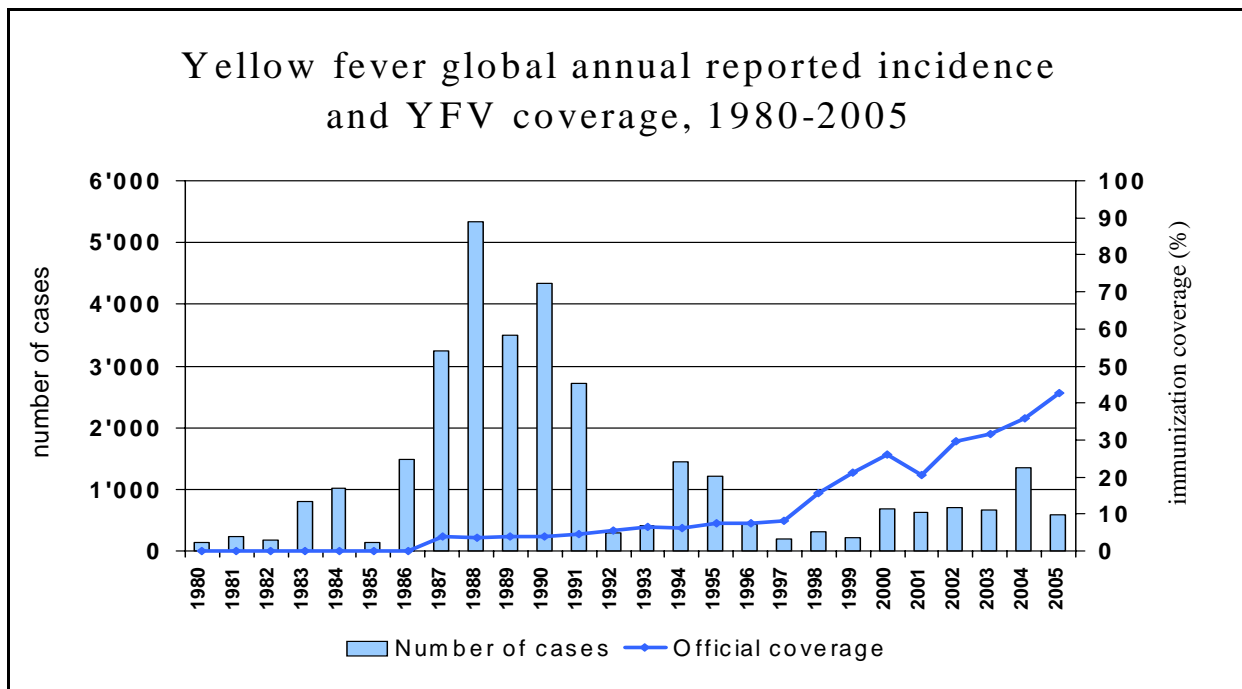


Yellow fever



WHO recommends that yellow fever (YF) vaccine be introduced in countries at risk for outbreaks. These include 31 countries in the AFR, 2 countries in the EMR, and 11 countries in the Americas. Global and regional YF immunization coverage figures are calculated using only these 44 countries at risk (43 WHO Member States plus French Guyana). The data in the graph and tables represent global and regional summaries using official data reported from Member States to WHO. The table on yellow fever incidence includes all reporting entities, in addition to the 44 at risk. The table on yellow fever coverage shows the number of countries providing data to WHO (labelled "N° countries", which includes countries reporting zero case) and the proportion of the population in the 44 countries at risk represented by those data (labelled "% population"). Imputation procedures described above were used to complete missing coverage values. The number of countries providing meaningful data has varied over time and has been generally substandard. In 2002, only 9 countries reported yellow fever cases (5 in AFR and 4 in AMR), but this number increased in 2003 to 19 countries (15 in AFR and 4 in AMR), and decreased again in 2004 to 14 countries (9 in AFR, 4 in AMR and 1 importation in EUR). Some outbreaks occurring in a number of countries were reported (Sierra Leone), while others were not (in southern Sudan). In 2004 the Democratic Republic of the Congo reported 1'192 cases, however no case was confirmed in laboratory.

Out of the 43 WHO Member States, 32 have introduced yellow fever vaccine in the routine schedule of which 4 have introduced it in high risk areas. In addition, Seychelles (outside the high risk group) has introduced yellow fever vaccine in the routine schedule.

World-wide annual deaths from yellow fever (2002) were estimated by WHO at 30'000, out of which 15'000 occurred among under five years of age. As better data become available, these estimates will be revised.



Regional and global summaries of yellow fever incidence: 1980, 1990, 1996-2005.

	1980	1990	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
AFR	24	4'248	292	47	33	8	593	572	610	498	1'253	474
AMR	120	88	147	146	276	206	91	46	95	174	90	114
EMR	0	0	0	0	0	0	0	0	0	0	0	0
EUR	0	0	0	0	0	0	0	2	0	0	1	0
SEAR	0	0	0	0	0	0	0	0	0	0	0	0
WPR	0	0	0	0	0	0	0	0	0	0	0	0
Global	144	4'336	439	193	309	214	684	620	705	672	1'344	588
N° countries	9	10	27	64	79	80	99	136	123	126	131	127

Regional and global summaries of reported of vaccination coverage (%), YFV < 1 year of age: 1980, 1990, 1996-2005.

	1980	1990	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
AFR	0	6	11	11	12	15	15	19	20	23	29	37
AMR	0	0	0	0	29	45	64	31	65	67	68	70
EMR	0	0	0	0	0	0	0	0	0	0	0	0
Global	0	4	8	8	16	21	26	21	30	32	36	43
% population	-	2	7	6	29	11	35	36	38	32	58	71
N° countries	0	2	4	5	13	8	15	20	19	19	29	31