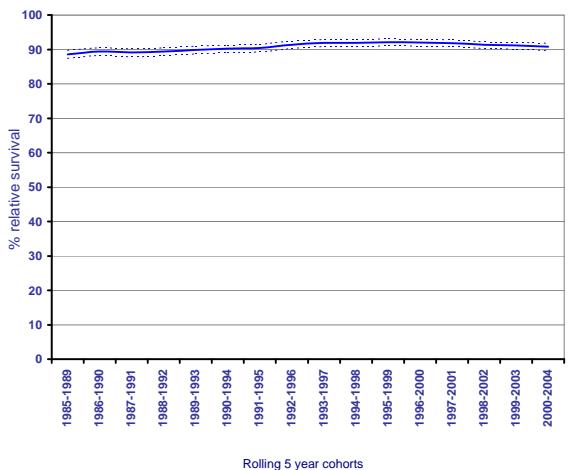
Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
5,798	770	86.7	87.7	86.8 - 88.6
5,450	583	89.3	90.2	89.4 - 91.1
5,586	515	90.8	91.6	90.8 - 92.4
5,877	585	90.0	91.0	90.2 - 91.7

Estimated change per 5-yr cohort (%): **1.1**  
P value: **0.177**

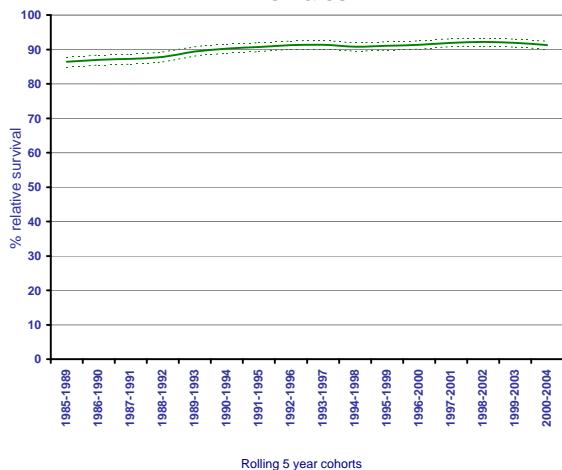
#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

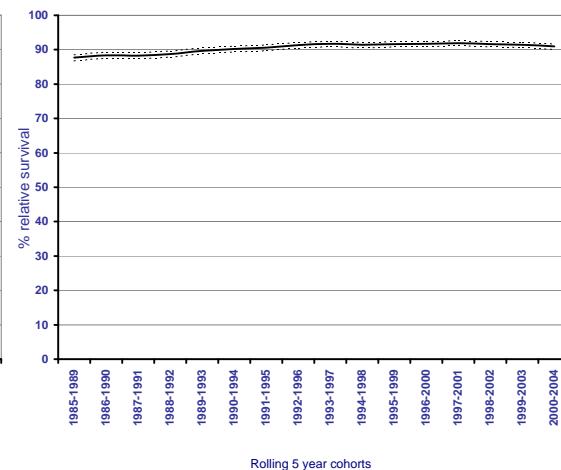
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

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Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry



KING'S  
LONDON  
North West Cancer Intelligence Service



NWCIS



West  
Midlands  
Cancer Intelligence Unit



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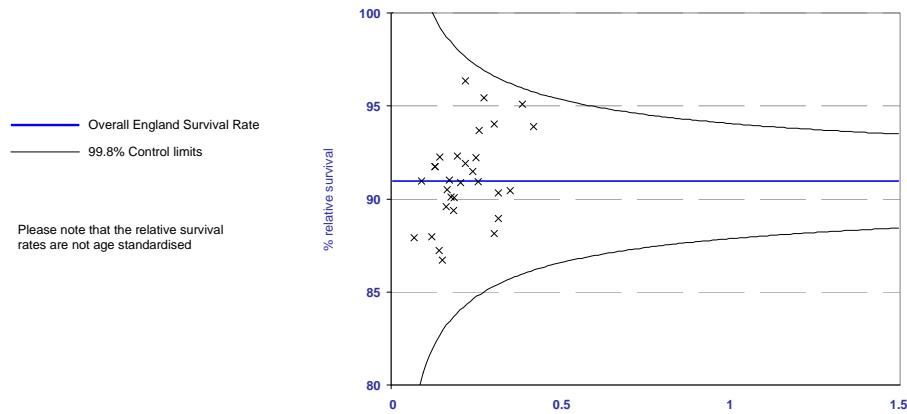


United Kingdom  
and Ireland  
Cancer Registries

## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C81: Hodgkin disease

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	110	12	89.1	89.8	83.8 - 95.8		78	8	89.7	90.5	83.5 - 97.4		188	20	89.4	90.1	85.5 - 94.6			
N02 Greater Manchester and Cheshire CN	214	29	86.4	87.4	82.7 - 92.2		133	7	94.7	95.4	91.5 - 99.2		347	36	89.6	90.5	87.2 - 93.8			
N03 Merseyside and Cheshire CN	82	8	90.2	91.3	84.7 - 98.0		82	9	89.0	89.7	82.7 - 96.6		164	17	89.6	90.5	85.7 - 95.3			
N06 Yorkshire CN	186	20	89.2	90.1	85.5 - 94.7		129	13	89.9	90.6	85.3 - 96.0		315	33	89.5	90.3	86.8 - 93.8			
N07 Humber and Yorkshire Coast CN	66	7	89.4	90.6	82.9 - 98.2		51	4	92.2	93.2	85.6 - 100.9		117	11	90.6	91.7	86.3 - 97.2			
N08 North Trent CN	121	12	90.1	91.0	85.5 - 96.5		79	11	86.1	86.9	79.0 - 94.8		200	23	88.5	89.4	84.8 - 93.9			
N11 Pan Birmingham CN	146	14	90.4	91.4	86.4 - 96.3		97	10	89.7	90.3	84.1 - 96.5		243	24	90.1	90.9	87.1 - 94.8			
N12 Arden CN	50	1	98.0	98.3	94.4 - 102.3		44	3	93.2	94.1	86.4 - 101.8		94	4	95.7	96.4	92.2 - 100.5			
N13 Mid Trent CN	105	17	83.8	84.9	77.6 - 92.1		75	8	89.3	90.6	83.3 - 97.8		180	25	86.1	87.2	82.0 - 92.5			
N14 Derby/Burton CN	48	5	89.6	90.1	81.2 - 98.9		35	3	91.4	92.3	82.7 - 101.8		83	8	90.4	91.0	84.5 - 97.5			
N15 Leics, Northants and Rutland CN	115	11	90.4	91.4	85.8 - 96.9		75	6	92.0	92.7	86.4 - 99.0		190	17	91.1	91.9	87.7 - 96.1			
N20 Mount Vernon CN	82	5	93.9	94.8	89.4 - 100.1		66	3	95.5	96.3	91.1 - 101.4		148	8	94.6	95.4	91.7 - 99.2			
N21 West London CN	111	8	92.8	93.4	88.4 - 98.3		92	9	90.2	90.8	84.5 - 97.0		203	17	91.6	92.2	88.3 - 96.1			
N22 North London CN	93	10	89.2	90.2	83.7 - 96.7		69	6	91.3	92.0	85.2 - 98.8		162	16	90.1	91.0	86.3 - 95.7			
N23 North East London CN	83	13	84.3	85.4	77.3 - 93.4		63	6	90.5	91.4	83.9 - 98.8		146	19	87.0	88.0	82.3 - 93.6			
N24 South East London CN	111	19	82.9	83.8	76.6 - 91.1		82	8	90.2	90.6	84.0 - 97.2		193	27	86.0	86.7	81.7 - 91.8			
N25 South West London CN	98	13	86.7	87.5	80.6 - 94.4		73	6	91.8	92.4	85.9 - 98.9		171	19	88.9	89.6	84.7 - 94.4			
N26 Peninsula CN	107	7	93.5	94.5	89.7 - 99.3		91	13	85.7	86.6	79.2 - 94.0		198	20	89.9	90.9	86.6 - 95.2			
N27 Dorset CN	50	6	88.0	89.7	80.4 - 99.1		38	6	84.2	85.5	73.5 - 97.6		88	12	86.4	87.9	80.5 - 95.4			
N28 Avon, Somerset and Wiltshire CN	136	13	90.4	91.4	86.3 - 96.5		90	9	90.0	91.6	85.1 - 98.0		226	22	90.3	91.5	87.5 - 95.5			
N29 3 Counties CN	64	4	93.8	94.6	88.5 - 100.7		60	7	88.3	89.8	81.3 - 98.2		124	11	91.1	92.3	87.1 - 97.4			
N30 Thames Valley CN	183	12	93.4	94.5	90.8 - 98.2		112	9	92.0	92.9	87.7 - 98.1		295	21	92.9	93.9	90.8 - 96.9			
N31 Central South Coast CN	129	5	96.1	97.4	93.9 - 100.8		104	9	91.3	92.3	86.7 - 97.9		233	14	94.0	95.1	91.9 - 98.2			
N32 Surrey, West Sussex and Hampshire CN	95	5	94.7	95.4	90.7 - 100.0		68	9	86.8	88.0	79.7 - 96.4		163	14	91.4	92.3	87.9 - 96.8			
N33 Sussex CN	80	11	86.3	87.6	79.8 - 95.4		37	0	100.0	100.7	100.7 - 100.7		117	11	90.6	91.7	86.3 - 97.2			
N34 Kent and Medway CN	115	15	87.0	88.3	81.9 - 94.7		68	5	92.6	93.2	86.9 - 99.6		183	20	89.1	90.1	85.5 - 94.8			
N35 Greater Midlands CN	119	12	89.9	90.9	85.3 - 96.5		86	2	97.7	98.3	95.1 - 101.6		205	14	93.2	94.0	90.5 - 97.6			
N36 North of England CN	195	23	88.2	89.0	84.3 - 93.6		157	19	87.9	88.9	83.7 - 94.2		352	42	88.1	89.0	85.5 - 92.4			
N37 Anglia CN	211	24	88.6	89.5	85.1 - 93.9		149	22	85.2	86.2	80.3 - 92.1		360	46	87.2	88.1	84.6 - 91.7			
N38 Essex CN	118	8	93.2	94.4	89.7 - 99.0		71	6	91.5	92.5	85.8 - 99.2		189	14	92.6	93.7	89.8 - 97.5			
England	3,423	349	89.8	90.8	89.7 - 91.8		2,454	236	90.4	91.2	90.0 - 92.4		5,877	585	90.0	91.0	90.2 - 91.7			



Networks above 99.8% control limit:  
None

Networks below 99.8% control limit:  
None

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
Northern and Yorkshire  
Cancer Registry and Information Service



Trent  
NHS  
Cancer Registry



KING'S  
LONDON



NWCIS  
North West Cancer Intelligence Service



ecric  
Fighting cancer with information



West  
Midlands  
Cancer Intelligence Unit



Office for  
National Statistics



CANCER  
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UK



United Kingdom  
Cancer  
Registries

## Trends in one year cancer survival, England, 1985-2004

### C82-C85: Non-Hodgkin lymphoma

#### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	11,128	3,998	64.1	<b>66.6</b>	65.6 - 67.5
1990-1994	13,129	4,545	65.4	<b>68.0</b>	67.1 - 68.8
1995-1999	17,230	5,576	67.6	<b>70.1</b>	69.4 - 70.9
2000-2004	19,034	5,670	70.2	<b>72.9</b>	72.2 - 73.6

Estimated change per 5-yr cohort (%): **2.2**  
P value: **0.010**

#### Notes on Trend

Estimated 2.2% change per 5 year cohort gives an estimated increase of 0.43% per annum.

#### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	10,048	3,623	63.9	<b>66.1</b>	65.1 - 67.1
1990-1994	11,448	3,923	65.7	<b>68.0</b>	67.1 - 68.9
1995-1999	15,210	4,942	67.5	<b>69.9</b>	69.1 - 70.7
2000-2004	16,827	5,009	70.2	<b>72.8</b>	72.0 - 73.5

Estimated change per 5-yr cohort (%): **2.2**  
P value: **0.006**

#### Notes on Trend

Estimated 2.2% change per 5 year cohort gives an estimated increase of 0.45% per annum.

#### Persons

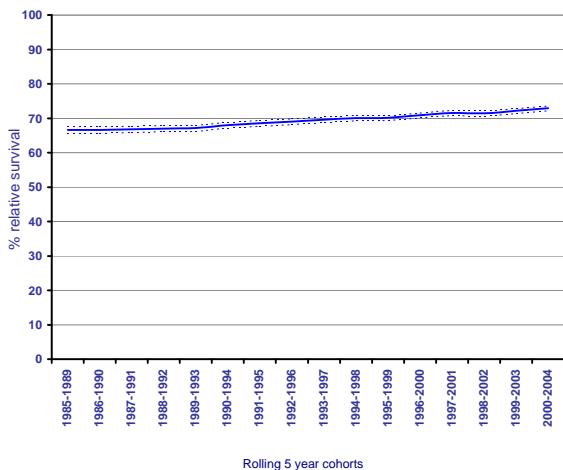
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	21,176	7,621	64.0	<b>66.4</b>	65.7 - 67.0
1990-1994	24,577	8,468	65.5	<b>68.0</b>	67.4 - 68.6
1995-1999	32,440	10,518	67.6	<b>70.0</b>	69.5 - 70.6
2000-2004	35,861	10,679	70.2	<b>72.8</b>	72.3 - 73.3

Estimated change per 5-yr cohort (%): **2.2**  
P value: **0.007**

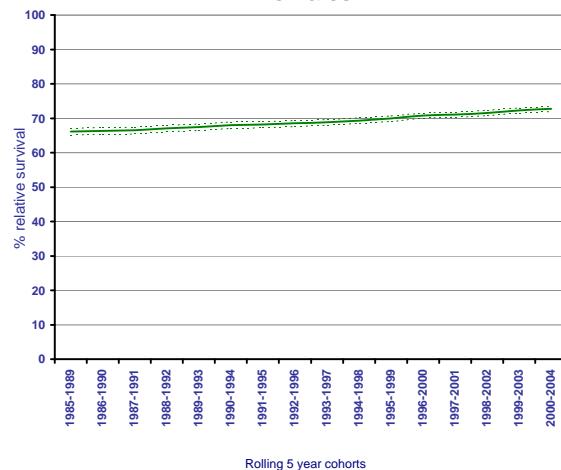
#### Notes on Trend

Estimated 2.2% change per 5 year cohort gives an estimated increase of 0.44% per annum.

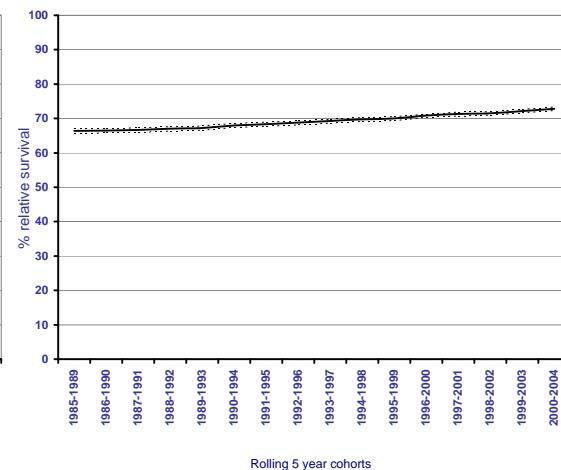
#### Males



#### Females



#### Persons



- - - Dotted lines show 95% confidence limits

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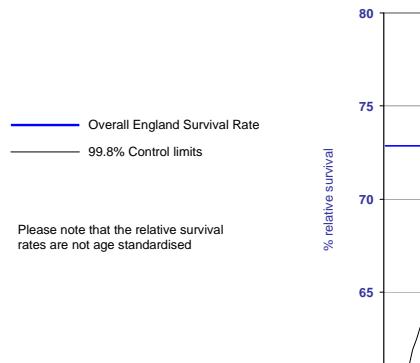
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C82-C85: Non-Hodgkin lymphoma

Cancer Network	Males					Females					Persons				
	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
N01 Lancashire and South Cumbria CN	594	190	68.0	70.7	66.7 - 74.7	551	172	68.8	71.2	67.1 - 75.3	1,145	362	68.4	70.9	68.1 - 73.8
N02 Greater Manchester and Cheshire CN	991	297	70.0	72.5	69.5 - 75.6	830	251	69.8	72.2	68.9 - 75.5	1,821	548	69.9	72.4	70.1 - 74.6
N03 Merseyside and Cheshire CN	657	178	72.9	75.5	71.9 - 79.1	608	170	72.0	74.4	70.6 - 78.1	1,265	348	72.5	74.9	72.3 - 77.5
N06 Yorkshire CN	838	248	70.4	73.2	69.9 - 76.5	750	208	72.3	74.8	71.4 - 78.2	1,588	456	71.3	73.9	71.6 - 76.3
N07 Humber and Yorkshire Coast CN	435	123	71.7	74.6	70.1 - 79.0	340	85	75.0	77.5	72.6 - 82.3	775	208	73.2	75.8	72.5 - 79.1
N08 North Trent CN	735	240	67.3	70.0	66.4 - 73.6	661	200	69.7	72.4	68.7 - 76.1	1,396	440	68.5	71.1	68.5 - 73.7
N11 Pan Birmingham CN	562	170	69.8	72.0	68.0 - 76.0	507	155	69.4	71.7	67.5 - 75.9	1,069	325	69.6	71.9	69.0 - 74.8
N12 Arden CN	343	77	77.6	80.2	75.5 - 84.9	295	88	70.2	72.5	67.0 - 78.0	638	165	74.1	76.6	73.1 - 80.2
N13 Mid Trent CN	609	183	70.0	72.8	68.9 - 76.8	575	191	66.8	69.4	65.3 - 73.5	1,184	374	68.4	71.1	68.3 - 73.9
N14 Derby/Burton CN	272	76	72.1	74.7	69.0 - 80.3	259	83	68.0	70.3	64.3 - 76.3	531	159	70.1	72.5	68.4 - 76.7
N15 Leics, Northants and Rutland CN	616	182	70.5	73.1	69.3 - 76.9	584	178	69.5	71.9	68.0 - 75.9	1,200	360	70.0	72.5	69.8 - 75.3
N20 Mount Vernon CN	395	134	66.1	68.5	63.6 - 73.4	351	120	65.8	68.3	63.0 - 73.5	746	254	66.0	68.4	64.8 - 72.0
N21 West London CN	545	160	70.6	72.9	68.9 - 77.0	445	138	69.0	71.2	66.7 - 75.8	990	298	69.9	72.2	69.2 - 75.2
N22 North London CN	401	117	70.8	73.3	68.6 - 78.0	402	136	66.2	68.5	63.6 - 73.4	803	253	68.5	70.9	67.5 - 74.3
N23 North East London CN	456	153	66.4	68.5	63.9 - 73.1	403	136	66.3	68.6	63.8 - 73.5	859	289	66.4	68.6	65.2 - 71.9
N24 South East London CN	541	155	71.3	73.5	69.5 - 77.6	420	128	69.5	72.0	67.3 - 76.6	961	283	70.6	72.9	69.8 - 75.9
N25 South West London CN	432	111	74.3	76.7	72.4 - 81.1	393	110	72.0	74.8	70.1 - 79.5	825	221	73.2	75.8	72.6 - 79.0
N26 Peninsula CN	896	249	72.2	75.3	72.2 - 78.4	773	205	73.5	76.1	72.8 - 79.4	1,669	454	72.8	75.7	73.4 - 78.0
N27 Dorset CN	443	151	65.9	69.5	64.7 - 74.2	331	87	73.7	76.9	71.9 - 82.0	774	238	69.3	72.7	69.2 - 76.2
N28 Avon, Somerset and Wiltshire CN	945	275	70.9	73.9	70.8 - 77.0	801	237	70.4	73.2	69.8 - 76.5	1,746	512	70.7	73.6	71.3 - 75.8
N29 3 Counties CN	431	136	68.4	71.2	66.5 - 75.8	379	106	72.0	74.2	69.5 - 79.0	810	242	70.1	72.6	69.3 - 75.9
N30 Thames Valley CN	896	262	70.8	73.5	70.3 - 76.6	776	203	73.8	76.5	73.2 - 79.7	1,672	465	72.2	74.9	72.6 - 77.1
N31 Central South Coast CN	913	220	75.9	78.7	75.8 - 81.7	827	205	75.2	78.1	75.0 - 81.2	1,740	425	75.6	78.4	76.3 - 80.6
N32 Surrey, West Sussex and Hampshire CN	565	163	71.2	73.8	69.8 - 77.7	498	152	69.5	72.4	68.1 - 76.7	1,063	315	70.4	73.1	70.2 - 76.0
N33 Sussex CN	457	144	68.5	71.4	66.9 - 76.0	436	144	67.0	70.1	65.4 - 74.8	893	288	67.7	70.8	67.5 - 74.0
N34 Kent and Medway CN	620	181	70.8	73.7	69.9 - 77.5	517	161	68.9	71.5	67.3 - 75.7	1,137	342	69.9	72.7	69.9 - 75.5
N35 Greater Midlands CN	650	194	70.2	72.7	69.0 - 76.4	576	190	67.0	69.3	65.3 - 73.4	1,226	384	68.7	71.1	68.4 - 73.9
N36 North of England CN	1,003	318	68.3	70.7	67.7 - 73.7	1,009	298	70.5	72.8	69.8 - 75.8	2,012	616	69.4	71.8	69.6 - 73.9
N37 Anglia CN	1,130	354	68.7	71.6	68.7 - 74.4	987	307	68.9	71.5	68.4 - 74.6	2,117	661	68.8	71.5	69.4 - 73.6
N38 Essex CN	663	229	65.5	68.1	64.3 - 72.0	543	165	69.6	72.2	68.1 - 76.2	1,206	394	67.3	70.0	67.1 - 72.8
<b>England</b>	<b>19,034</b>	<b>5,670</b>	<b>70.2</b>	<b>72.9</b>	<b>72.2 - 73.6</b>	<b>16,827</b>	<b>5,009</b>	<b>70.2</b>	<b>72.8</b>	<b>72.0 - 73.5</b>	<b>35,861</b>	<b>10,679</b>	<b>70.2</b>	<b>72.8</b>	<b>72.3 - 73.3</b>



Networks above 99.8% control limit:  
N31 Central South Coast

Networks below 99.8% control limit:  
None

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



## Trends in one year cancer survival, England, 1985-2004

C91-C95: Leukaemia

### Males

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	11,894	5,066	57.4	60.3	59.3 - 61.2
1990-1994	12,876	4,846	62.4	65.5	64.6 - 66.4
1995-1999	13,477	4,630	65.6	68.5	67.7 - 69.4
2000-2004	14,394	4,966	65.5	68.5	67.6 - 69.3

Estimated change per 5-yr cohort (%): **2.7**  
P value: **0.087**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

### Females

Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	9,745	4,431	54.5	56.9	55.8 - 57.9
1990-1994	9,909	4,028	59.4	61.9	60.9 - 63.0
1995-1999	10,525	4,009	61.9	64.6	63.6 - 65.5
2000-2004	10,593	4,054	61.7	64.5	63.5 - 65.5

Estimated change per 5-yr cohort (%): **2.5**  
P value: **0.091**

#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

### Persons

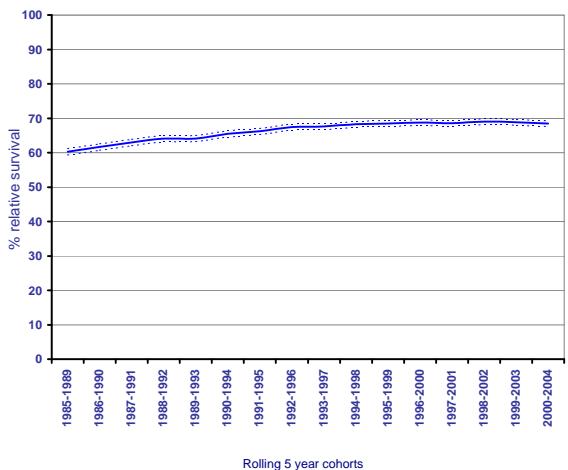
Years of diagnosis	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval
1985-1989	21,639	9,497	56.1	58.7	58.0 - 59.5
1990-1994	22,785	8,874	61.1	63.9	63.3 - 64.6
1995-1999	24,002	8,639	64.0	66.8	66.1 - 67.4
2000-2004	24,987	9,020	63.9	66.8	66.1 - 67.4

Estimated change per 5-yr cohort (%): **2.6**  
P value: **0.087**

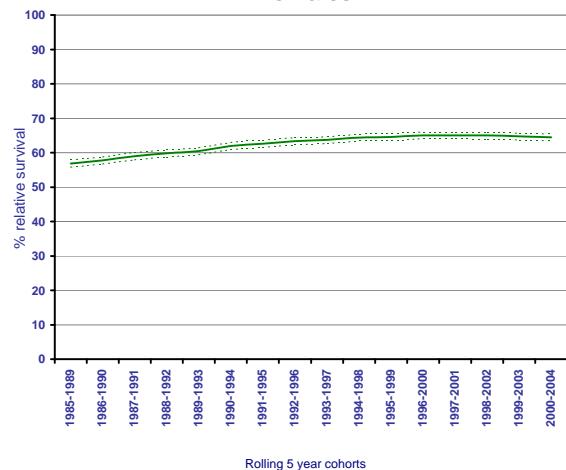
#### Notes on Trend

The regression test shows no statistically significant linear change in relative survival over all four time periods. There may, however, still be significant differences between one time period and another but these have not been specifically tested.

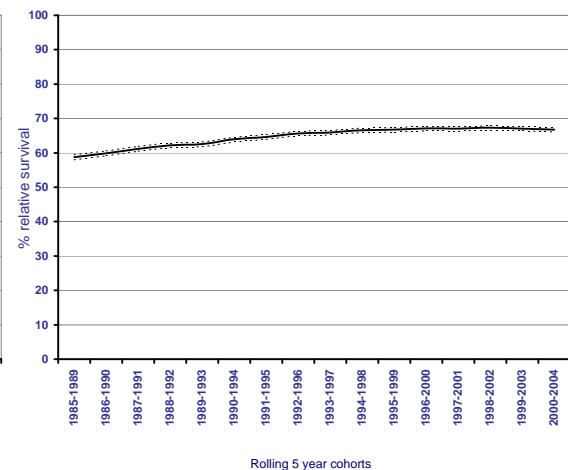
### Males



### Females



### Persons



- - - Dotted lines show 95% confidence limits

Version 1.1 (England) 25/09/2008

Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



NHS  
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Cancer Registry and Information Service



Trent  
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Cancer Registry

KING'S COLLEGE  
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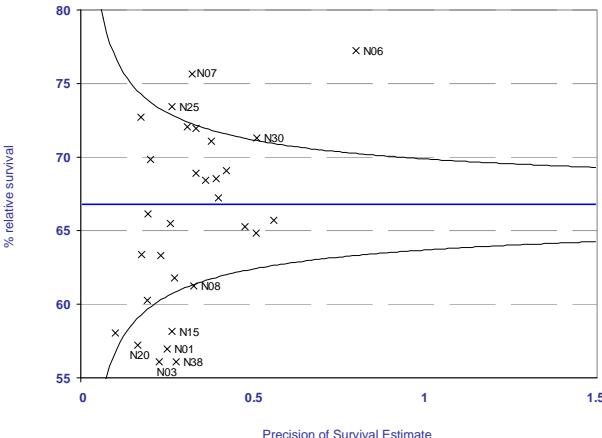
## One year cancer survival, by Cancer Network, England, for patients diagnosed 2000-2004

### C91-C95: Leukaemia

Males							Females							Persons						
Cancer Network	Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval		Number in Cohort	Cumulative Deaths	% Crude Survival	% Relative Survival	95% Confidence Interval			
N01 Lancashire and South Cumbria CN	395	172	56.5	59.2	53.9 -	64.4	315	152	51.7	54.2	48.3 -	60.1	710	324	54.4	57.0	53.0 -	60.9		
N02 Greater Manchester and Cheshire CN	737	268	63.6	66.5	62.8 -	70.2	522	202	61.3	63.7	59.2 -	68.1	1,259	470	62.7	65.3	62.5 -	68.1		
N03 Merseyside and Cheshire CN	379	159	58.0	60.3	55.0 -	65.6	260	135	48.1	50.0	43.5 -	56.4	639	294	54.0	56.1	52.0 -	60.2		
N06 Yorkshire CN	944	236	75.0	78.1	75.2 -	81.1	790	212	73.2	76.2	72.9 -	79.5	1,734	448	74.2	77.2	75.1 -	79.4		
N07 Humber and Yorkshire Coast CN	441	118	73.2	76.8	72.4 -	81.2	298	87	70.8	74.0	68.5 -	79.5	739	205	72.3	75.7	72.2 -	79.1		
N08 North Trent CN	528	200	62.1	65.0	60.5 -	69.4	379	176	53.6	56.1	50.7 -	61.4	907	376	58.5	61.2	57.8 -	64.7		
N11 Pan Birmingham CN	498	160	67.9	70.7	66.3 -	75.1	343	123	64.1	66.3	61.0 -	71.7	841	283	66.3	68.9	65.5 -	72.3		
N12 Arden CN	238	71	70.1	72.6	66.5 -	78.8	169	50	70.4	72.8	65.5 -	80.1	407	121	70.2	72.7	68.0 -	77.4		
N13 Mid Trent CN	447	169	62.2	64.9	60.1 -	69.7	305	139	54.4	57.2	51.2 -	63.1	752	308	59.0	61.8	58.0 -	65.5		
N14 Derby/Burton CN	170	68	60.0	62.6	54.8 -	70.5	109	56	48.6	50.9	40.9 -	60.9	279	124	55.6	58.0	51.8 -	64.3		
N15 Leics, Northants and Rutland CN	451	187	58.5	61.3	56.4 -	66.1	298	146	51.0	53.5	47.4 -	59.6	749	333	55.5	58.2	54.4 -	62.0		
N20 Mount Vernon CN	267	116	56.6	59.1	52.8 -	65.4	196	93	52.6	54.7	47.3 -	62.2	463	209	54.9	57.2	52.4 -	62.1		
N21 West London CN	361	136	62.3	64.6	59.3 -	69.9	254	103	59.4	61.5	55.1 -	67.8	615	239	61.1	63.3	59.2 -	67.4		
N22 North London CN	308	96	68.8	71.3	65.9 -	76.8	197	70	64.5	67.5	60.4 -	74.6	505	166	67.1	69.8	65.5 -	74.2		
N23 North East London CN	292	124	57.5	59.7	53.7 -	65.7	238	99	58.4	61.0	54.4 -	67.7	530	223	57.9	60.3	55.8 -	64.8		
N24 South East London CN	424	120	71.7	74.7	70.1 -	79.2	317	108	65.9	68.6	63.0 -	74.1	741	228	69.2	72.1	68.5 -	75.6		
N25 South West London CN	351	102	70.9	74.0	68.9 -	79.0	275	83	69.8	72.7	66.9 -	78.5	626	185	70.4	73.4	69.6 -	77.2		
N26 Peninsula CN	609	210	65.5	69.1	65.0 -	73.1	426	152	64.3	67.8	62.9 -	72.7	1,035	362	65.0	68.5	65.4 -	71.7		
N27 Dorset CN	283	113	60.1	64.5	58.2 -	70.7	222	92	58.6	61.9	54.9 -	68.9	505	205	59.4	63.4	58.7 -	68.0		
N28 Avon, Somerset and Wiltshire CN	621	198	68.1	71.9	67.9 -	75.8	480	180	62.5	65.5	60.8 -	70.1	1,101	378	65.7	69.1	66.1 -	72.1		
N29 3 Counties CN	284	98	65.5	68.7	62.8 -	74.6	239	95	60.3	63.2	56.5 -	69.8	523	193	63.1	66.2	61.7 -	70.6		
N30 Thames Valley CN	722	230	68.1	71.0	67.4 -	74.6	531	166	68.7	71.7	67.5 -	75.9	1,253	396	68.4	71.3	68.6 -	74.0		
N31 Central South Coast CN	609	219	64.0	67.5	63.4 -	71.6	458	167	63.5	66.8	62.1 -	71.6	1,067	386	63.8	67.2	64.1 -	70.3		
N32 Surrey, West Sussex and Hampshire CN	487	142	70.8	73.9	69.6 -	78.2	330	112	66.1	69.1	63.7 -	74.6	817	254	68.9	72.0	68.6 -	75.3		
N33 Sussex CN	392	148	62.2	65.6	60.4 -	70.7	317	121	61.8	65.4	59.6 -	71.1	709	269	62.1	65.5	61.6 -	69.3		
N34 Kent and Medway CN	539	171	68.3	71.4	67.2 -	75.6	397	153	61.5	64.3	59.2 -	69.5	936	324	65.4	68.4	65.2 -	71.7		
N35 Greater Midlands CN	525	159	69.7	72.4	68.2 -	76.5	393	130	66.9	69.4	64.5 -	74.4	918	289	68.5	71.1	67.9 -	74.3		
N36 North of England CN	761	274	64.0	66.7	63.1 -	70.4	594	238	59.9	62.4	58.2 -	66.6	1,355	512	62.2	64.8	62.1 -	67.6		
N37 Anglia CN	864	296	65.7	68.7	65.4 -	72.1	628	259	58.8	61.5	57.4 -	65.6	1,492	555	62.8	65.7	63.1 -	68.3		
N38 Essex CN	467	206	55.9	58.4	53.6 -	63.2	313	155	50.5	52.7	46.8 -	58.6	780	361	53.7	56.1	52.4 -	59.8		
<b>England</b>	<b>14,394</b>	<b>4,966</b>	<b>65.5</b>	<b>68.5</b>	<b>67.6 -</b>	<b>69.3</b>	<b>10,593</b>	<b>4,054</b>	<b>61.7</b>	<b>64.5</b>	<b>63.5 -</b>	<b>65.5</b>	<b>24,987</b>	<b>9,020</b>	<b>63.9</b>	<b>66.8</b>	<b>66.1 -</b>	<b>67.4</b>		

Overall England Survival Rate  
99.8% Control limits

Please note that the relative survival rates are not age standardised



#### Networks above 99.8% control limit:

N06 Yorkshire  
N07 Humber and Yorkshire Coast  
N25 South West London  
N30 Thames Valley

#### Networks below 99.8% control limit:

N01 Lancashire and South Cumbria  
N03 Merseyside and Cheshire  
N08 North Trent  
N15 Leics, Northants and Rutland  
N20 Mount Vernon  
N38 Essex

Version 1.1 (England) 25/09/2008  
Data Sources: UK Association of Cancer Registries - CIS accessed 2008 - (data extraction July 2007)  
Death registrations from ONS. Deaths up to and including 31/12/2005



# **NCIN core objectives**

Using information to improve quality and choice for cancer patients

- Promoting efficient and effective data collection throughout the cancer journey
- Providing a common national repository for cancer datasets
- Producing expert analyses, based on robust methodologies, to monitor patterns of cancer care
- Exploiting information to drive improvements in standards of cancer care and clinical outcomes
- Enabling use of cancer information to support audit and research programmes

## **Differences between publications:**

There are several variations in the methods used to calculate relative survival and often different criteria are used to determine which data to exclude. There are likely to be, therefore, relatively minor discrepancies between these and other analyses based on data from the same time period. Thus, results should not be compared between different publications unless it is clear that the methodologies employed are identical.

## **Glossary**

### **Cancer Network**

As of the date of publication, there are thirty different Cancer Networks in England which cover populations ranging between 700,000 and 3 million people. Cancer Networks bring together health service commissioners and providers, the voluntary sector and local authorities and coordinate services for patients across all aspects of care. It should be noted that very slight changes to some Cancer Network's boundaries have occurred since these data were collated.

### **Number in cohort**

The number of people in each cohort is the number of new registrations of cancer within each specified timeframe. Cases are excluded where the date of diagnoses is the same as the date of death, where cases have incomplete dates and where the patient is aged 99 years or over at diagnosis.

### **Cumulative deaths**

The number of people that are included within the cohort that have died within one year of the date of their cancer registration.

### **Crude Survival**

This is calculated by dividing the number of people who have survived for at least one year from diagnoses by the number in the cohort.

## Relative Survival

Relative survival takes into account the expected survival for those included within the cohort. It is the observed survival divided by the expected survival rate of a similar cohort of people in the general population, with respect to age, sex and year of diagnoses. In this publication the actuarial method is used to calculate relative survival.<sup>1</sup>

### 95% Confidence Interval (95% C.I.)

A 95% confidence interval around the relative survival estimate is given as a measure of uncertainty in the estimated rates. The upper and lower limits of the interval show how big a contribution chance may have made to a particular statistic. The 95% confidence intervals quoted give the range in which the rate in question would fall 19 times out of 20, were it possible to repeat the analysis.

### Precision of Survival estimate

The precision of the relative survival estimate is calculated as the inverse of the square of the standard error of the relative survival estimate.

### Estimated change per 5-yr cohort

A weighted ordinary least squares linear regression is used to estimate the average change from one cohort to the next. The weight used for each 5-yr cohort was the precision (see above) of the relative survival estimate for each cohort. This weighting was used to allow for any difference in the cohort sizes over time.

### Funnel plot

Funnel plots are created to compare the relative survival estimates for the 30 cancer networks with the overall relative survival rate for England. They show how the networks compare by looking at whether the relative survival rate is above, below or within the 99.8% control limits around the relative survival rate for England.

The relative survival estimates for each cancer network are plotted against the precision of the relative estimates (see above) for each network to take into account the varying sizes of the cohort for each of the cancer networks.

Only those networks whose relative survival estimates lie outside the control limits are highlighted because they appear to have statistically significantly different survival rates to that for England. These differences warrant further investigation. Networks whose relative survival rates are within the control limits are not identified because there is no statistically significant difference between their rates and the overall rate for England.

There may be some data quality issues that have affected relative survival rates within this publication, and it should be noted, in particular, that the rates are not age standardised.

Funnel plots are not appropriate when all of the relative survival estimates are very close to 0% or 100% due to problems with mapping the precision as well as the control limits around the England estimate.

For more information about funnel plots please see Spiegelhalter, DJ "Funnel plots for Comparing Institutional Performance" Statist. Med. 2005; 24: 1185-1202

Or Schulman, J, Spiegelhalter, DJ and Parry, G: "How to interpret your dot: decoding the message of clinical performance indicators" Journal of Perinatology 2008; 28; 588-596

For more definitions regarding cancer statistics please see <http://info.cancerresearchuk.org/utilities/glossary/>

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<sup>1</sup> D.M. Parkin and T. Hakulinen, pp159-176, Chapter 12 Analysis of Survival in Cancer Registration: Principles and Methods, IARC Scientific Publications No. 95, Lyon, 1991

