

Appendix B. Revised YLD, YLL and DALY estimates by sex, South Africa 2000

| | Males | | | Females | | | Persons | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| | YLD | YLL | DALY | YLD | YLL | DALY | YLD | YLL | DALY |
| Broad group | | | | | | | | | |
| I. Other communicable diseases, maternal, perinatal and nutritional conditions | 295,288 | 1,572,740 | 1,868,028 | 305,902 | 1,344,114 | 1,650,016 | 601,189 | 2,916,855 | 3,518,044 |
| HIV/AIDS | 550,424 | 1,720,866 | 2,271,290 | 710,427 | 2,022,136 | 2,732,562 | 1,260,851 | 3,743,002 | 5,003,852 |
| II. Non-communicable diseases | 1,367,806 | 1,245,530 | 2,613,336 | 1,546,601 | 1,192,635 | 2,739,236 | 2,914,407 | 2,438,165 | 5,352,572 |
| III. Injuries | 493,097 | 1,221,719 | 1,714,816 | 245,176 | 362,742 | 607,918 | 738,273 | 1,584,462 | 2,322,734 |
| Total | 2,706,615 | 5,760,856 | 8,467,470 | 2,808,105 | 4,921,628 | 7,729,733 | 5,514,720 | 10,682,483 | 16,197,203 |
| Disease category | | | | | | | | | |
| Infectious and parasitic excl HIV | 103,665 | 751,753 | 855,419 | 76,686 | 571,443 | 648,128 | 180,351 | 1,323,196 | 1,503,547 |
| Respiratory infections | 7,066 | 237,257 | 244,322 | 3,682 | 218,257 | 221,939 | 10,748 | 455,514 | 466,261 |
| Maternal conditions | - | - | - | 50,628 | 61,928 | 112,556 | 50,628 | 61,928 | 112,556 |
| Perinatal Conditions | 80,145 | 484,762 | 564,907 | 64,464 | 401,081 | 465,546 | 144,610 | 885,843 | 1,030,453 |
| Nutritional deficiencies | 104,411 | 98,968 | 203,379 | 110,442 | 91,405 | 201,847 | 214,853 | 190,373 | 405,226 |
| Malignant neoplasms | 6,463 | 238,629 | 245,092 | 14,737 | 241,215 | 255,952 | 21,201 | 479,843 | 501,044 |
| Benign neoplasms | - | 7,972 | 7,972 | - | 5,751 | 5,751 | - | 13,723 | 13,723 |
| Diabetes mellitus | 17,167 | 54,106 | 71,273 | 21,501 | 88,404 | 109,905 | 38,668 | 142,510 | 181,178 |
| Endocrine and metabolic | 22,790 | 18,709 | 41,499 | 46,286 | 21,141 | 67,427 | 69,076 | 39,849 | 108,926 |
| Neuropsychiatric conditions | 560,264 | 101,581 | 661,845 | 604,698 | 60,655 | 665,353 | 1,164,961 | 162,237 | 1,327,198 |
| Sense Organs | 164,837 | - | 164,837 | 196,855 | - | 196,855 | 361,692 | - | 361,692 |
| Cardiovascular disease | 51,701 | 433,357 | 485,058 | 57,066 | 478,655 | 535,721 | 108,767 | 912,012 | 1,020,779 |
| Respiratory disease | 218,406 | 149,546 | 367,952 | 250,259 | 106,770 | 357,029 | 468,665 | 256,316 | 724,981 |
| Diseases of digestive system | 87,291 | 115,240 | 202,531 | 96,813 | 77,036 | 173,849 | 184,104 | 192,276 | 376,380 |
| Genito-urinary diseases | 24,927 | 47,565 | 72,492 | 21,415 | 43,293 | 64,708 | 46,342 | 90,858 | 137,200 |
| Skin diseases | 19,546 | 323 | 19,869 | 13,488 | 465 | 13,953 | 33,034 | 788 | 33,822 |
| Musculo-skeletal diseases | 68,081 | 1,319 | 69,400 | 94,967 | 3,403 | 98,371 | 163,048 | 4,723 | 167,771 |
| Congenital abnormalities | 110,159 | 69,110 | 179,270 | 109,557 | 58,003 | 167,559 | 219,716 | 127,113 | 346,829 |
| Oral Conditions | 16,174 | - | 16,174 | 18,960 | - | 18,960 | 35,134 | - | 35,134 |
| Cot Death | - | 8,073 | 8,073 | - | 7,843 | 7,843 | - | 15,916 | 15,916 |
| Unintentional injuries | 316,580 | 474,190 | 790,770 | 131,669 | 217,614 | 349,283 | 448,249 | 691,804 | 1,140,053 |
| Intentional injuries | 176,517 | 747,529 | 924,046 | 113,507 | 145,129 | 258,636 | 290,024 | 892,658 | 1,182,682 |
| HIV/AIDS | 550,424 | 1,720,866 | 2,271,290 | 710,427 | 2,022,136 | 2,732,562 | 1,260,851 | 3,743,002 | 5,003,852 |
| TOTAL | 2,706,615 | 5,760,856 | 8,467,470 | 2,808,105 | 4,921,628 | 7,729,733 | 5,514,720 | 10,682,483 | 16,197,203 |

Appendix B. Revised YLD, YLL and DALY estimates by sex, South Africa 2000 continued/...

| Disease | Males | | | Females | | | Persons | | |
|--------------------------------------|---------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|
| | YLD | YLL | DALY | YLD | YLL | DALY | YLD | YLL | DALY |
| Tuberculosis | 7,552 | 364,805 | 372,357 | 3,859 | 223,640 | 227,500 | 11,411 | 588,446 | 599,857 |
| STD excl HIV | 12,253 | 5,071 | 17,325 | 22,866 | 8,438 | 31,305 | 35,120 | 13,509 | 48,629 |
| HIV/AIDS | 550,424 | 1,720,866 | 2,271,290 | 710,427 | 2,022,136 | 2,732,562 | 1,260,851 | 3,743,002 | 5,003,852 |
| Diarrhoeal diseases | 7,183 | 231,759 | 238,942 | 5,610 | 217,803 | 223,413 | 12,793 | 449,561 | 462,355 |
| Measles | 2 | 4,334 | 4,336 | 2 | 3,475 | 3,477 | 4 | 7,809 | 7,813 |
| Other childhood immunisable diseases | 2,215 | 1,139 | 3,354 | 2,212 | 1,032 | 3,244 | 4,427 | 2,171 | 6,598 |
| Bacterial meningitis | 2,244 | 54,557 | 56,801 | 2,039 | 37,466 | 39,505 | 4,283 | 92,023 | 96,306 |
| Hepatitis | 94 | 6,316 | 6,410 | 46 | 4,518 | 4,563 | 139 | 10,834 | 10,973 |
| Malaria | 182 | 14,541 | 14,723 | 87 | 6,688 | 6,775 | 268 | 21,230 | 21,498 |
| Tropical cluster disease | 48,155 | 179 | 48,333 | 12,747 | 267 | 13,013 | 60,901 | 445 | 61,346 |
| Leprosy | 101 | 129 | 231 | 64 | 63 | 127 | 165 | 192 | 357 |
| Intestinal parasites | 5,508 | 905 | 6,413 | 3,448 | 707 | 4,155 | 8,956 | 1,612 | 10,568 |
| Other infectious and parasitic | 18,177 | 68,019 | 86,195 | 23,706 | 67,346 | 91,052 | 41,882 | 135,364 | 177,247 |
| Lower respiratory infections | 3,305 | 233,286 | 236,591 | 1,516 | 215,117 | 216,634 | 4,821 | 448,403 | 453,224 |
| Upper respiratory infections | 1,309 | 3,470 | 4,779 | 962 | 2,780 | 3,742 | 2,271 | 6,250 | 8,521 |
| Otitis media | 2,452 | 501 | 2,953 | 1,204 | 360 | 1,564 | 3,656 | 861 | 4,517 |
| Maternal haemorrhage | - | - | - | 172 | 12,507 | 12,679 | 172 | 12,507 | 12,679 |
| Maternal sepsis | - | - | - | 1,604 | 5,198 | 6,802 | 1,604 | 5,198 | 6,802 |
| Hypertensive disorders | - | - | - | - | 16,751 | 16,751 | - | 16,751 | 16,751 |
| Obstructed labour | - | - | - | 7,291 | 238 | 7,530 | 7,291 | 238 | 7,530 |
| Abortion | - | - | - | 15,860 | 12,229 | 28,089 | 15,860 | 12,229 | 28,089 |
| Other maternal | - | - | - | 25,701 | 15,004 | 40,705 | 25,701 | 15,004 | 40,705 |
| Low birth weight | 15,377 | 207,578 | 222,955 | 13,340 | 176,942 | 190,282 | 28,717 | 384,520 | 413,237 |
| Birth asphyxia and birth trauma | 64,768 | 47,285 | 112,053 | 51,125 | 36,369 | 87,494 | 115,893 | 83,654 | 199,547 |
| Other perinatal | - | 229,900 | 229,900 | - | 187,770 | 187,770 | - | 417,670 | 417,670 |
| Protein-energy malnutrition | 18,946 | 92,167 | 111,113 | 25,762 | 78,379 | 104,141 | 44,708 | 170,546 | 215,254 |
| Iron deficiency anaemia | 34,194 | - | 34,194 | 54,597 | - | 54,597 | 88,791 | - | 88,791 |
| Vitamin A deficiency | 248 | 4 | 252 | 314 | 74 | 388 | 562 | 79 | 640 |
| Other nutritional deficiencies | 51,023 | 6,797 | 57,821 | 29,768 | 12,952 | 42,720 | 80,792 | 19,749 | 100,541 |
| Mouth and oropharynx cancers | 575 | 11,757 | 12,332 | 192 | 4,594 | 4,786 | 767 | 16,351 | 17,118 |
| Oesophagus cancer | 621 | 39,602 | 40,223 | 310 | 22,552 | 22,862 | 931 | 62,154 | 63,086 |
| Stomach cancer | 255 | 14,734 | 14,988 | 181 | 9,549 | 9,730 | 435 | 24,283 | 24,718 |
| Colon and rectum cancers | 559 | 11,149 | 11,708 | 893 | 11,886 | 12,779 | 1,452 | 23,035 | 24,487 |
| Liver cancer | 232 | 21,781 | 22,013 | 139 | 11,160 | 11,299 | 371 | 32,941 | 33,311 |
| Pancreas cancer | 169 | 8,102 | 8,270 | 146 | 6,693 | 6,839 | 315 | 14,794 | 15,109 |
| Trachea, bronchus, lung cancers | 1,307 | 48,610 | 49,917 | 799 | 22,948 | 23,747 | 2,107 | 71,558 | 73,665 |
| Melanoma and other skin cancers | 64 | 5,376 | 5,440 | 56 | 3,586 | 3,642 | 120 | 8,962 | 9,082 |
| Breast cancer | - | 492 | 492 | 3,024 | 38,335 | 41,358 | 3,024 | 38,827 | 41,851 |
| Cervix uteri cancer | - | - | - | 4,327 | 49,653 | 53,980 | 4,327 | 49,653 | 53,980 |
| Corpus uteri cancer | - | - | - | 2,123 | 6,603 | 8,725 | 2,123 | 6,603 | 8,725 |
| Ovary cancer | - | - | - | 784 | 8,563 | 9,347 | 784 | 8,563 | 9,347 |
| Prostate cancer | 816 | 13,478 | 14,294 | - | - | - | 816 | 13,478 | 14,294 |
| Bladder cancer | 698 | 3,415 | 4,114 | 436 | 1,989 | 2,425 | 1,135 | 5,404 | 6,539 |
| Kidney cancer | 150 | 3,575 | 3,725 | 193 | 2,751 | 2,944 | 343 | 6,326 | 6,669 |
| Other malignant neoplasms | 1,016 | 56,558 | 57,574 | 1,134 | 40,354 | 41,487 | 2,150 | 96,912 | 99,062 |
| Benign neoplasms | - | 7,972 | 7,972 | - | 5,751 | 5,751 | - | 13,723 | 13,723 |

Appendix B. Revised YLD, YLL and DALY estimates by sex, South Africa 2000 continued/...

| Disease | Males | | | Females | | | Persons | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | YLD | YLL | DALY | YLD | YLL | DALY | YLD | YLL | DALY |
| Diabetes mellitus | 17,167 | 54,106 | 71,273 | 21,501 | 88,404 | 109,905 | 38,668 | 142,510 | 181,178 |
| Albinism | - | - | - | - | - | - | - | - | - |
| Other endocrine and metabolic | 22,790 | 18,709 | 41,499 | 46,286 | 21,141 | 67,427 | 69,076 | 39,849 | 108,926 |
| Alcohol dependence | 106,973 | 9,578 | 116,551 | 46,536 | 3,563 | 50,099 | 153,509 | 13,140 | 166,650 |
| Drug use disorders | 63,000 | 213 | 63,213 | 22,500 | 20 | 22,521 | 85,500 | 234 | 85,734 |
| Schizophrenia | 52,917 | - | 52,917 | 61,565 | - | 61,565 | 114,482 | - | 114,482 |
| Unipolar depressive disorders | 118,335 | - | 118,335 | 200,629 | - | 200,629 | 318,964 | - | 318,964 |
| Bipolar disorder | 58,080 | - | 58,080 | 58,725 | - | 58,725 | 116,806 | - | 116,806 |
| Obsessive-compulsive disorder | 23,574 | - | 23,574 | 30,994 | - | 30,994 | 54,569 | - | 54,569 |
| Panic disorder | 17,107 | - | 17,107 | 35,907 | - | 35,907 | 53,014 | - | 53,014 |
| Post-traumatic stress disorder | 6,039 | - | 6,039 | 17,686 | - | 17,686 | 23,724 | - | 23,724 |
| Mental retardation, lead-caused | 21,608 | - | 21,608 | 22,378 | - | 22,378 | 43,986 | - | 43,986 |
| Alzheimer and other dementias* | 21,462 | 3,245 | 24,707 | 30,882 | 3,520 | 34,402 | 52,344 | 6,765 | 59,109 |
| Parkinson disease | 4,829 | 1,514 | 6,343 | 3,151 | 1,312 | 4,463 | 7,980 | 2,826 | 10,806 |
| Multiple sclerosis | 1,816 | 188 | 2,004 | 4,037 | 658 | 4,695 | 5,853 | 846 | 6,699 |
| Epilepsy | 22,297 | 47,778 | 70,075 | 22,853 | 26,287 | 49,140 | 45,150 | 74,065 | 119,214 |
| Other neuropsychiatric disorders | 42,227 | 39,065 | 81,292 | 46,853 | 25,296 | 72,149 | 89,081 | 64,361 | 153,442 |
| Glaucoma | 9,678 | - | 9,678 | 18,678 | - | 18,678 | 28,356 | - | 28,356 |
| Cataracts | 65,546 | - | 65,546 | 80,590 | - | 80,590 | 146,137 | - | 146,137 |
| Vision disorders, age-related | 7,218 | - | 7,218 | 15,073 | - | 15,073 | 22,290 | - | 22,290 |
| Hearing loss, adult onset | 82,395 | - | 82,395 | 82,513 | - | 82,513 | 164,908 | - | 164,908 |
| Other sense organ disorders | - | - | - | - | - | - | - | - | - |
| Rheumatic heart disease | 2,974 | 14,234 | 17,208 | 2,048 | 24,246 | 26,294 | 5,022 | 38,480 | 43,501 |
| Hypertensive heart disease | 1,569 | 51,226 | 52,796 | 2,106 | 90,798 | 92,903 | 3,675 | 142,024 | 145,699 |
| Ischaemic heart disease | 10,913 | 158,497 | 169,409 | 10,222 | 113,346 | 123,568 | 21,135 | 271,843 | 292,978 |
| Stroke | 17,398 | 136,185 | 153,583 | 22,591 | 176,422 | 199,013 | 39,989 | 312,607 | 352,596 |
| Inflammatory heart diseases | 11,884 | 37,299 | 49,183 | 10,305 | 34,329 | 44,633 | 22,189 | 71,628 | 93,816 |
| Other cardiovascular diseases | 6,963 | 35,916 | 42,879 | 9,795 | 39,516 | 49,310 | 16,757 | 75,432 | 92,189 |
| Chronic obstructive pulmonary disease | 19,137 | 67,863 | 87,000 | 6,264 | 40,747 | 47,012 | 25,401 | 108,611 | 134,012 |
| Asthma | 110,028 | 47,241 | 157,269 | 159,910 | 44,211 | 204,121 | 269,938 | 91,453 | 361,390 |
| Other respiratory | 89,242 | 34,442 | 123,683 | 84,085 | 21,811 | 105,895 | 173,326 | 56,252 | 229,579 |
| Peptic ulcer disease | 5,480 | 12,958 | 18,437 | 8,595 | 9,026 | 17,621 | 14,075 | 21,983 | 36,058 |
| Cirrhosis of the liver | 9,717 | 52,946 | 62,663 | 6,046 | 31,591 | 37,637 | 15,762 | 84,537 | 100,300 |
| Appendicitis | 196 | 1,289 | 1,485 | 314 | 1,054 | 1,368 | 510 | 2,342 | 2,852 |
| Other digestive | 71,898 | 48,048 | 119,946 | 81,858 | 35,366 | 117,223 | 153,756 | 83,413 | 237,169 |
| Nephritis and nephrosis | 4,399 | 43,399 | 47,798 | 4,821 | 39,357 | 44,178 | 9,219 | 82,756 | 91,975 |
| Benign prostatic hypertrophy | 12,504 | 699 | 13,203 | - | - | - | 12,504 | 699 | 13,203 |
| Other genito-urinary | 8,025 | 3,467 | 11,492 | 16,594 | 3,936 | 20,530 | 24,619 | 7,403 | 32,022 |
| Skin disease | 19,546 | 323 | 19,869 | 13,488 | 465 | 13,953 | 33,034 | 788 | 33,822 |
| Rheumatoid arthritis | 7,455 | 78 | 7,533 | 13,313 | 255 | 13,568 | 20,768 | 333 | 21,101 |
| Osteoarthritis | 43,581 | - | 43,581 | 68,140 | 6 | 68,146 | 111,721 | 6 | 111,727 |
| Other musculo-skeletal | 17,044 | 1,241 | 18,286 | 13,514 | 3,143 | 16,657 | 30,559 | 4,384 | 34,943 |
| Neural tube defects | 12,562 | 21,118 | 33,680 | 12,196 | 16,651 | 28,847 | 24,757 | 37,770 | 62,527 |
| Cleft lip/palate | 828 | 278 | 1,106 | 835 | 460 | 1,295 | 1,662 | 738 | 2,401 |
| Congenital heart disease | 12,862 | 24,271 | 37,133 | 12,487 | 21,442 | 33,929 | 25,349 | 45,713 | 71,062 |
| Congenital disorders of GIT | 0 | 7,287 | 7,287 | 0 | 5,611 | 5,611 | 0 | 12,898 | 12,898 |
| Down syndrome and other chromosomal anomalies | 17,793 | 7,490 | 25,283 | 17,275 | 8,076 | 25,352 | 35,068 | 15,566 | 50,635 |

Appendix B. Revised YLD, YLL and DALY estimates by sex, South Africa 2000 continued/...

| Disease | Males | | | Females | | | Persons | | |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| | YLD | YLL | DALY | YLD | YLL | DALY | YLD | YLL | DALY |
| Foetal alcohol syndrome | 31,181 | - | 31,181 | 31,285 | - | 31,285 | 62,466 | - | 62,466 |
| Other congenital abnormalities | 34,934 | 8,665 | 43,599 | 35,479 | 5,762 | 41,242 | 70,413 | 14,428 | 84,841 |
| Dental caries | 11,618 | - | 11,618 | 12,235 | - | 12,235 | 23,852 | - | 23,852 |
| Periodontal Disease | 1,191 | - | 1,191 | 1,307 | - | 1,307 | 2,498 | - | 2,498 |
| Other oral health | 3,365 | - | 3,365 | 5,418 | - | 5,418 | 8,783 | - | 8,783 |
| Cot death | - | 8,073 | 8,073 | - | 7,843 | 7,843 | - | 15,916 | 15,916 |
| Road traffic accidents | 53,171 | 293,708 | 346,879 | 25,394 | 119,556 | 144,950 | 78,566 | 413,263 | 491,829 |
| Other transport accidents | 523 | 20,567 | 21,090 | - | 5,551 | 5,551 | 523 | 26,118 | 26,641 |
| Falls | 74,808 | 13,625 | 88,433 | 48,188 | 5,977 | 54,164 | 122,996 | 19,602 | 142,597 |
| Fires | 23,191 | 63,285 | 86,476 | 10,597 | 45,557 | 56,154 | 33,788 | 108,842 | 142,630 |
| Other unintentional | 164,886 | 83,006 | 247,892 | 47,490 | 40,973 | 88,463 | 212,376 | 123,979 | 336,355 |
| Suicide and self-inflicted injuries | 72 | 104,833 | 104,905 | 115 | 30,600 | 30,716 | 187 | 135,434 | 135,621 |
| Interpersonal violence | 176,445 | 642,696 | 819,141 | 113,392 | 114,528 | 227,920 | 289,837 | 757,224 | 1,047,061 |
| Legal intervention and war | - | - | - | - | - | - | - | - | - |
| TOTAL | 2,706,614 | 5,760,856 | 8,467,470 | 2,808,105 | 4,921,628 | 7,729,733 | 5,514,720 | 10,682,483 | 16,197,203 |