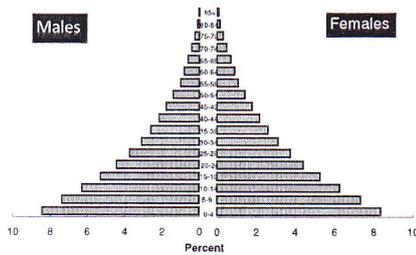


## Madagascar

### Population 2004 (in thousands)

Age	Male	Female	Total
0-29	6,436	6,427	12,862
30-44	1,419	1,437	2,855
45-59	756	782	1,538
60-69	258	290	548
70-79	120	144	264
80+	29	39	67
<b>Total</b>	<b>9,017</b>	<b>9,118</b>	<b>18,135</b>

### Population Pyramid



### Highlights:

- The death rate from non-communicable diseases (1065 per 100,000 population) was about 2.5 times that for communicable diseases (431 per 100,000). Tobacco was responsible for 3% of all NCDs compared with 1% of all communicable disease related deaths.

- Within the non-communicable disease group, ischaemic heart disease accounted for 148 deaths per 100,000 population aged 30 years and over, with 2% of these deaths attributed to tobacco. Cancer of the trachea, bronchus and lung accounted for 9 deaths per 100,000 population but with 33% of these deaths attributed to tobacco.

- Within the communicable disease group, deaths attributed to tobacco accounted for 2% of all lower respiratory infection deaths and 1% of all tuberculosis deaths.

- The death rate due to tobacco in men was (64 per 100,000 men aged 30 years and over) compared with women (0 per 100,000 women aged 30 years and over). The proportion of deaths attributable to tobacco was almost 4% for men and 0% for women.

## WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

Cause of death	Both sexes					Total for ages 30 & over
	30-44	45-59	60-69	70-79	80+	
<b>Death rate: ALL CAUSES</b>	500	1,256	3,290	7,732	17,783	1,593
Death rate attributable to tobacco	-	29	104	160	338	32
Proportion of deaths attributable to tobacco (%)	-	2	3	2	2	2
<b>Death rate: Communicable diseases</b>	207	414	852	1,488	2,764	431
Death rate attributable to tobacco	-	4	13	16	42	4
Proportion of deaths attributable to tobacco (%)	-	1	2	1	2	1
<b>Death rate: Tuberculosis</b>	72	83	113	141	119	84
Death rate attributable to tobacco	-	1	2	2	3	1
Proportion of deaths attributable to tobacco (%)	-	2	2	1	2	1
<b>Death rate: Lower respiratory infections</b>	26	141	406	774	1,637	157
Death rate attributable to tobacco	-	3	11	14	39	3
Proportion of deaths attributable to tobacco (%)	-	2	3	2	2	2
<b>Death rate: Noncommunicable diseases</b>	217	748	2,306	6,033	14,734	1,065
Death rate attributable to tobacco	-	25	91	144	296	28
Proportion of deaths attributable to tobacco (%)	-	3	4	2	2	3
<b>Death rate: All malignant neoplasms</b>	34	162	474	1,093	1,998	195
Death rate attributable to tobacco	-	8	35	55	120	10
Proportion of deaths attributable to tobacco (%)	-	5	7	5	6	5
<b>Death rate: Trachea, bronchus, lung cancers</b>	1	7	26	46	63	9
Death rate attributable to tobacco	-	2	11	15	27	3
Proportion of deaths attributable to tobacco (%)	-	26	41	34	42	33
<b>Death rate: All other malignant neoplasms</b>	33	154	448	1,047	1,935	187
Death rate attributable to tobacco	-	6	24	40	93	7
Proportion of deaths attributable to tobacco (%)	-	4	5	4	5	4
<b>Death rate: All Cardiovascular diseases</b>	72	302	1,019	2,965	8,218	486
Death rate attributable to tobacco	-	11	21	21	11	7
Proportion of deaths attributable to tobacco (%)	-	4	2	1	0	1
<b>Death rate: Ischaemic heart disease</b>	13	100	371	928	2,073	148
Death rate attributable to tobacco	-	4	9	8	3	3
Proportion of deaths attributable to tobacco (%)	-	4	2	1	0	2
<b>Death rate: Cerebrovascular disease</b>	29	113	375	1,092	2,885	179
Death rate attributable to tobacco	-	4	7	6	3	2
Proportion of deaths attributable to tobacco (%)	-	3	2	1	0	1
<b>Death rate: Other cardiovascular diseases</b>	30	89	273	946	3,259	159
Death rate attributable to tobacco	-	3	6	7	5	2
Proportion of deaths attributable to tobacco (%)	-	3	2	1	0	1
<b>Death rate: Respiratory diseases</b>	28	84	269	657	1,404	118
Death rate attributable to tobacco	-	7	33	65	159	11
Proportion of deaths attributable to tobacco (%)	-	8	12	10	11	9
<b>Death rate: Chronic obstructive pulmonary disease</b>	6	33	133	338	657	52
Death rate attributable to tobacco	-	6	30	59	142	10
Proportion of deaths attributable to tobacco (%)	-	18	23	17	22	19
<b>Death rate: Other respiratory diseases</b>	22	51	136	319	747	67
Death rate attributable to tobacco	-	1	3	6	17	1
Proportion of deaths attributable to tobacco (%)	-	2	2	2	2	2

Note 1: The total death rates are crude rates, and not standardized therefore cannot be used for comparison between countries/regions.

Note 2: The estimates above are based on SIR method (see Technical Note), some countries have used other methods which can produce somewhat different but equally valid estimates.

## WHO estimated death rates (per 100,000) and proportion attributable to tobacco, 2004

Cause of death	Men					Total for ages 30 & over	Women					Total for ages 30 & over
	30-44	45-59	60-69	70-79	80+		30-44	45-59	60-69	70-79	80+	
<b>Death rate: ALL CAUSES</b>	564	1,487	3,834	8,501	18,985	1,734	437	1,033	2,805	7,088	16,895	1,457
Death rate attributable to tobacco	-	60	220	345	796	64	-	-	-	5	-	0
Proportion of deaths attributable to tobacco (%)	-	4	6	4	4	4	-	-	-	0	-	0
<b>Death rate: Communicable diseases</b>	231	541	1,130	1,846	3,235	520	183	291	605	1,189	2,416	345
Death rate attributable to tobacco	-	8	28	35	99	8	-	-	-	0	-	0
Proportion of deaths attributable to tobacco (%)	-	2	2	2	3	2	-	-	-	0	-	0
<b>Death rate: Tuberculosis</b>	103	126	163	207	186	121	41	42	68	87	69	47
Death rate attributable to tobacco	-	3	5	4	6	2	-	-	-	0	-	0
Proportion of deaths attributable to tobacco (%)	-	2	3	2	3	1	-	-	-	0	-	0
<b>Death rate: Lower respiratory infections</b>	40	179	562	990	1,947	199	12	104	267	592	1,408	117
Death rate attributable to tobacco	-	5	23	31	92	6	-	-	-	0	-	0
Proportion of deaths attributable to tobacco (%)	-	3	4	3	5	3	-	-	-	0	-	0
<b>Death rate: Noncommunicable diseases</b>	219	803	2,526	6,360	15,424	1,075	215	694	2,110	5,759	14,224	1,056
Death rate attributable to tobacco	-	52	192	310	697	56	-	-	-	4	-	0
Proportion of deaths attributable to tobacco (%)	-	6	8	5	5	5	-	-	-	0	-	0
<b>Death rate: All malignant neoplasms</b>	27	161	544	1,333	2,745	209	41	162	411	892	1,446	182
Death rate attributable to tobacco	-	15	74	120	283	21	-	-	-	1	-	0
Proportion of deaths attributable to tobacco (%)	-	9	14	9	10	10	-	-	-	0	-	0
<b>Death rate: Trachea, bronchus, lung cancers</b>	1	11	40	65	105	12	1	4	14	30	32	5
Death rate attributable to tobacco	-	4	23	34	63	6	-	-	-	0	-	0
Proportion of deaths attributable to tobacco (%)	-	36	57	52	60	48	-	-	-	1	-	0
<b>Death rate: All other malignant neoplasms</b>	26	150	504	1,268	2,639	197	40	158	397	862	1,414	177
Death rate attributable to tobacco	-	11	51	87	220	15	-	-	-	1	-	0
Proportion of deaths attributable to tobacco (%)	-	8	10	7	8	8	-	-	-	0	-	0
<b>Death rate: All Cardiovascular diseases</b>	68	316	1,048	2,826	7,733	452	76	289	993	3,082	8,576	519
Death rate attributable to tobacco	-	22	44	45	25	13	-	-	-	2	-	0
Proportion of deaths attributable to tobacco (%)	-	7	4	2	0	3	-	-	-	0	-	0
<b>Death rate: Ischaemic heart disease</b>	16	132	454	1,121	2,324	171	10	70	297	767	1,888	125
Death rate attributable to tobacco	-	9	18	17	7	5	-	-	-	0	-	0
Proportion of deaths attributable to tobacco (%)	-	7	4	2	0	3	-	-	-	0	-	0
<b>Death rate: Cerebrovascular disease</b>	27	112	359	937	2,432	154	32	114	390	1,221	3,220	204
Death rate attributable to tobacco	-	8	14	13	7	4	-	-	-	1	-	0
Proportion of deaths attributable to tobacco (%)	-	7	4	1	0	3	-	-	-	0	-	0
<b>Death rate: Other cardiovascular diseases</b>	26	72	235	768	2,976	127	34	105	306	1,094	3,468	190
Death rate attributable to tobacco	-	6	12	15	11	4	-	-	-	1	-	0
Proportion of deaths attributable to tobacco (%)	-	8	5	2	0	3	-	-	-	0	-	0
<b>Death rate: Respiratory diseases</b>	29	108	368	885	1,807	145	28	61	180	467	1,106	93
Death rate attributable to tobacco	-	14	71	140	374	22	-	-	-	2	-	0
Proportion of deaths attributable to tobacco (%)	-	13	19	16	21	15	-	-	-	0	-	0
<b>Death rate: Chronic obstructive pulmonary disease</b>	7	47	201	497	951	71	5	19	72	205	439	33
Death rate attributable to tobacco	-	12	64	128	334	19	-	-	-	1	-	0
Proportion of deaths attributable to tobacco (%)	-	25	32	26	35	27	-	-	-	1	-	0
<b>Death rate: Other respiratory diseases</b>	22	61	167	388	856	74	23	42	108	261	666	60
Death rate attributable to tobacco	-	2	7	12	41	2	-	-	-	0	-	0
Proportion of deaths attributable to tobacco (%)	-	3	4	3	5	3	-	-	-	0	-	0

Note 3: For information on the sources of mortality data, please refer to Annex C, Table C4 of The global burden of disease: 2004 update.