



# Pan American Health Organization

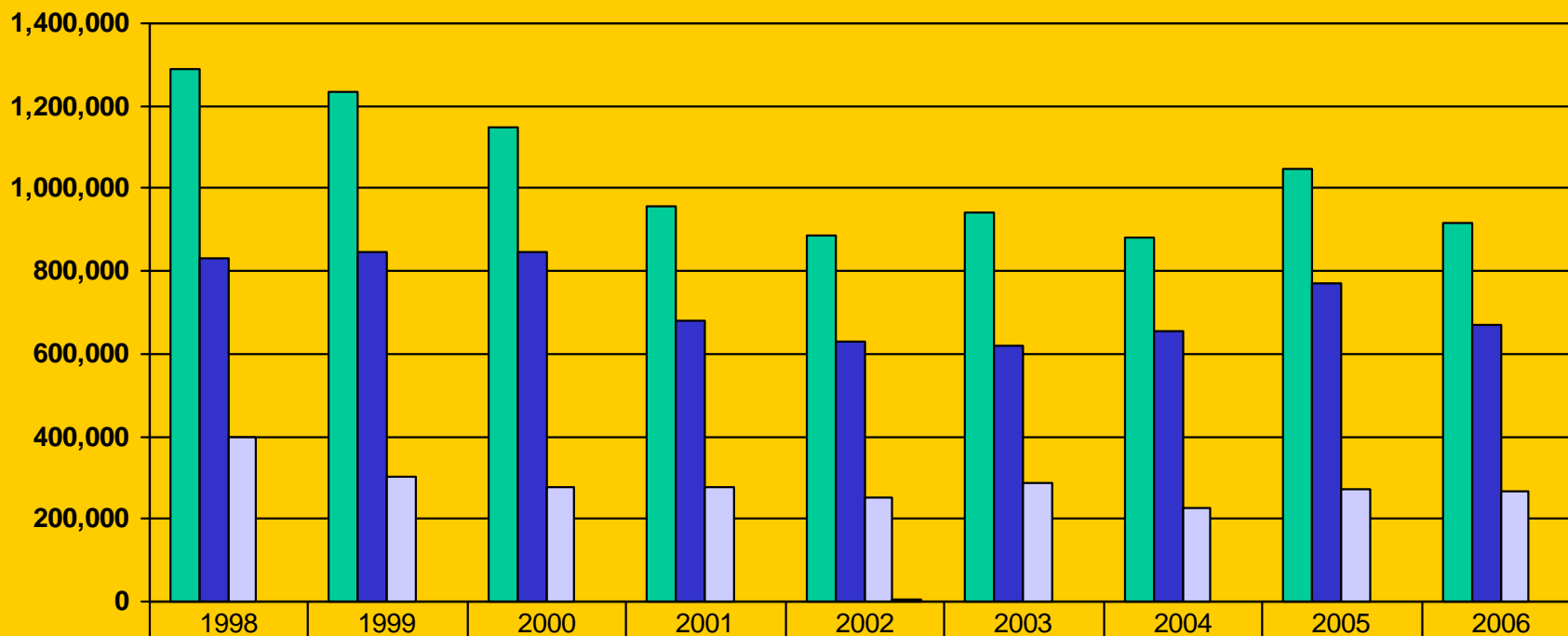
Regional Office of the  
World Health Organization

<http://www.paho.org>

*Annual Malaria  
Cases and Deaths  
in the Americas,*

*1998–2006*

# AMERICAS: Malaria Morbidity, 1998–2006 (number of positive blood slides)



■ No. of Cases	1,288,648	1,236,087	1,150,103	955,953	885,216	941,503	882,361	1,048,418	917,828
■ P. vivax	831,106	844,556	847,294	679,682	630,033	620,400	654,470	771,844	670,464
■ P. falciparum	395,569	301,168	277,943	277,773	250,618	286,809	225,188	273,008	269,216
■ P. malariae	2,286	2,348	1,780	2,179	2,687	1,418	1,440	2,097	1,562



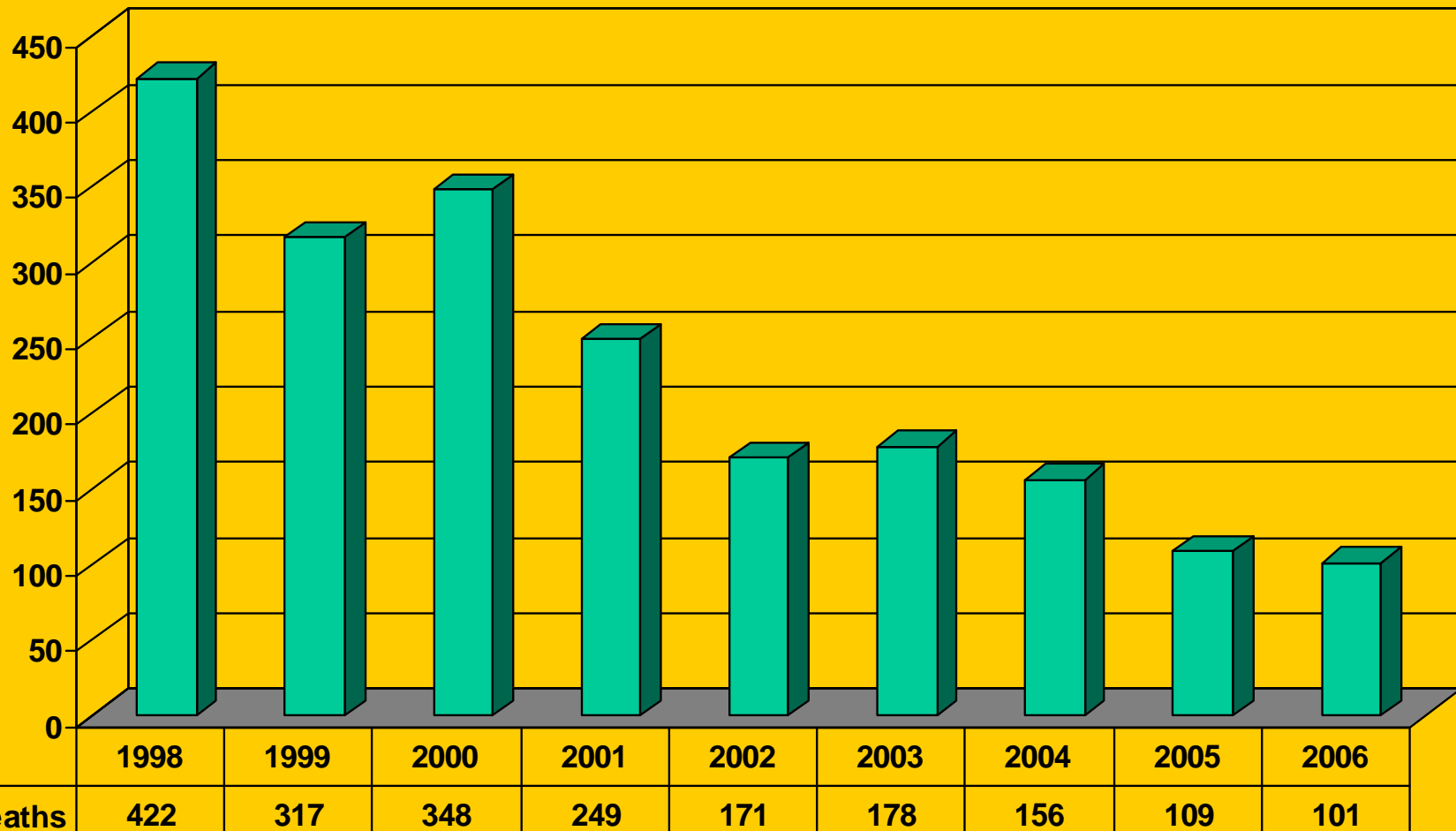
# Malaria Situation, 2000–2006



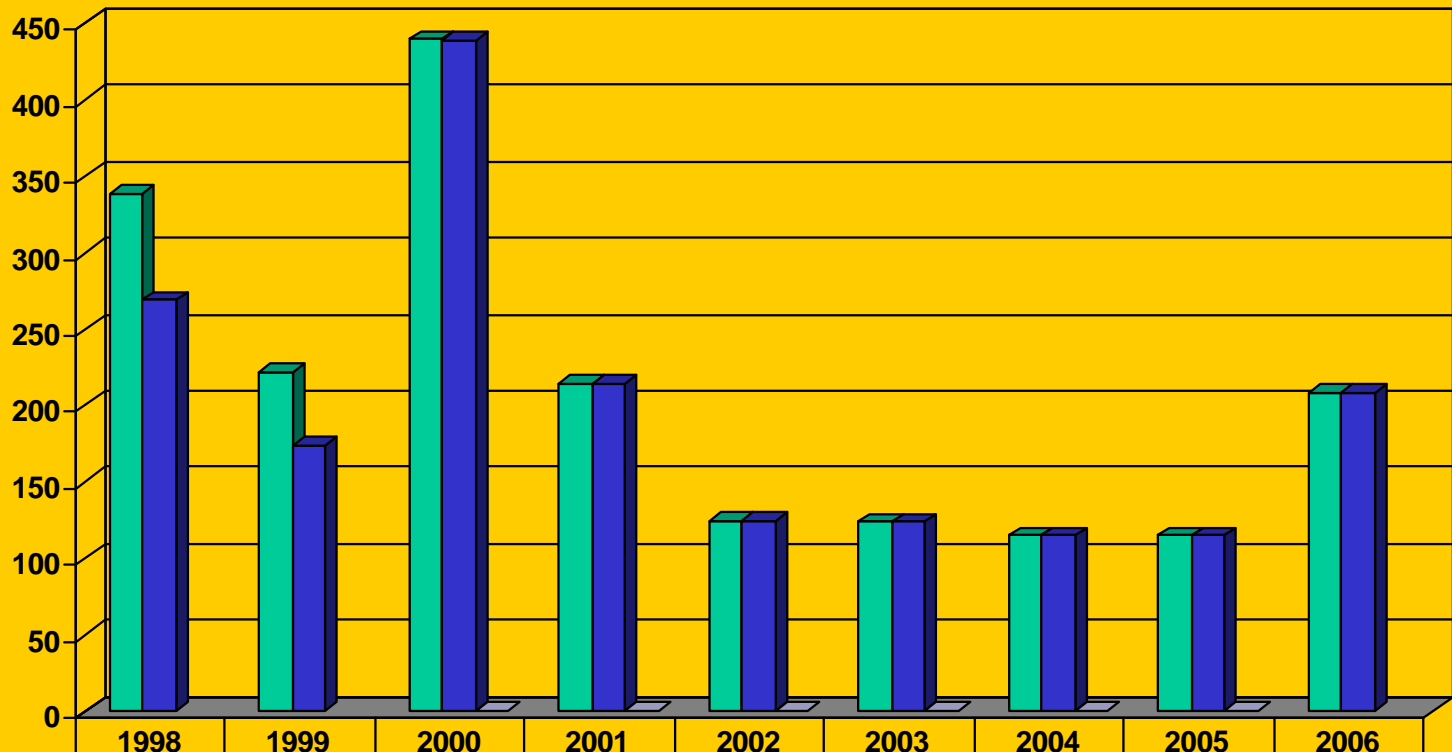
Pan American  
Health  
Organization

- **Decrease *P. falciparum* fatality rate from 13 to 4 per 10,000**
- **2006: Outbreaks Bahamas & Jamaica**

# AMERICAS: Malaria Mortality, 1998–2006 (number of deaths)



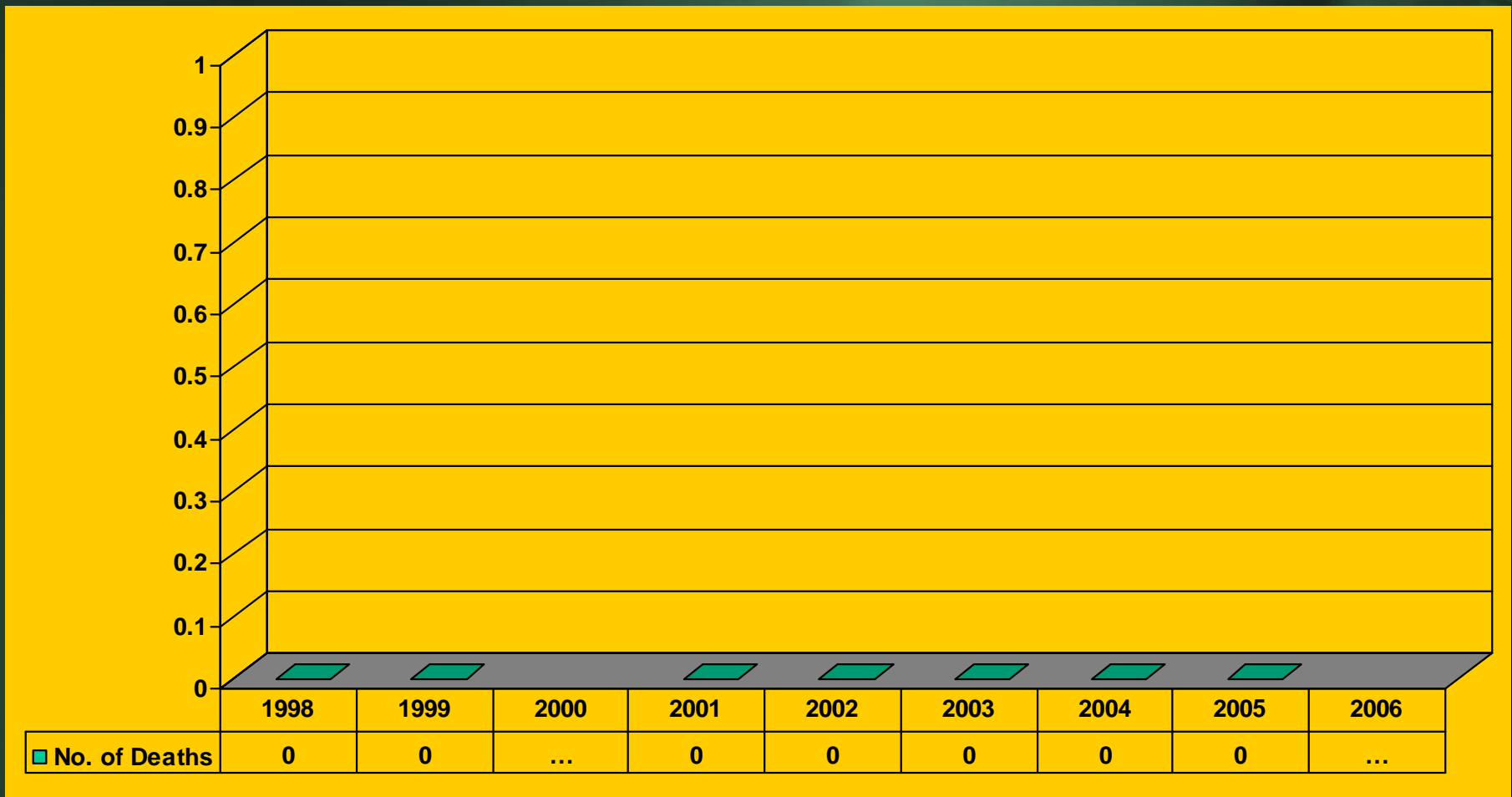
# ARGENTINA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



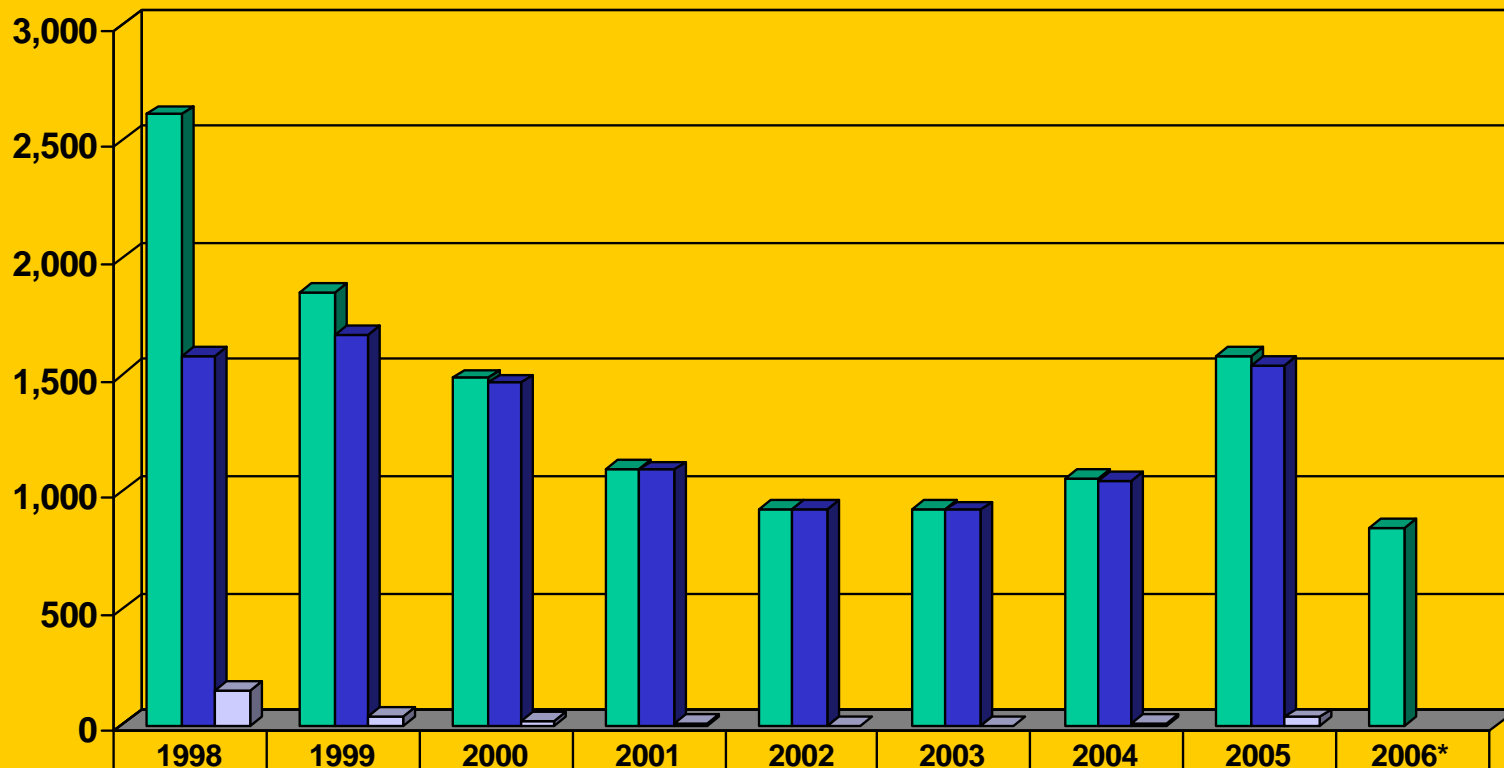
	1998	1999	2000	2001	2002	2003	2004	2005	2006
No. of Cases	339	222	440	215	125	124	115	115	209
P. vivax	269	174	439	215	125	124	115	115	209
P. falciparum	...	...	1	0	0	0	0	0	...



# ARGENTINA: Malaria Mortality, 1998-2006 (number of deaths)



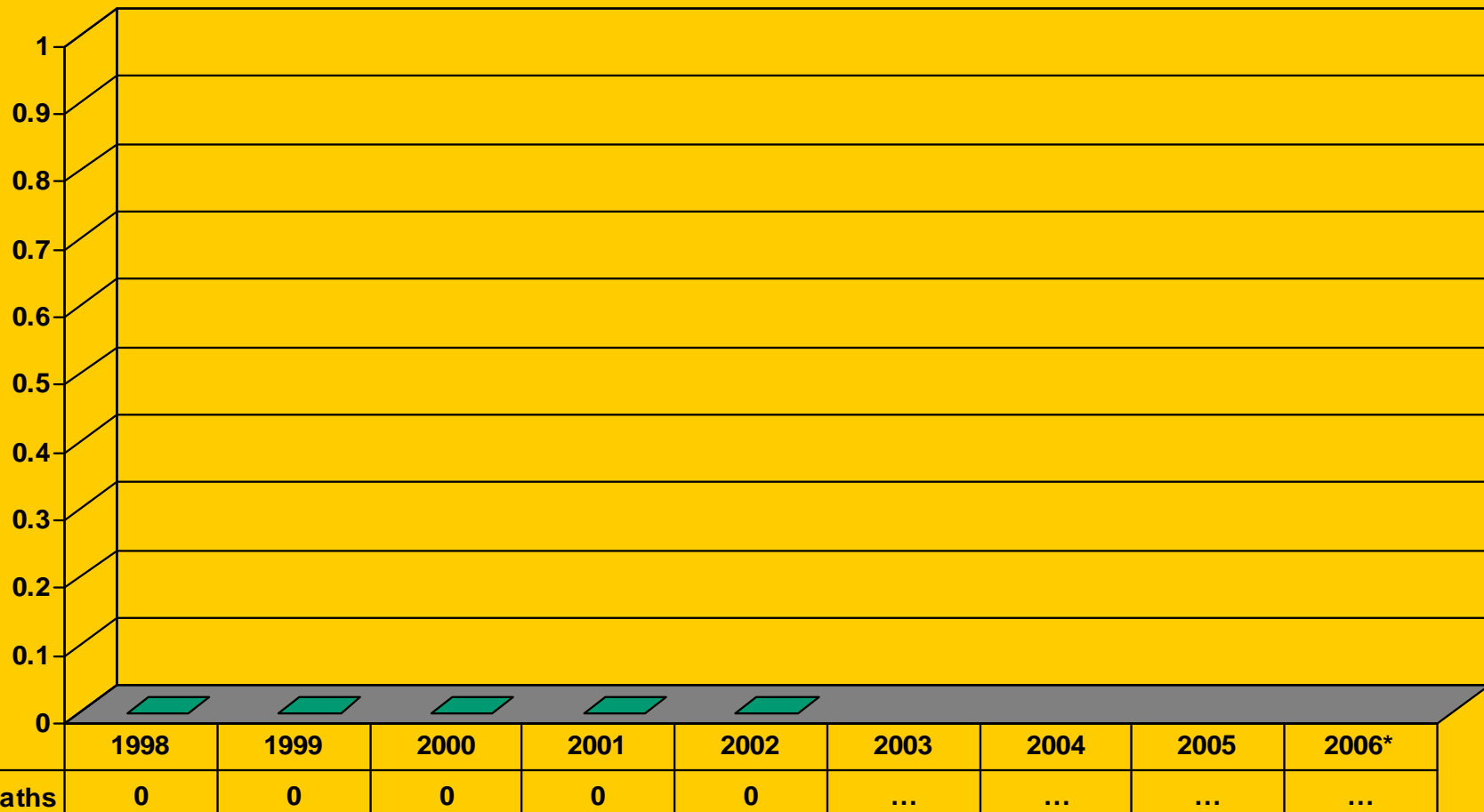
# BELIZE: Malaria Morbidity, 1998–2006 (number of positive blood slides)



	1998	1999	2000	2001	2002	2003	2004	2005	2006*
<b>No. of Cases</b>	2,614	1,850	1,486	1,097	928	928	1,057	1,577	844
<b>P. vivax</b>	1,580	1,668	1,466	1,091	928	920	1,049	1,544	...
<b>P. falciparum</b>	151	37	20	6	0	0	6	34	...

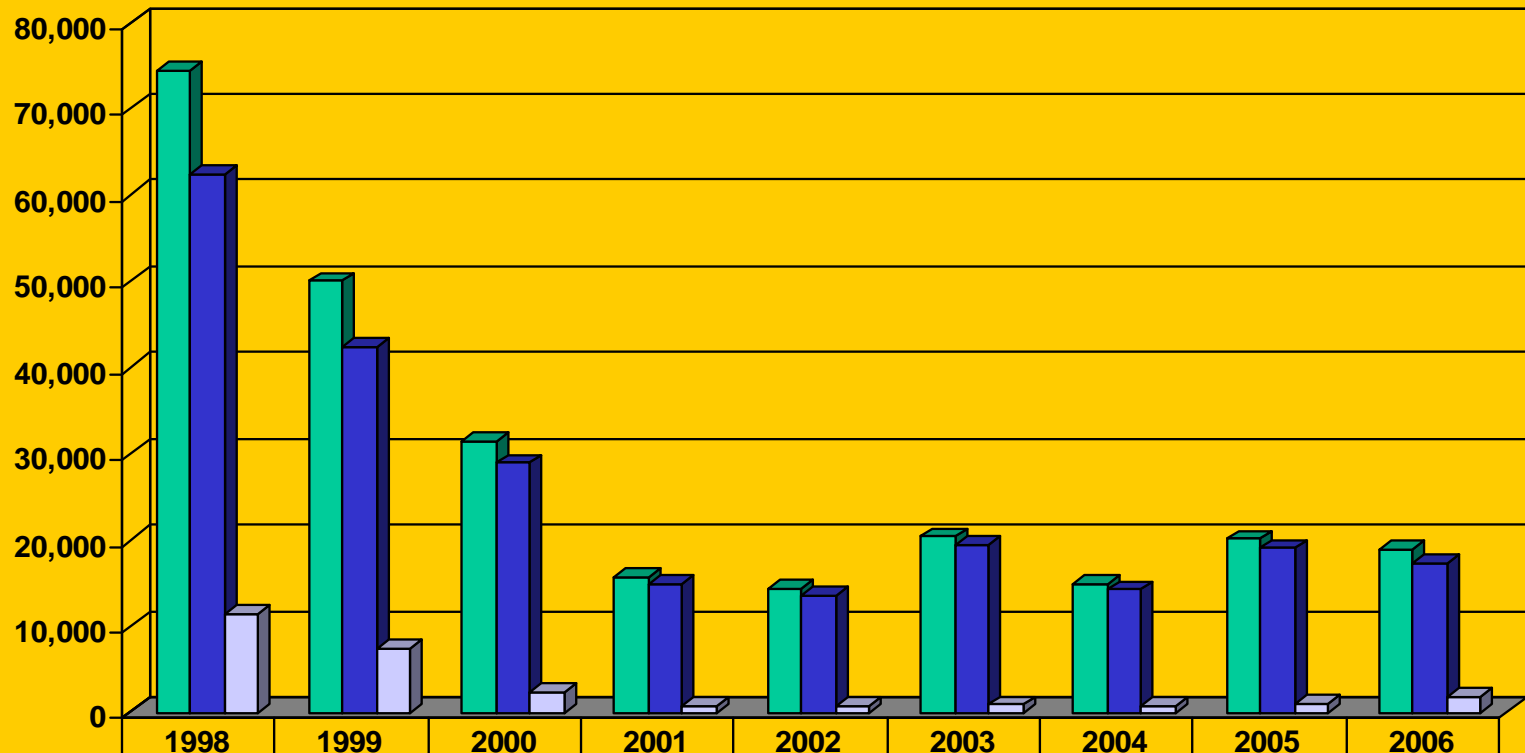


# BELIZE: Malaria Mortality, 1998-2006 (number of deaths)





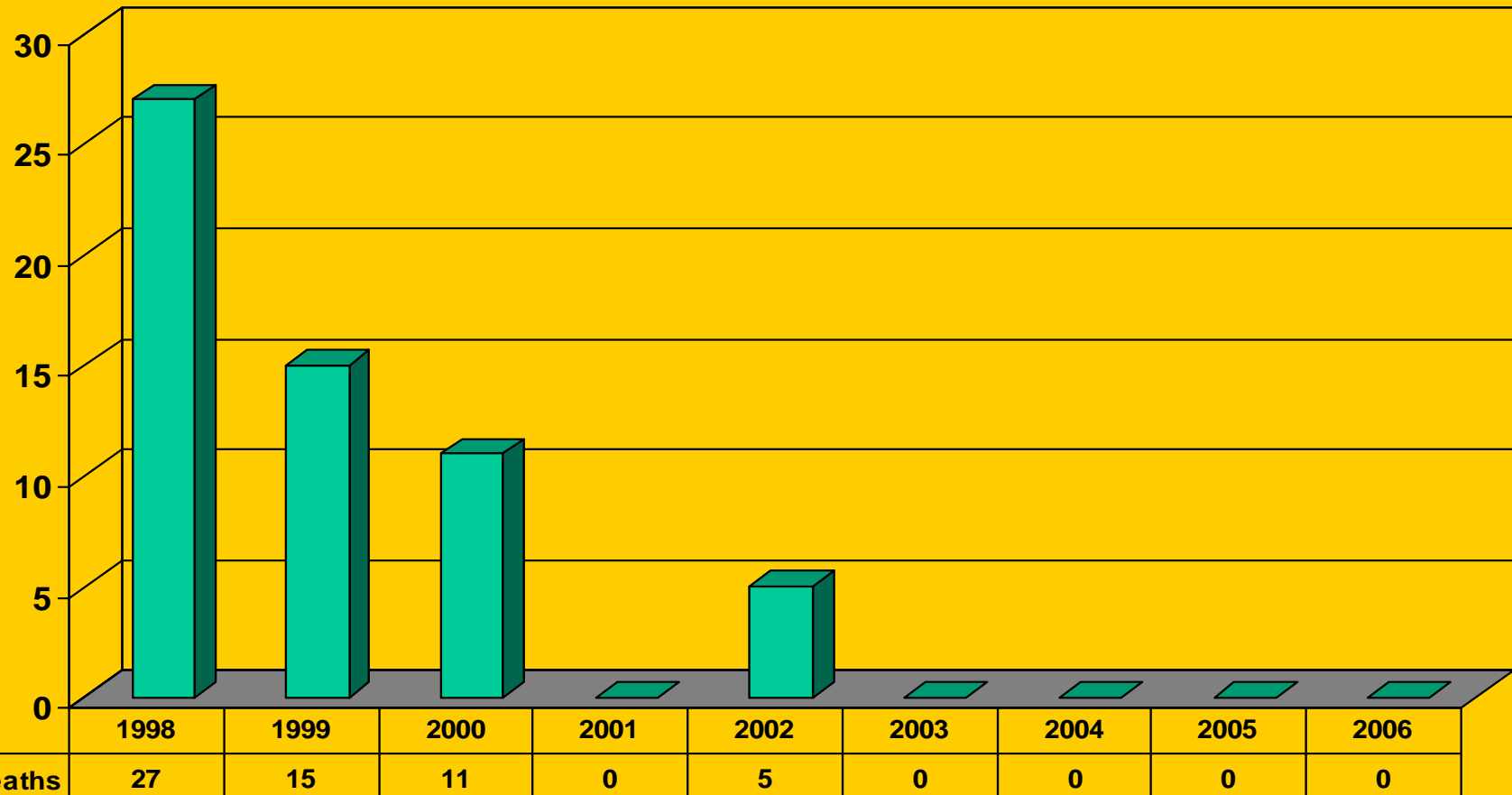
# BOLIVIA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



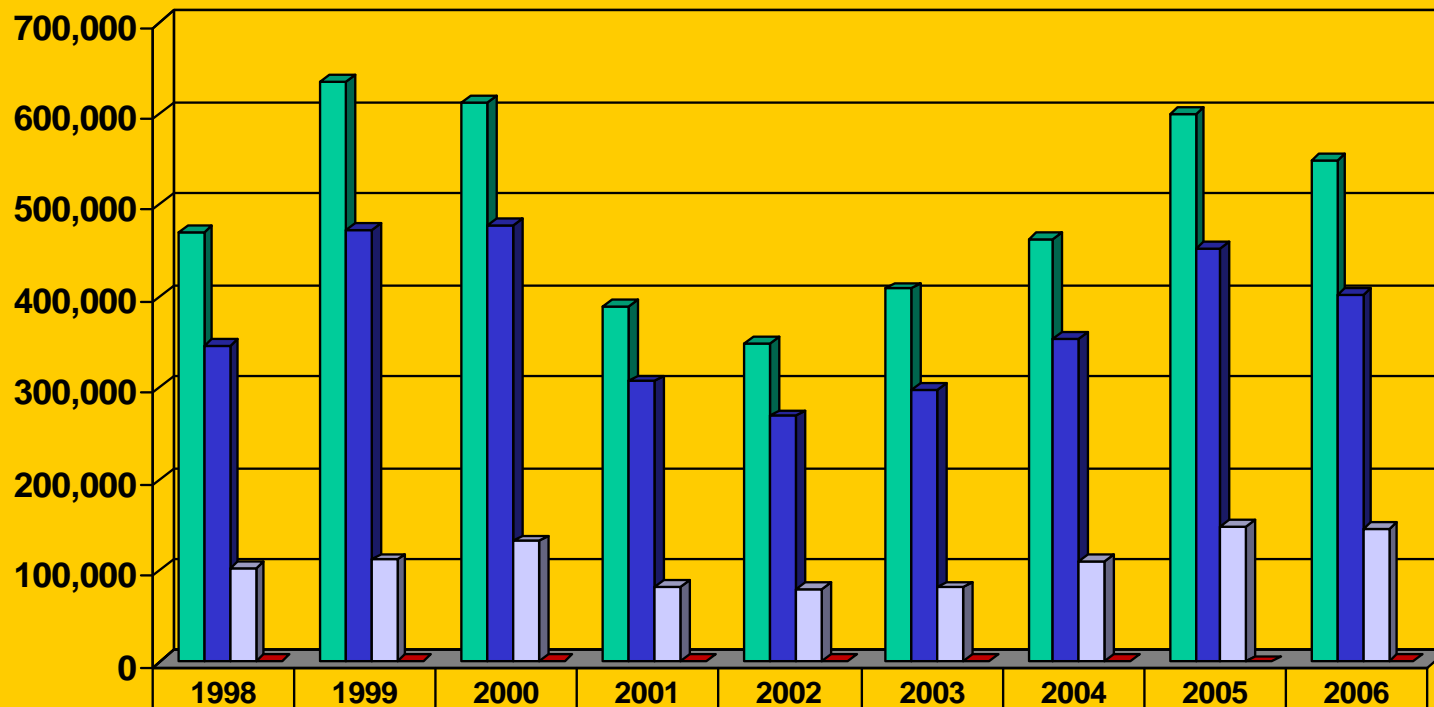
No. of Cases	74,350	50,037	31,469	15,765	14,276	20,343	14,910	20,142	18,995
P. vivax	62499	42480	28932	14957	13549	19452	14210	19,062	17,210
P. falciparum	11414	7525	2446	808	727	891	700	1,080	1,785







# BOLIVIA: Malaria Mortality, 1998-2006 (number of deaths)



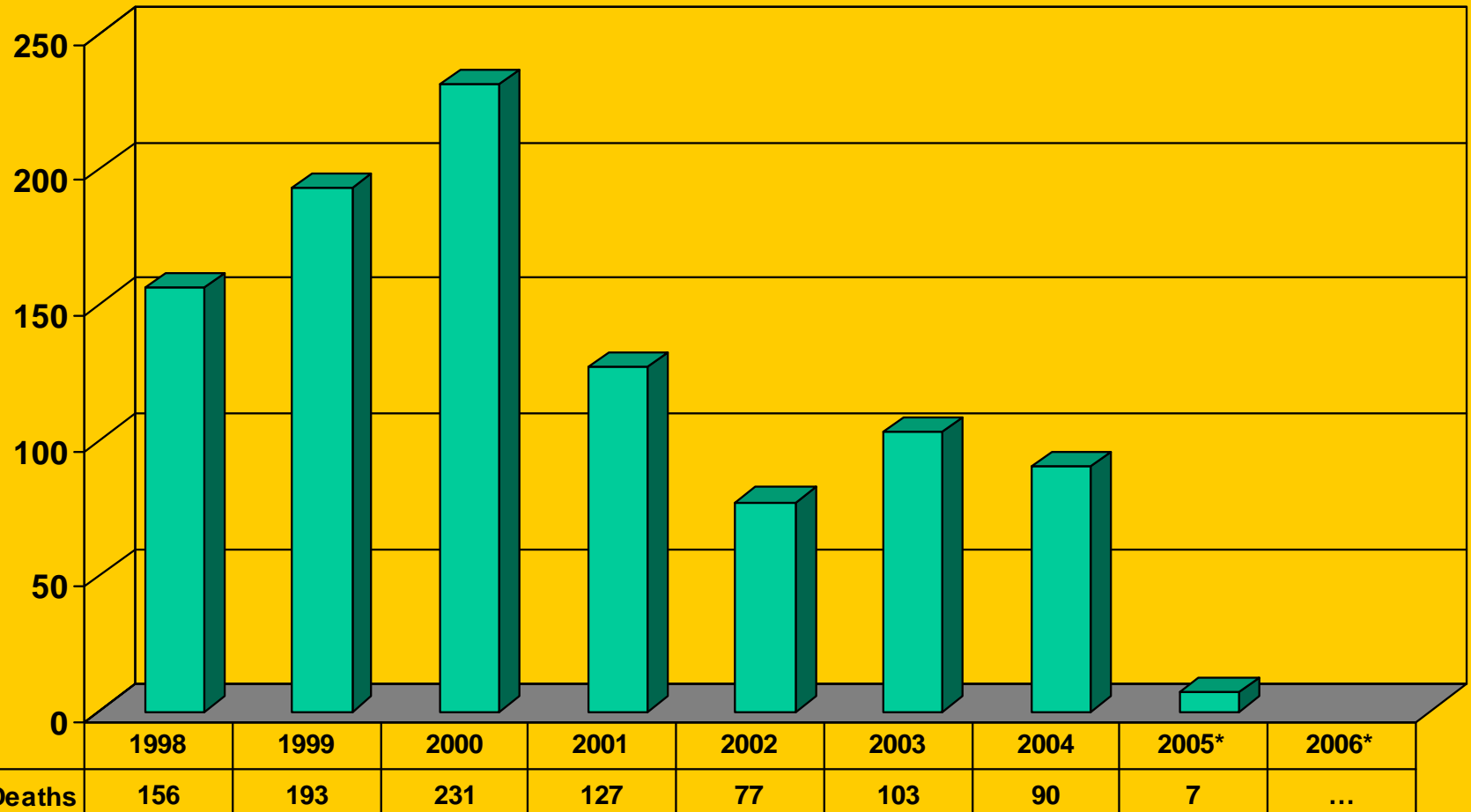
# BRAZIL: Malaria Morbidity, 1998–2006 (number of positive blood slides)



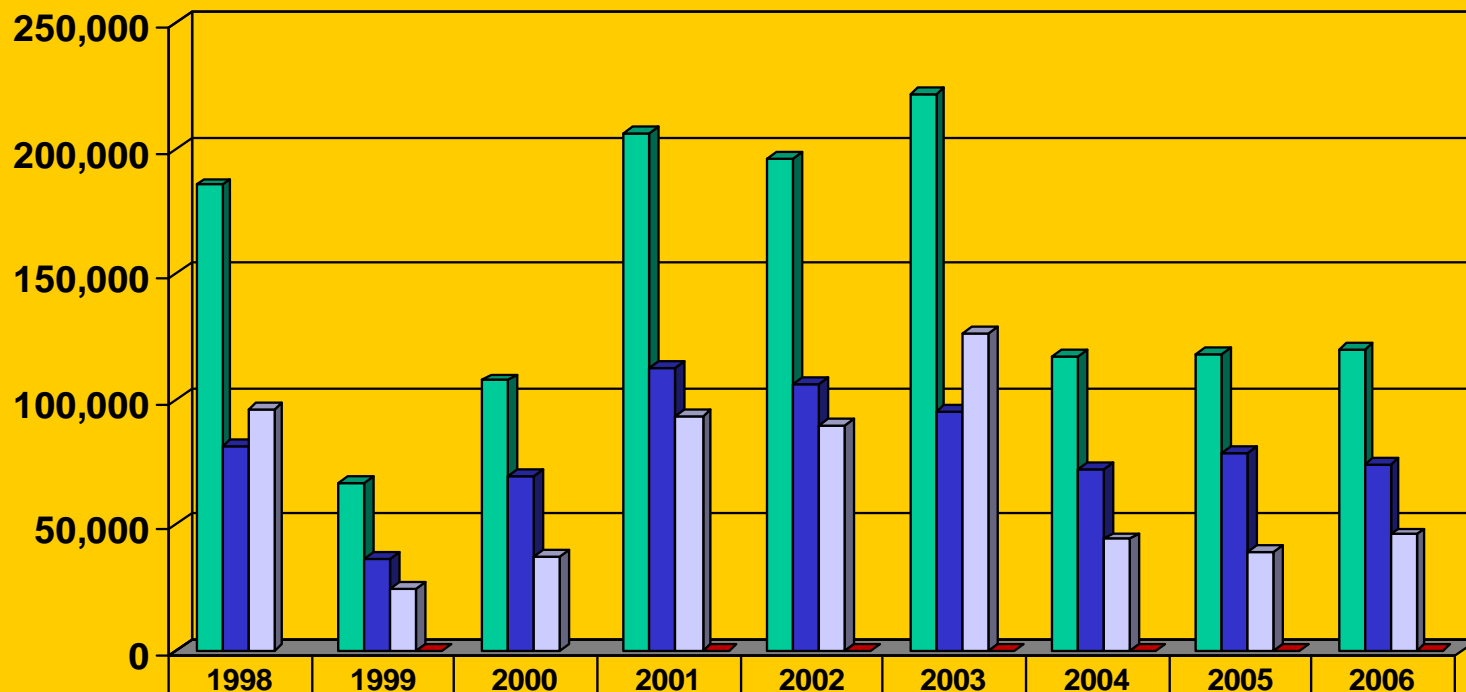
 No. of Cases	469,982	635,646	613,241	388,303	348,259	408,300	463,792	600,887	548,597
 P. vivax	345,820	473,437	478,212	306,681	268,607	297,962	353,470	453,069	402,503
 P. falciparum	101,721	111,444	131,616	81,402	80,437	81,094	110,106	147,768	145,854
 P. malariae	1,461	888	932	575	829	284	216	50	233



# BRAZIL: Malaria Mortality, 1998–2006 (number of deaths)



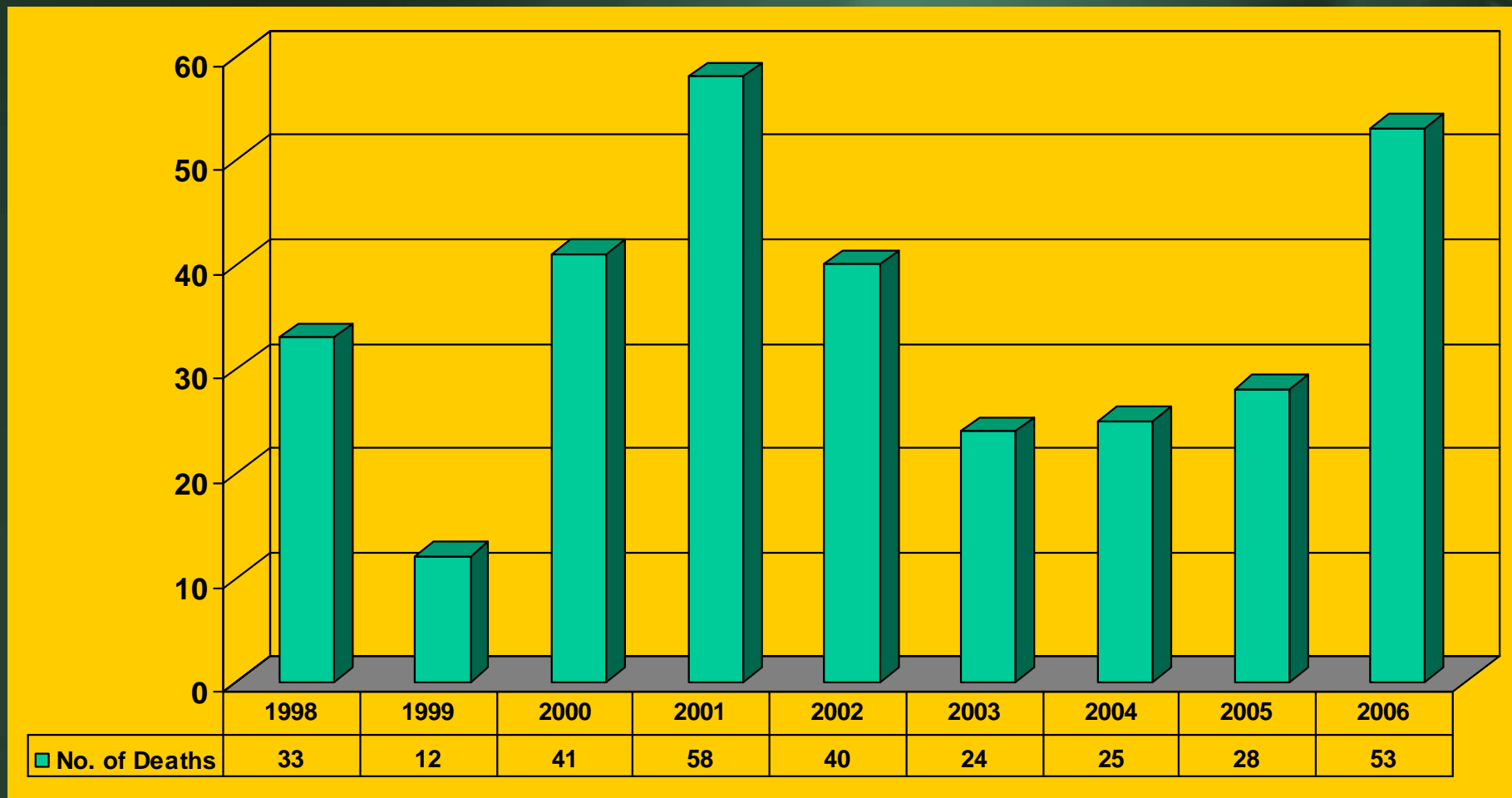
# COLOMBIA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



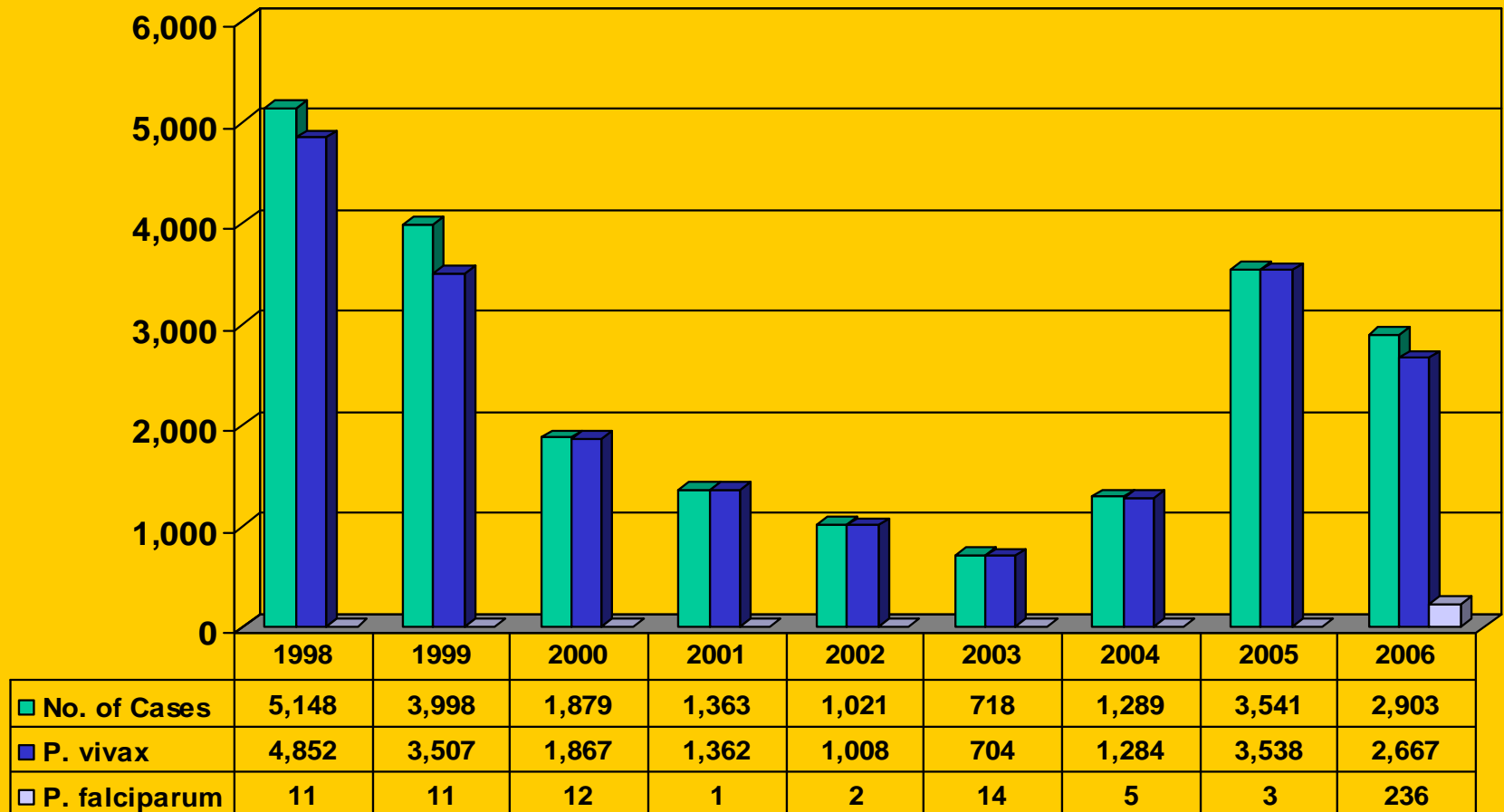
	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>No. of Cases</b>	185,455	66,845	107,616	206,195	195,719	221,834	116,872	118,163	120,107
<b>P. vivax</b>	81,289	36,514	69,612	112,562	105,931	95,484	72,424	78,437	73,949
<b>P. falciparum</b>	96,201	24,736	37,563	93,633	89,753	126,350	44,437	39,709	46,147
<b>P. malariae</b>	...	310		0	35	0	11	17	11



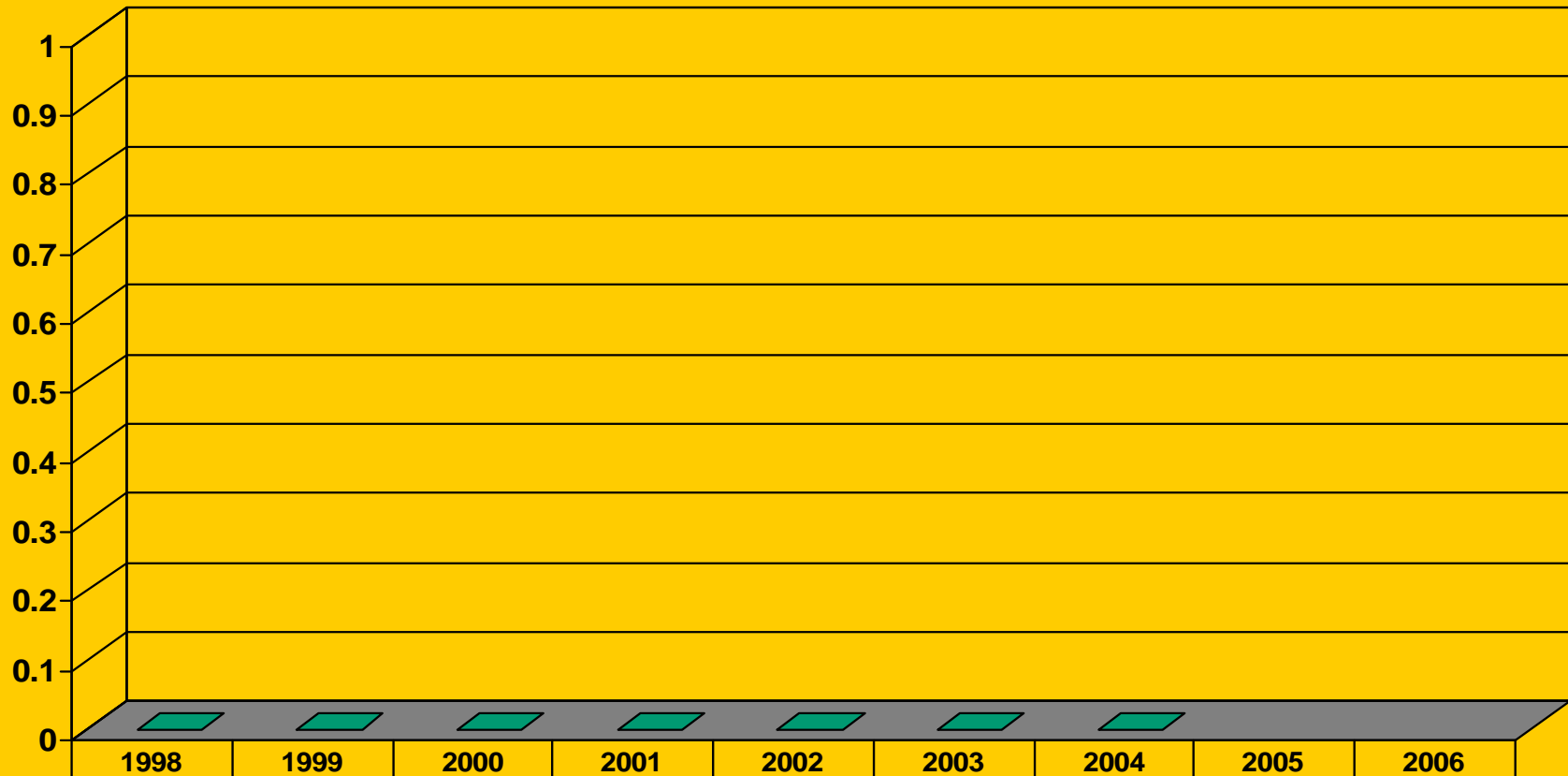
# COLOMBIA: Malaria Mortality, 1998–2006 (number of deaths)



# COSTA RICA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



# COSTA RICA: Malaria Mortality, 1998–2006 (number of deaths)

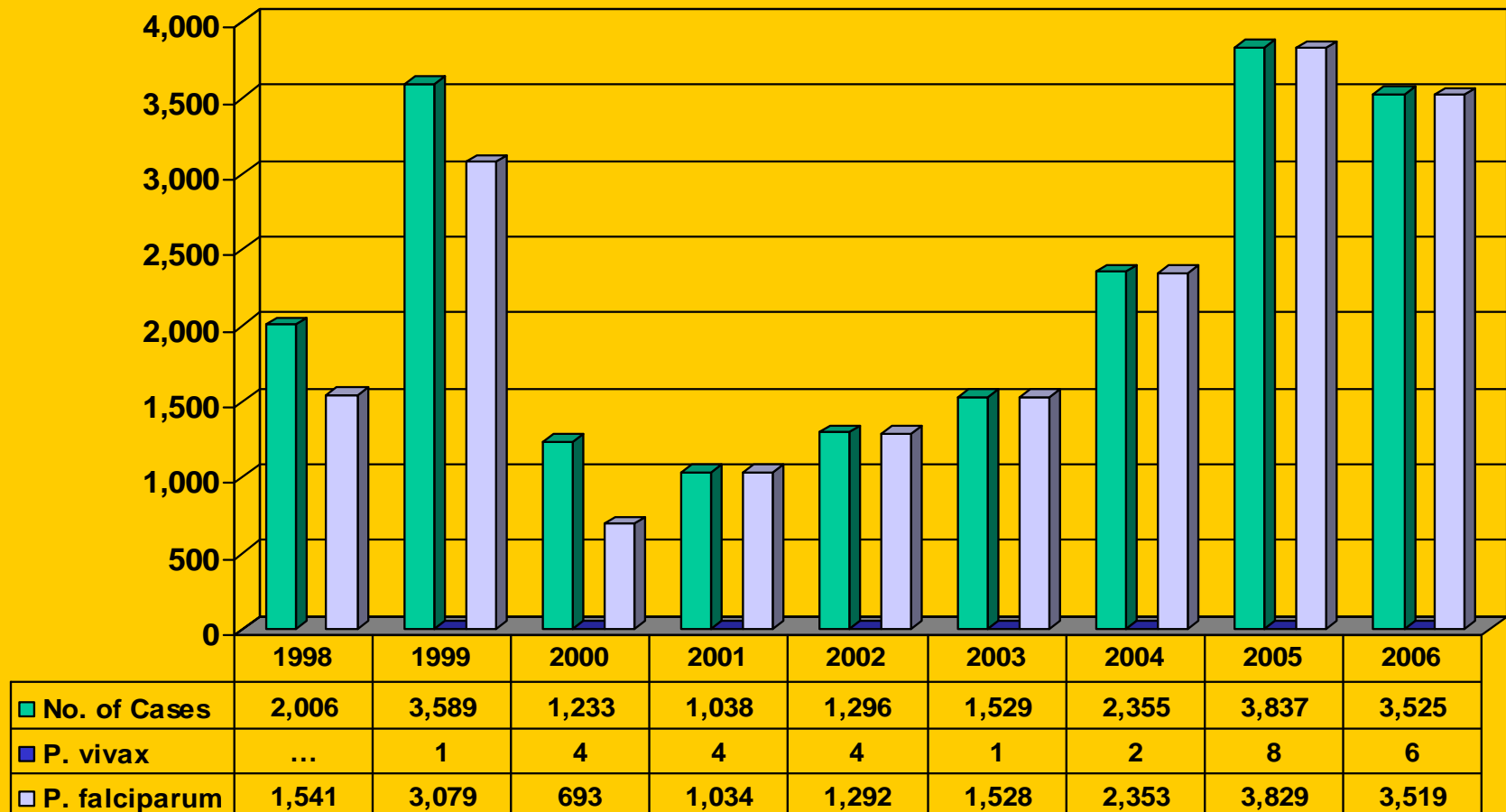


No. of Deaths	1998	1999	2000	2001	2002	2003	2004	2005	2006
	0	0	0	0	0	0	0	...	...

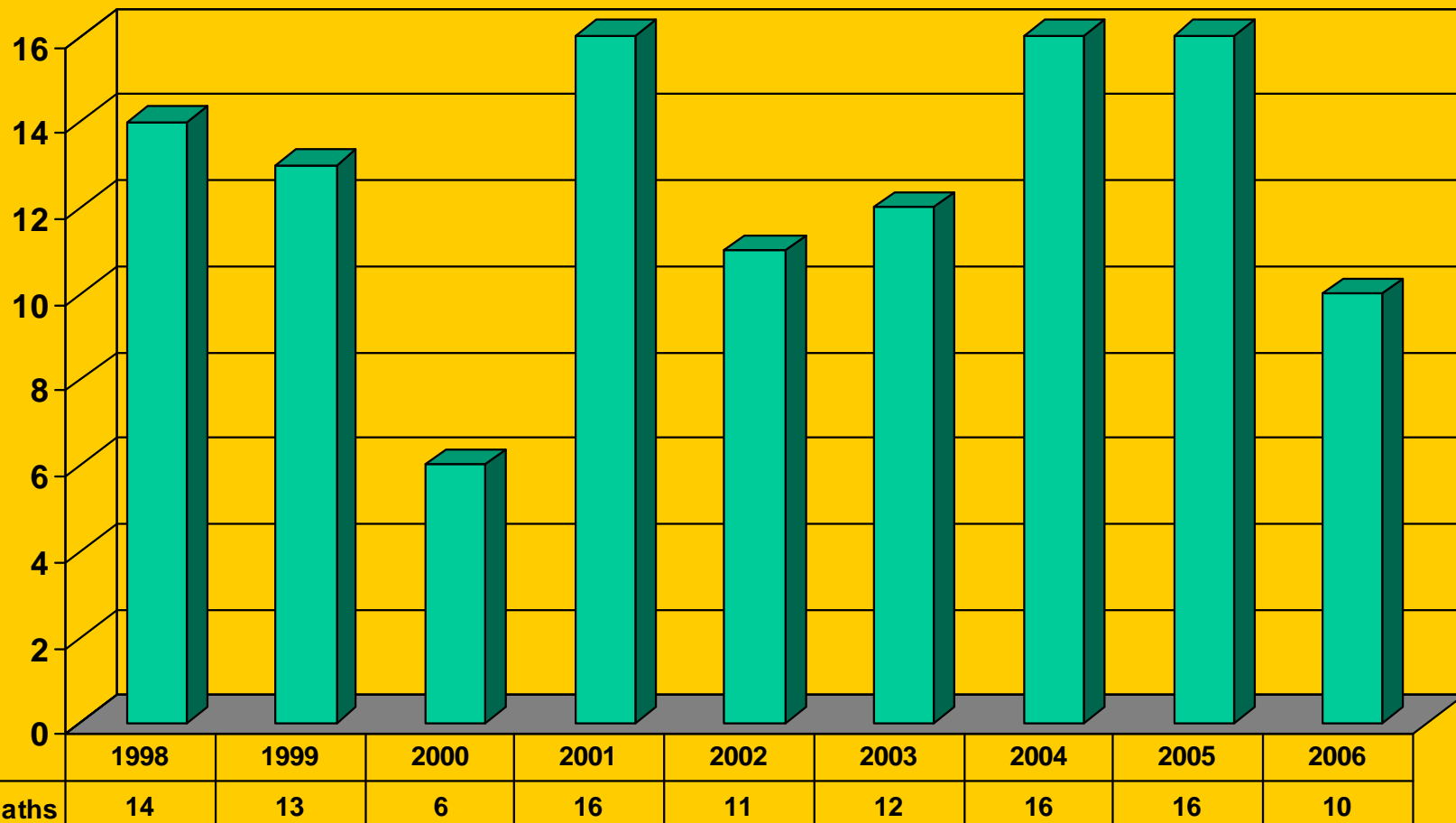




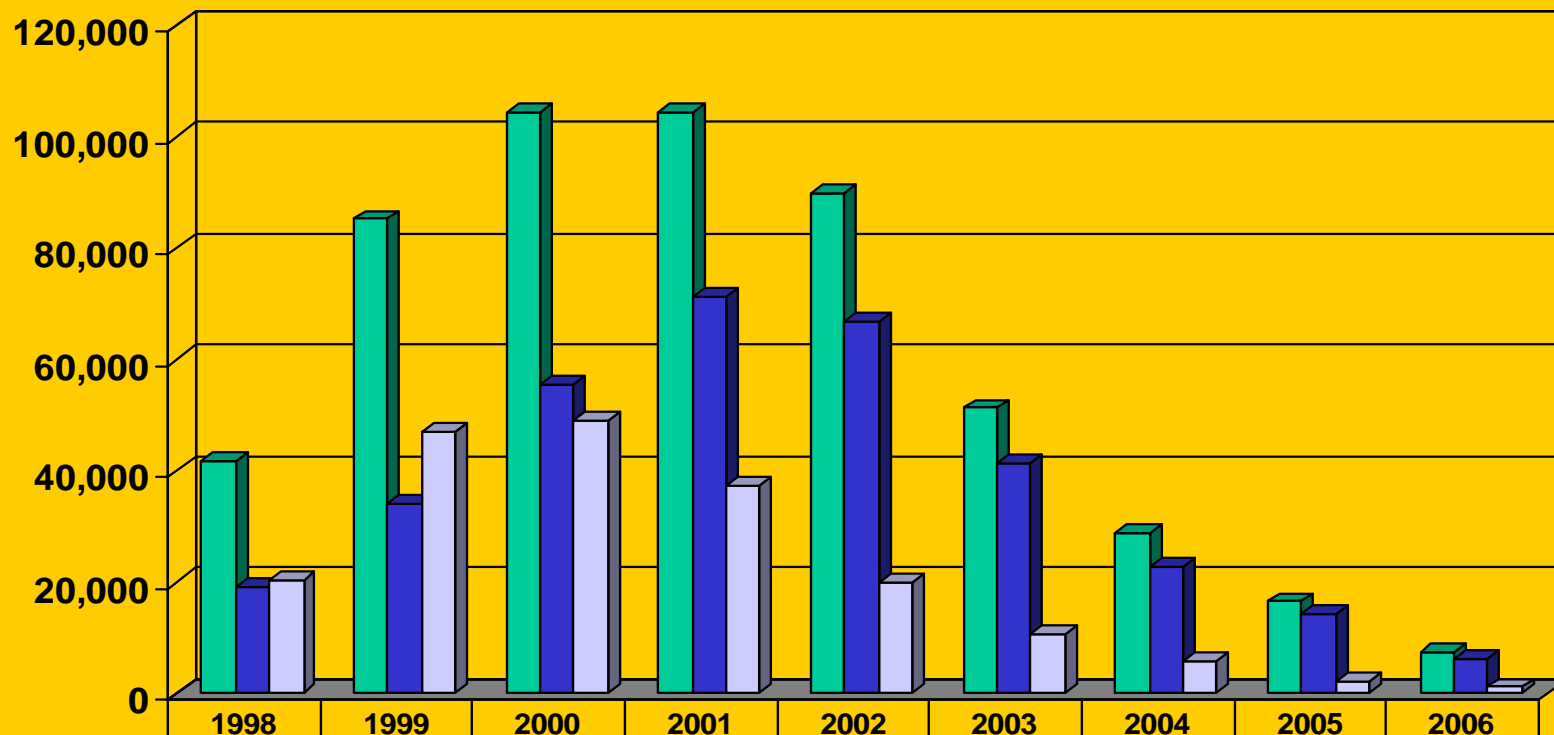
# DOMINICAN REPUBLIC: Malaria Morbidity, 1998–2006 (number of positive blood slides)



# DOMINICAN REPUBLIC: Malaria Mortality, 1998–2006 (number of deaths)



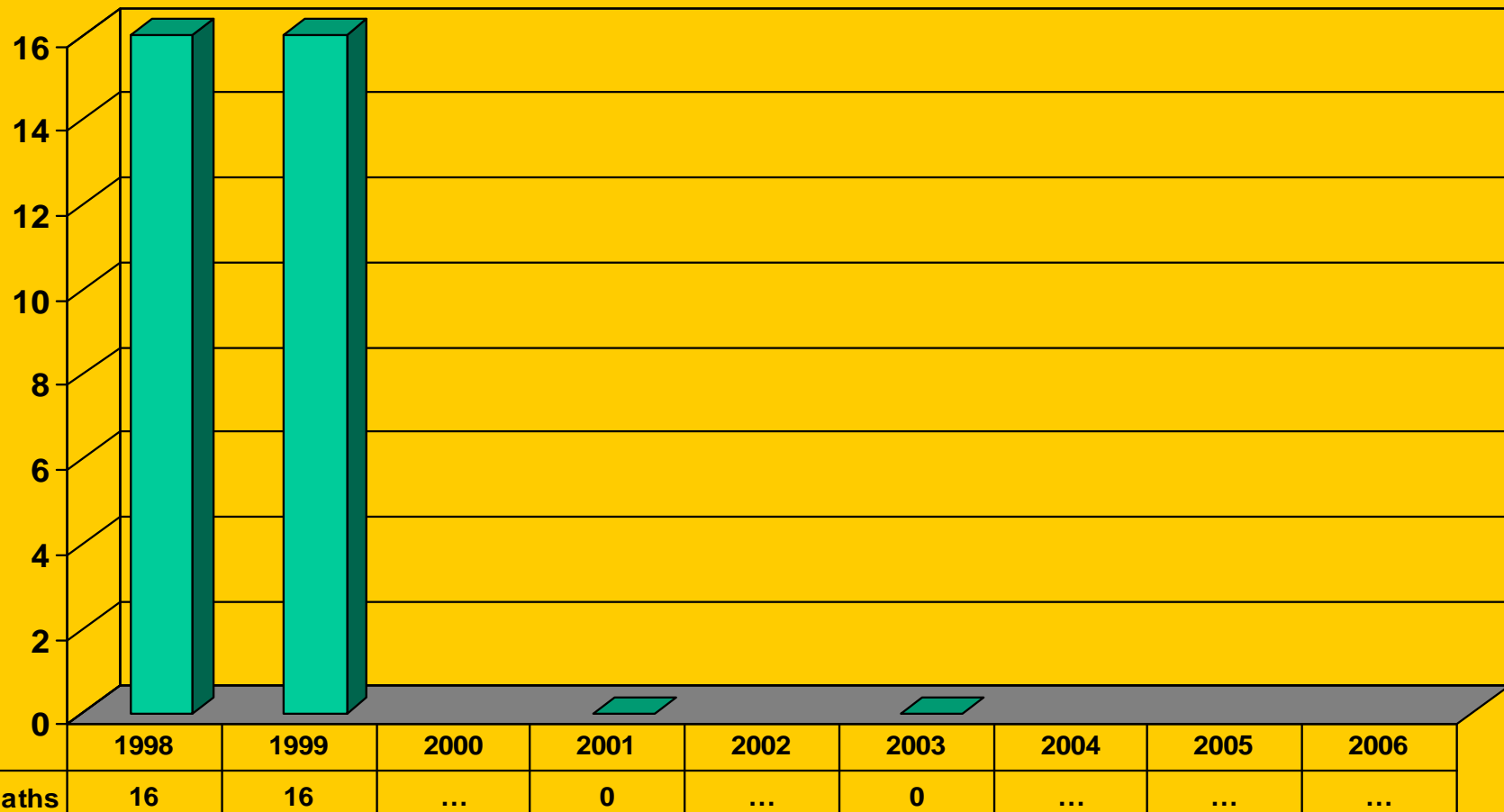
# ECUADOR: Malaria Morbidity, 1998–2006 (number of positive blood slides)



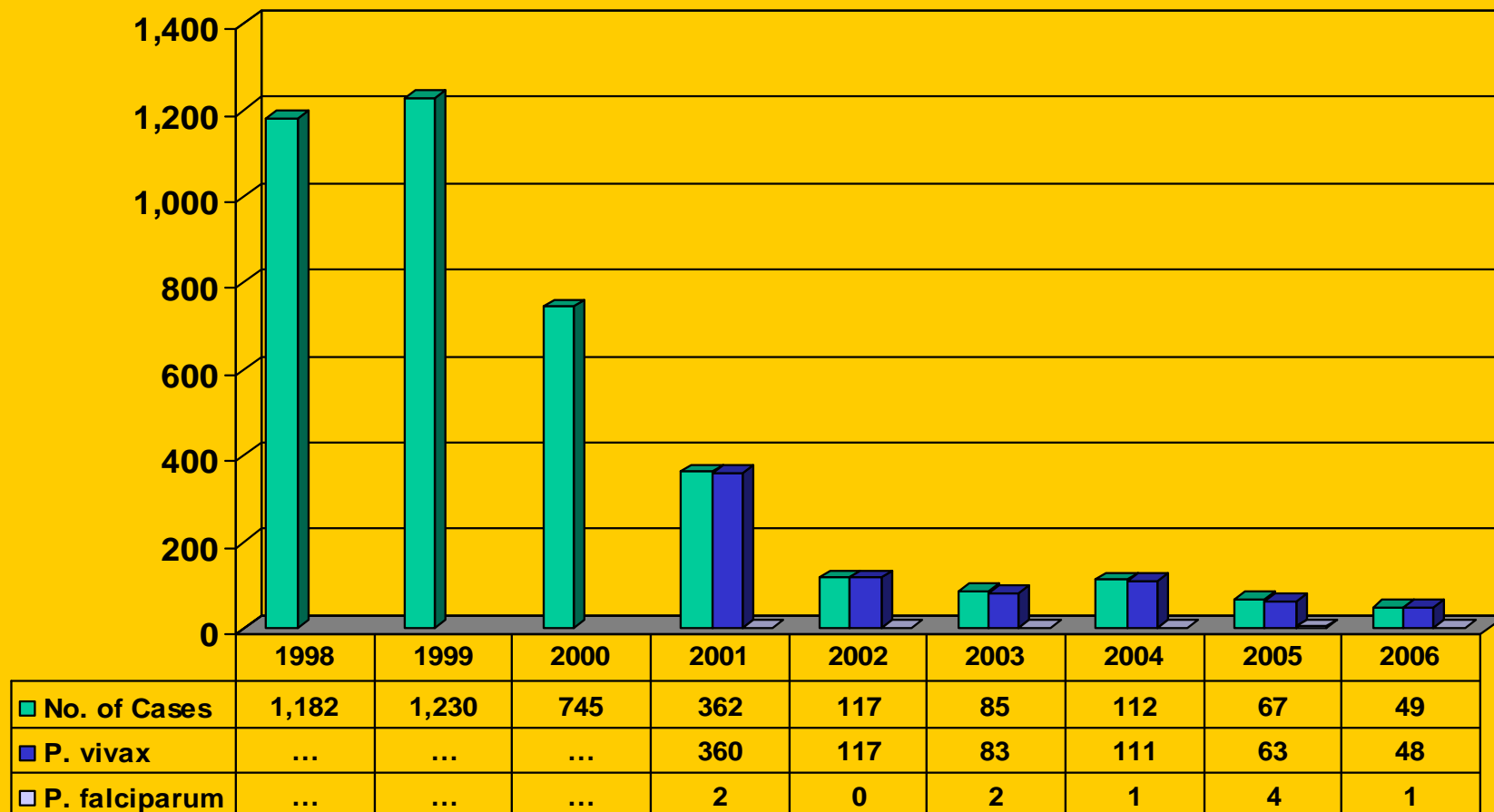
■ No. of Cases	41,843	85,268	104,528	104,384	90,000	51,341	28,730	16,487	7,318
■ P. vivax	19,256	34,082	55,624	71,412	66,742	41,341	22,839	14,360	6,211
■ P. falciparum	20,359	46,984	48,974	37,491	20,015	10,724	5,891	2,127	1,107



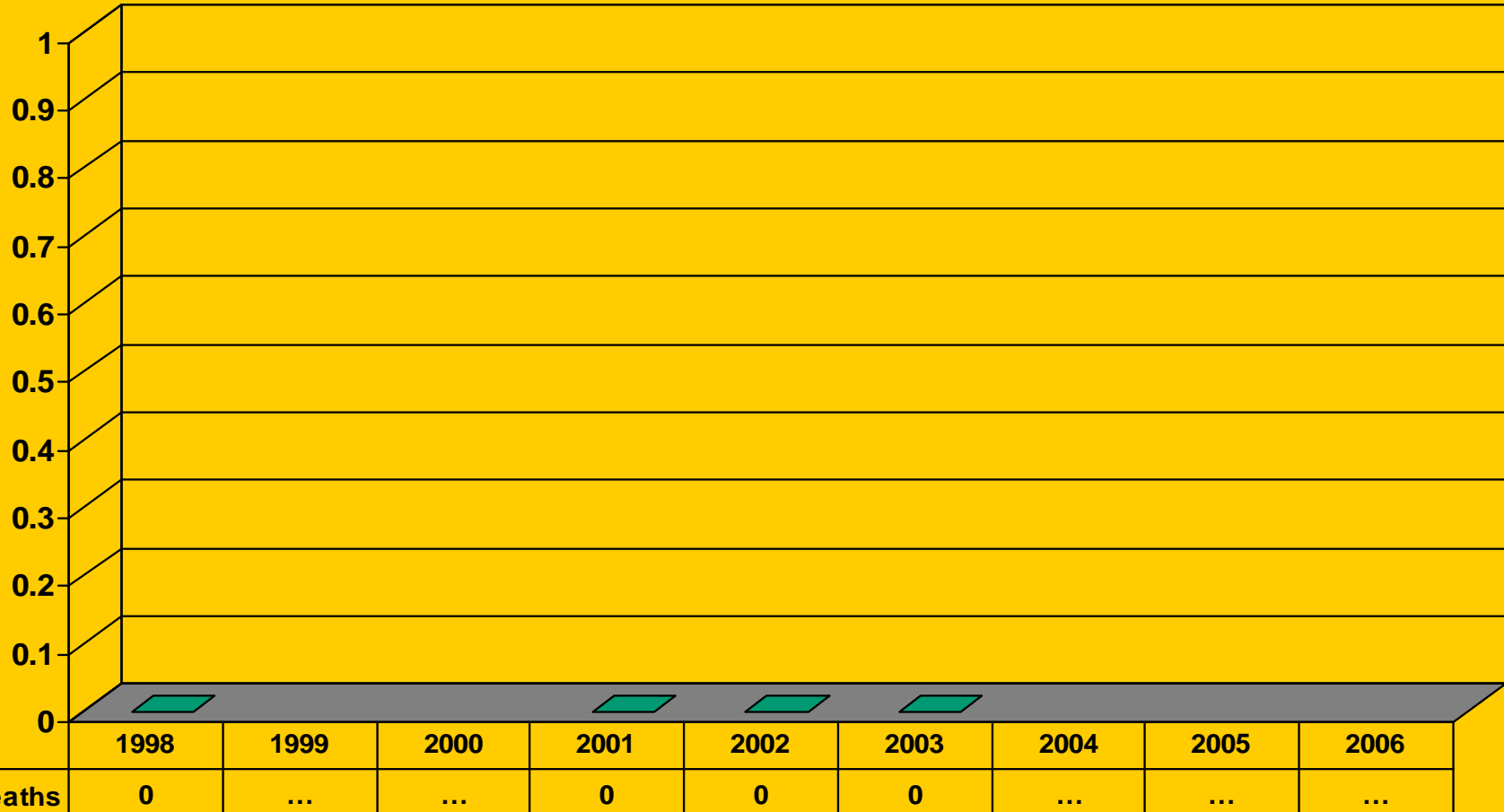
# ECUADOR: Malaria Mortality, 1998-2006 (number of deaths)



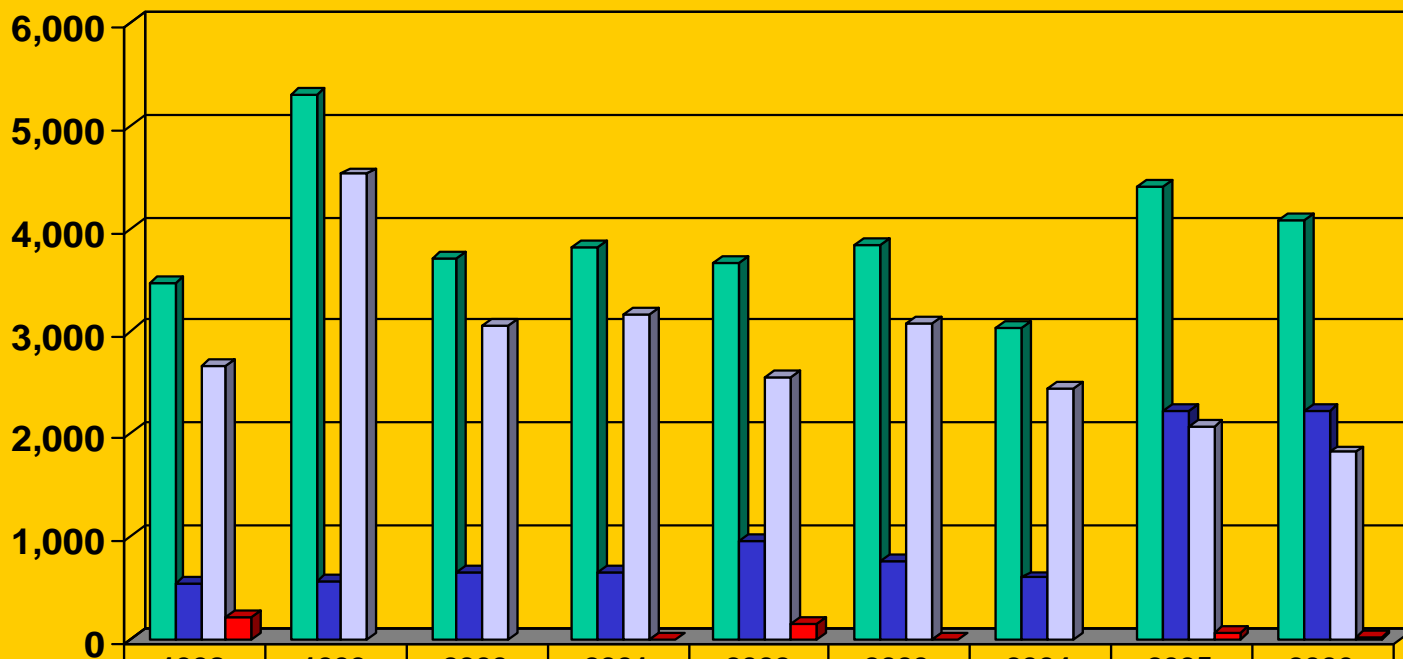
# EL SALVADOR: Malaria Morbidity, 1998–2006 (number of positive blood slides)



# EL SALVADOR: Malaria Mortality, 1998–2006 (number of deaths)



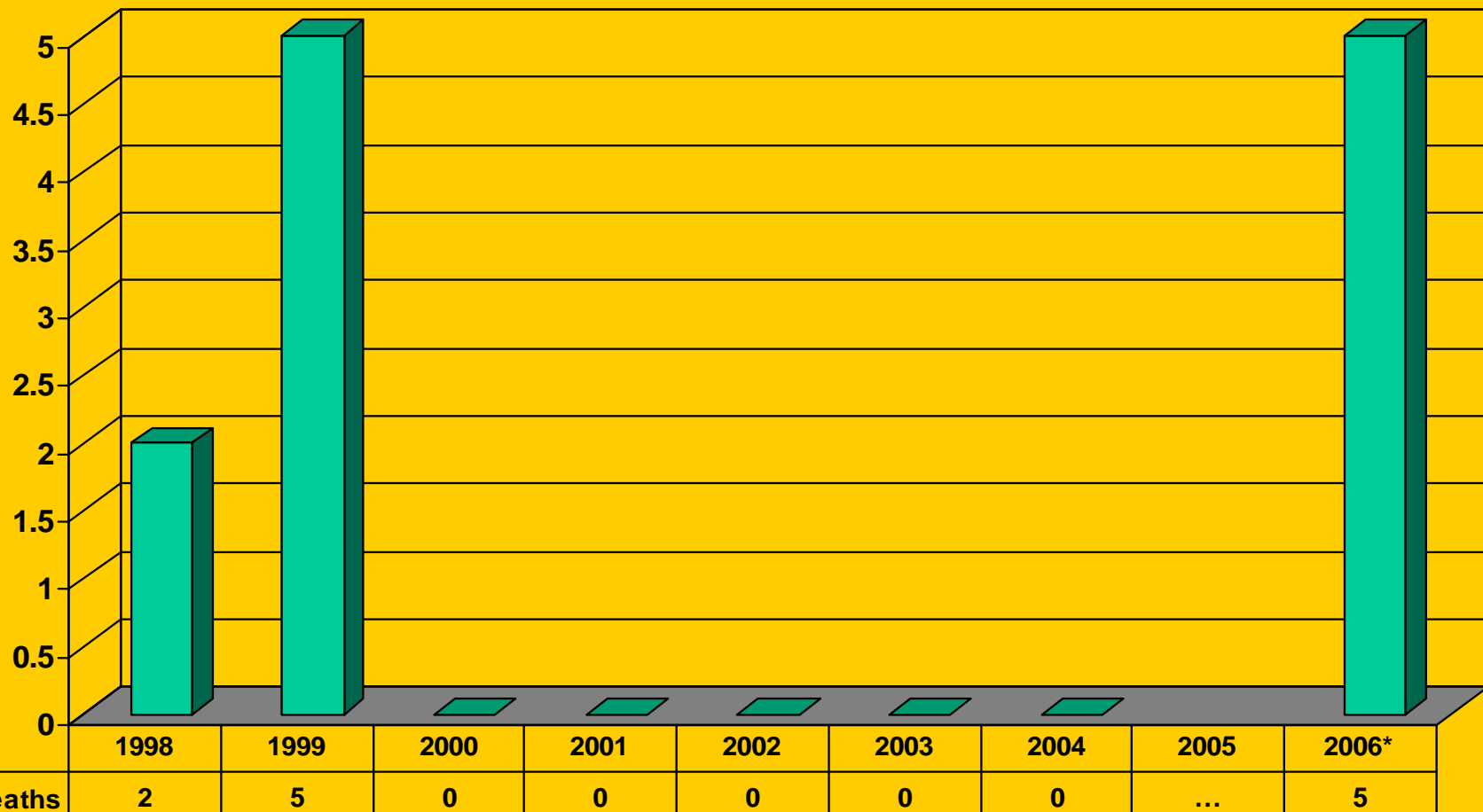
# FRENCH GUIANA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>No. of Cases</b>	3,462	5,307	3,708	3,823	3,661	3,839	3,037	4,414	4,074
<b>P. vivax</b>	552	564	657	657	954	759	600	2,233	2,227
<b>P. falciparum</b>	2,658	4,528	3,051	3,166	2,547	3,080	2,437	2,081	1,820
<b>P. malariae</b>	210	...	...	0	160	0	...	71	27

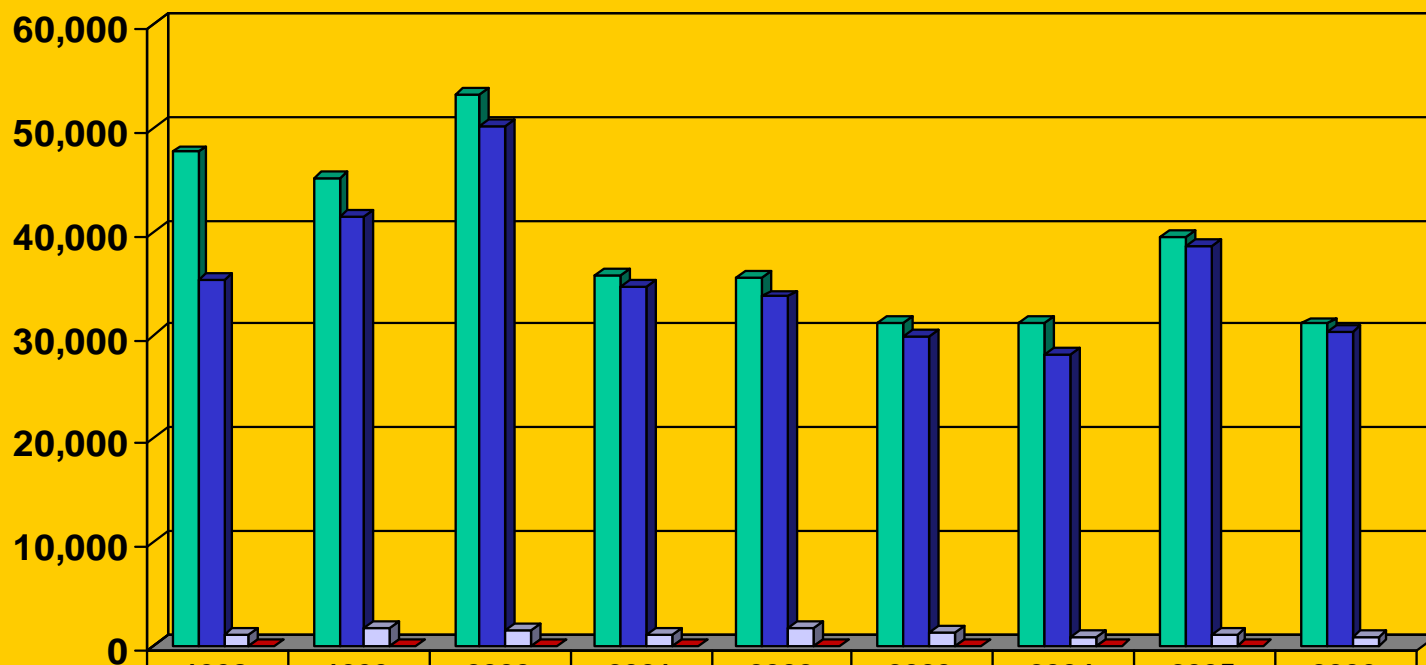


# FRENCH GUIANA: Malaria Mortality, 1998–2006 (number of deaths)





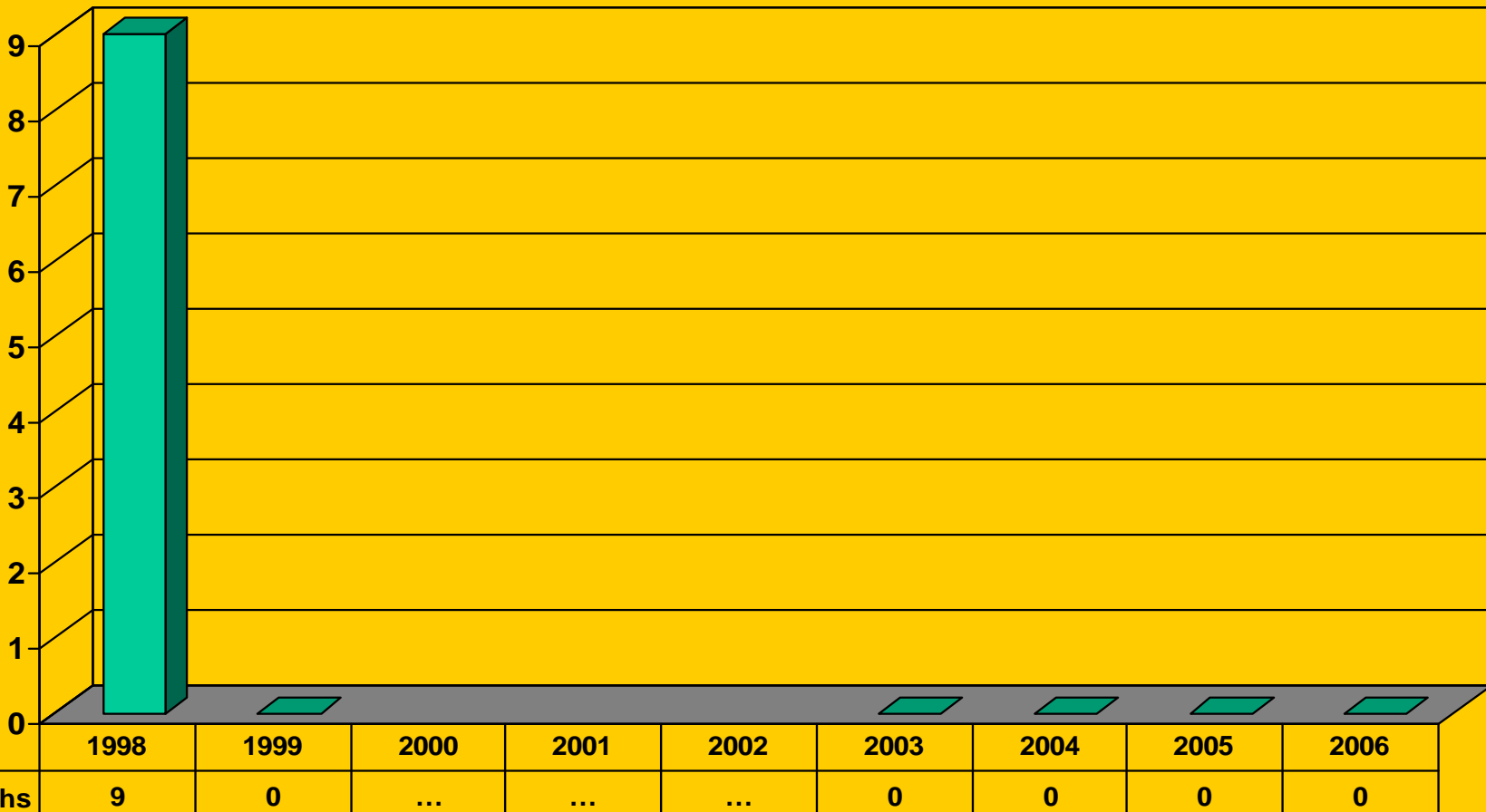
# GUATEMALA: Malaria Morbidity, 1998-2006 (number of positive blood slides)



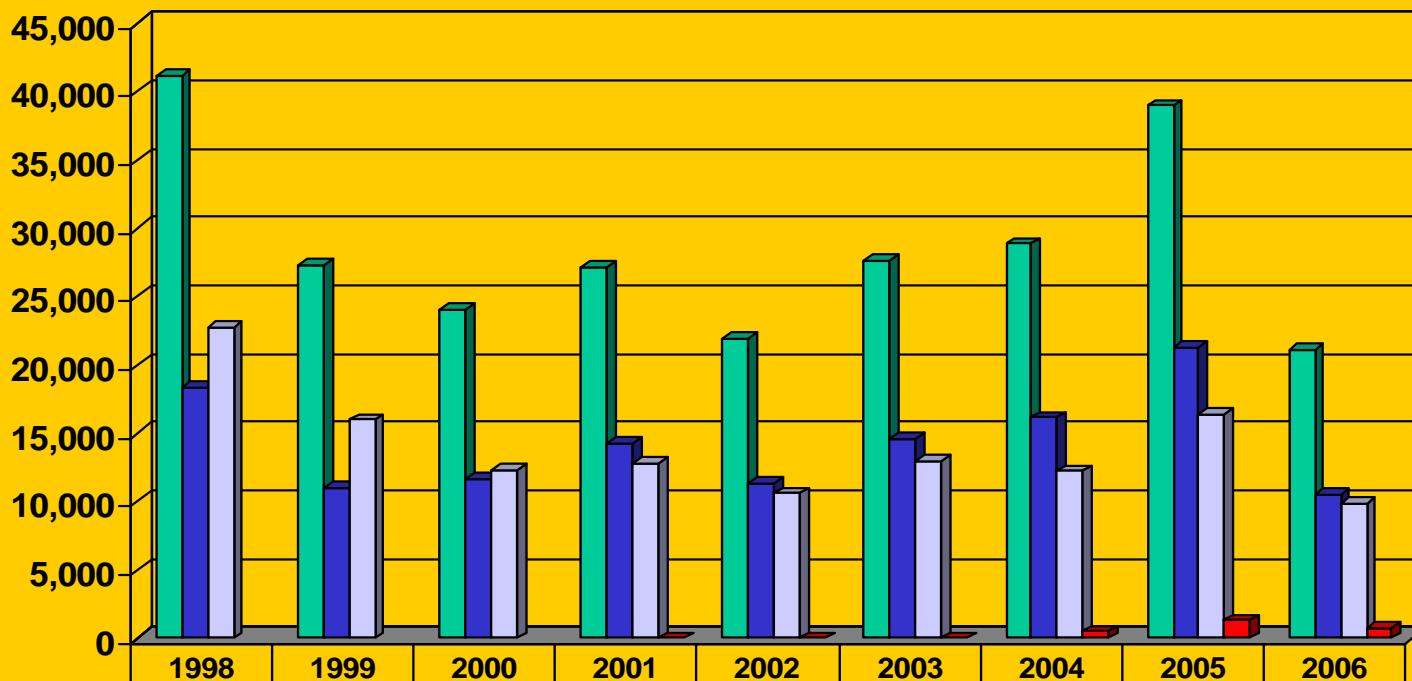
	1998	1999	2000	2001	2002	2003	2004	2005	2006
No. of Cases	47,689	45,098	53,311	35,824	35,540	31,127	31,127	39,571	31,093
P. vivax	35,355	41,376	50,171	34,772	33,695	29,817	28,103	38,641	30,289
P. falciparum	1,049	1,689	1,474	1,052	1,825	1,310	852	1,062	804
p. malariae	0	0	36	0	0	0	0	48	..



# GUATEMALA: Malaria Mortality, 1998-2006 (number of deaths)



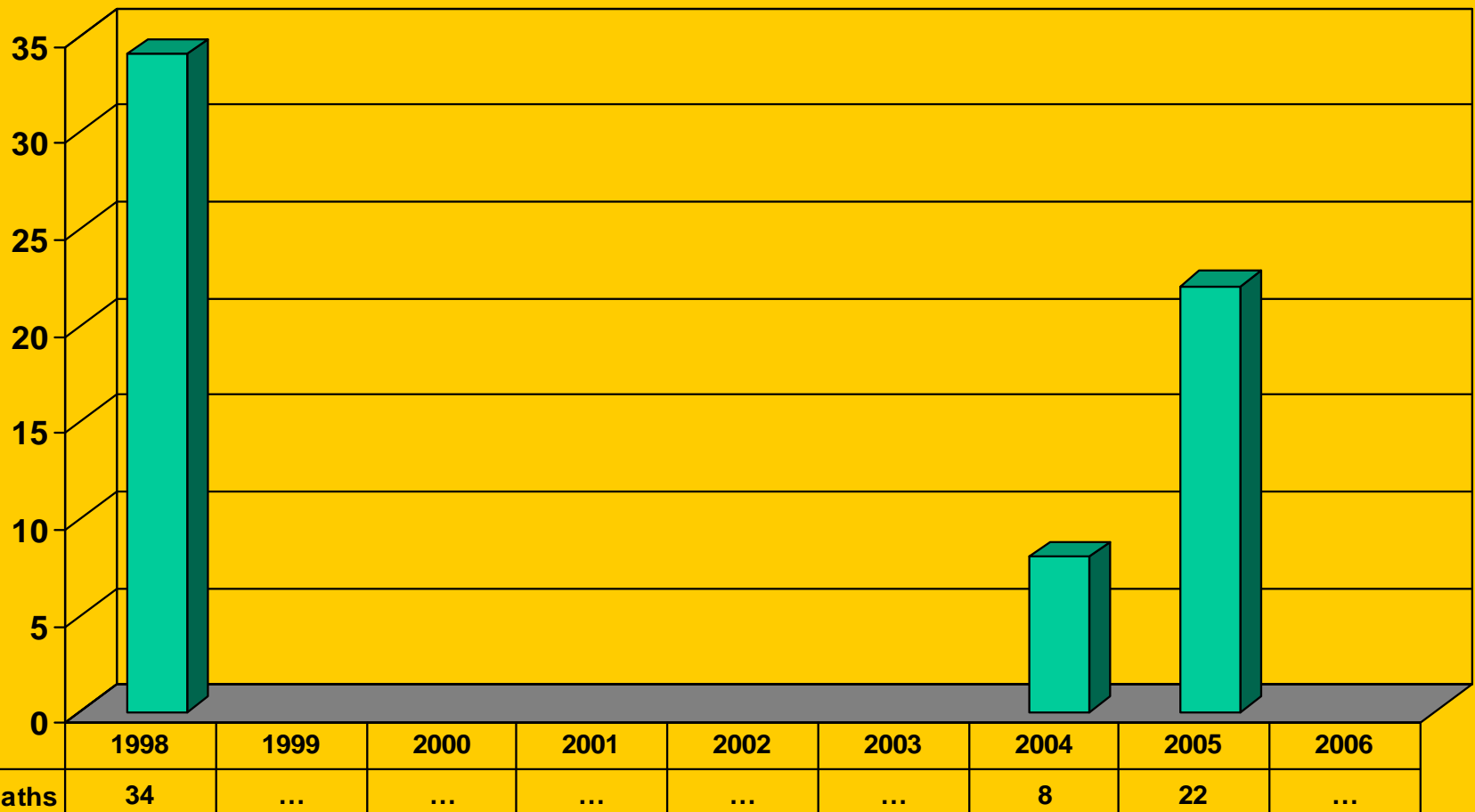
# GUYANA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



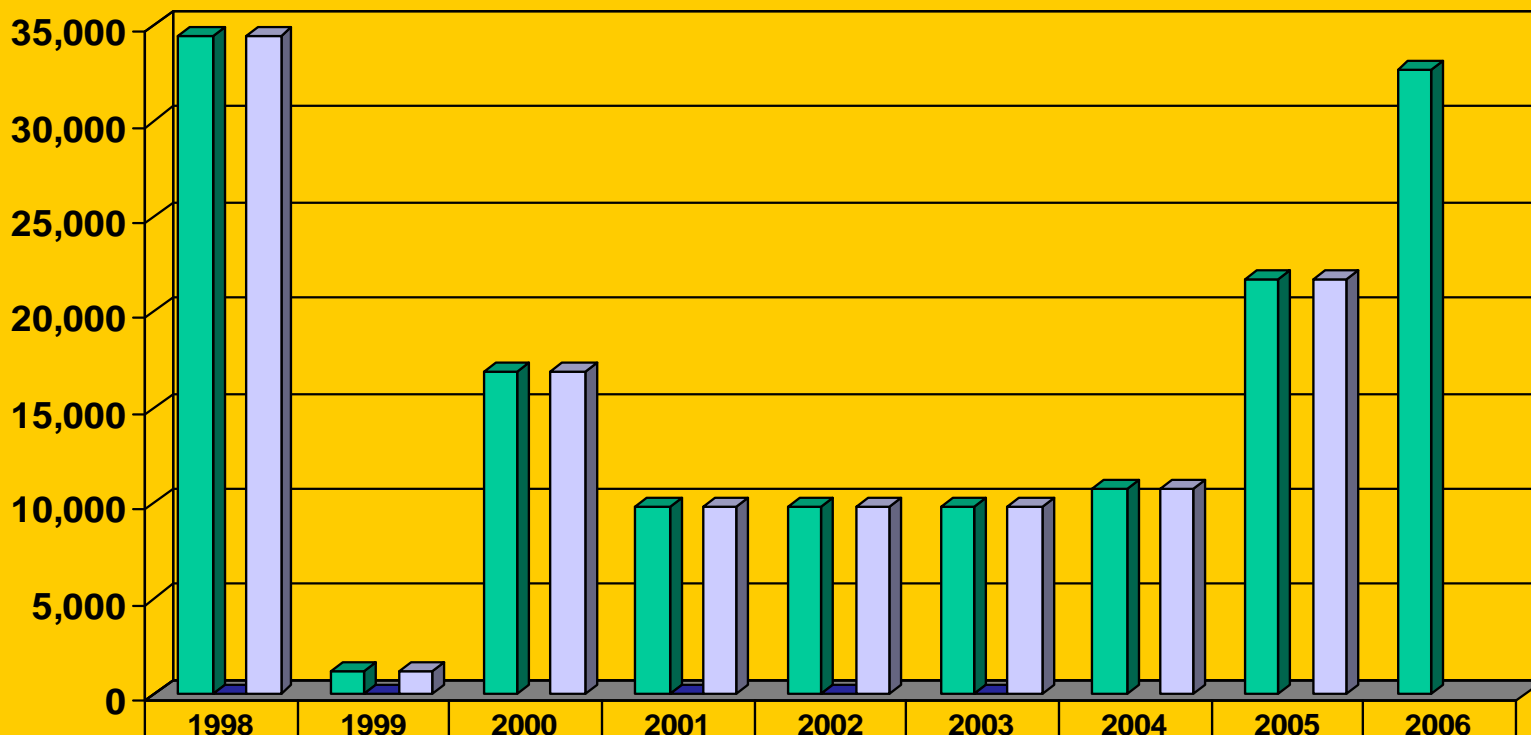
	1998	1999	2000	2001	2002	2003	2004	2005	2006
No. of Cases	41,200	27,283	24,018	27,122	21,895	27,627	28,866	38,984	21,064
P. vivax	18,401	11,052	11,694	14,291	11,296	14,654	16,141	21,255	10,560
P. falciparum	22,799	15,968	12,324	12,831	10,599	12,970	12,234	16,394	9,818
P. malariae	...	...	...	0	0	3	491	1,291	686






# GUYANA: Malaria Mortality, 1998–2006 (number of deaths)



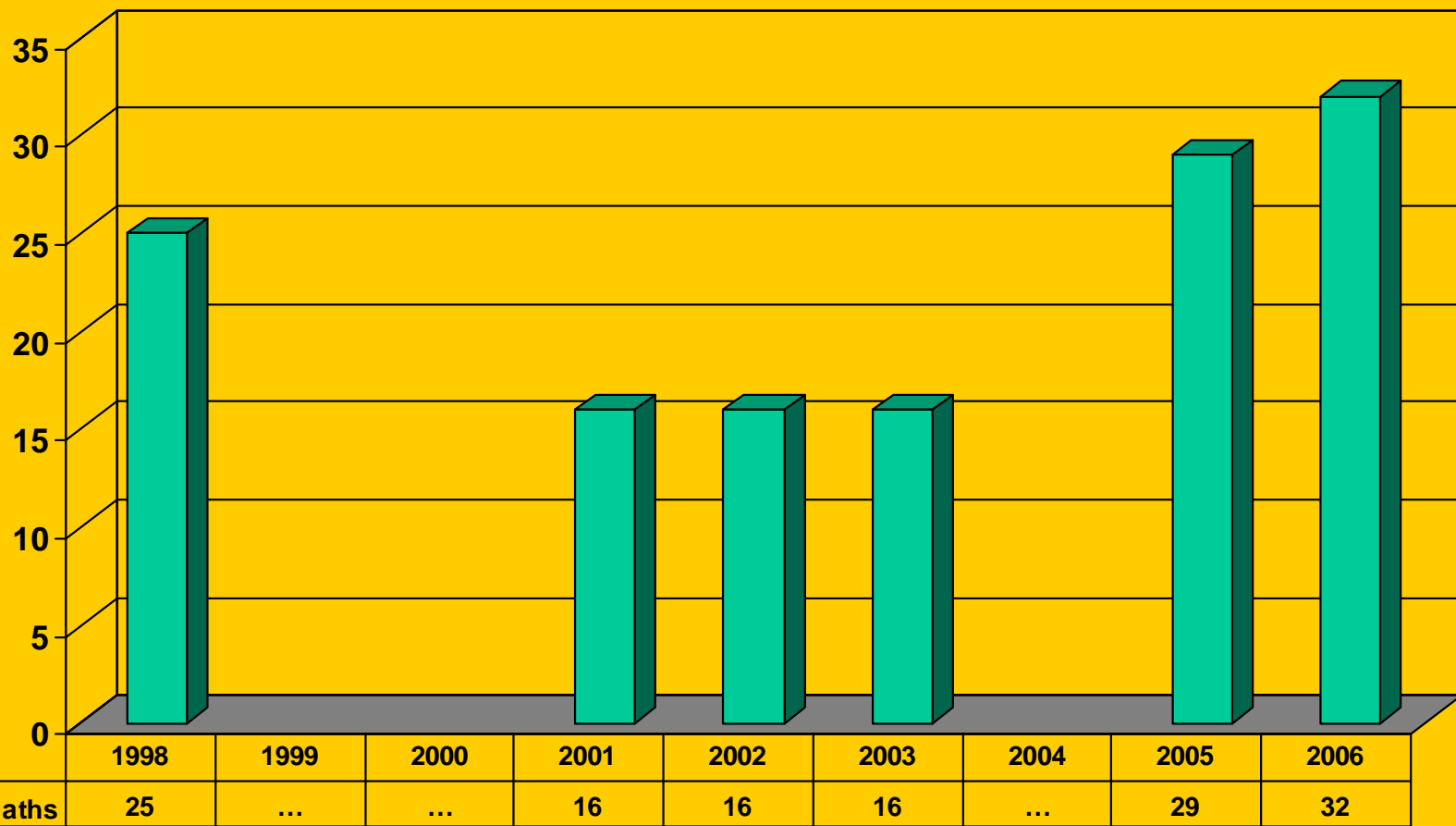
# HAITI: Malaria Morbidity, 1998–2006 (number of positive blood slides)



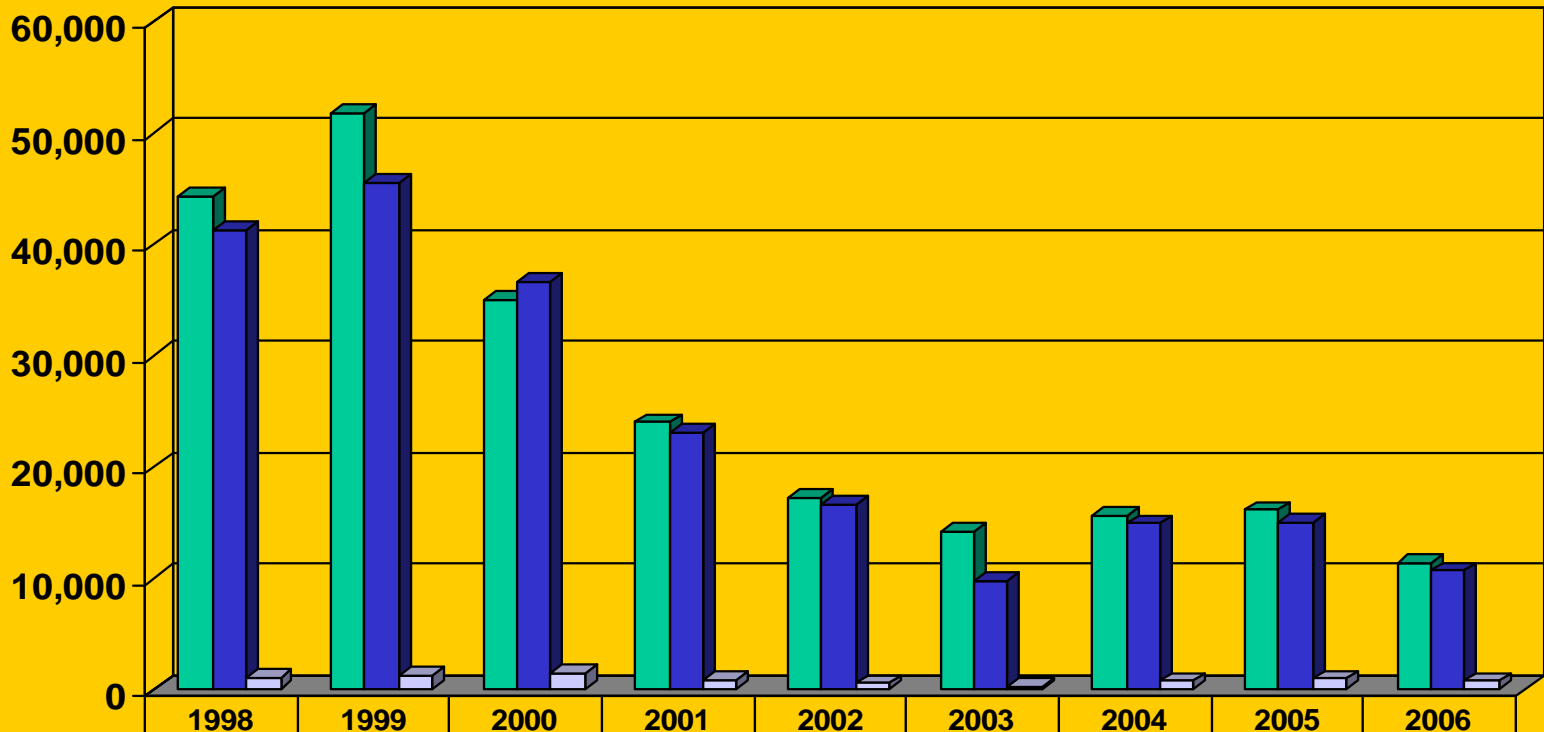
 No. of Cases	34449	1196	16897	9837	9837	9837	10802	21778	32739
 P. vivax	0	0	...	0	0	0	...	...	...
 P. falciparum	34449	1196	16897	9837	9837	9837	10802	21778	...



# HAITI: Malaria Mortality, 1998-2006 (number of deaths)



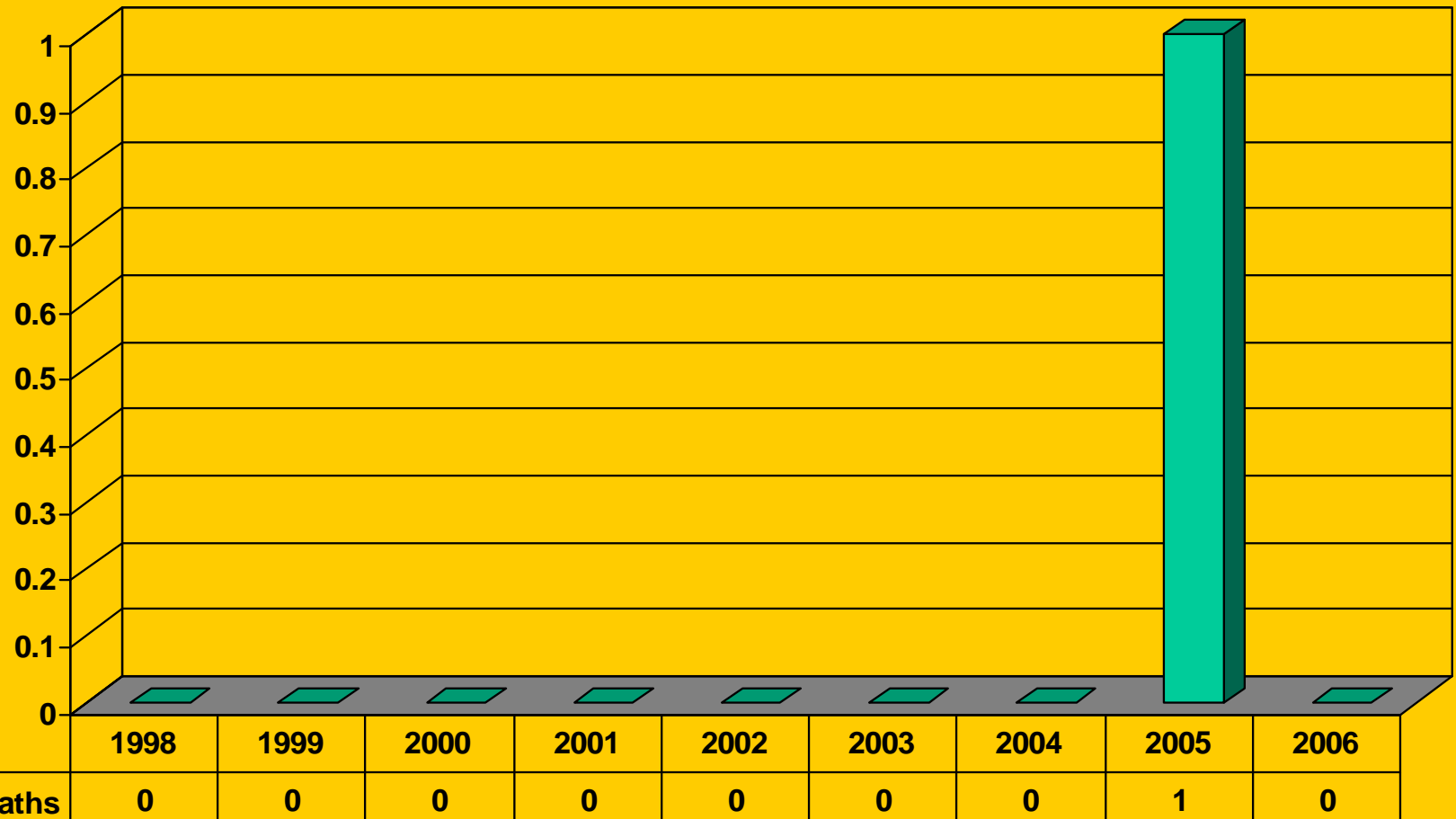
# HONDURAS: Malaria Morbidity, 1998–2006 (number of positive blood slides)



■ No. of Cases	44,337	51,911	35,125	24,023	17,223	14,271	15,689	16,121	11,457
■ P. vivax	41,338	45,520	36,676	23,085	16,617	9,799	14,926	15,008	10,701
■ P. falciparum	1,063	1,216	1,467	938	606	323	763	999	758

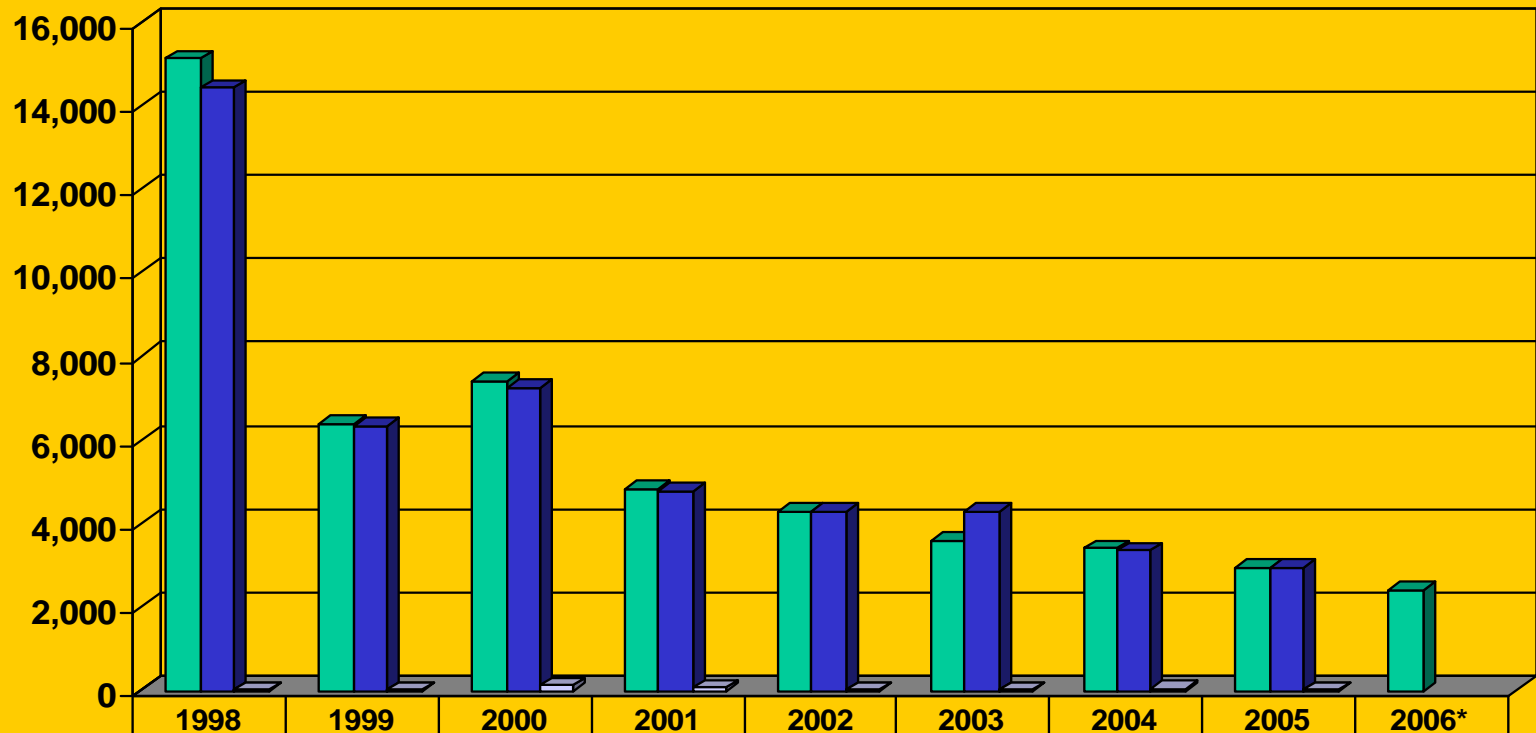


# HONDURAS: Malaria Mortality, 1998-2006 (number of deaths)





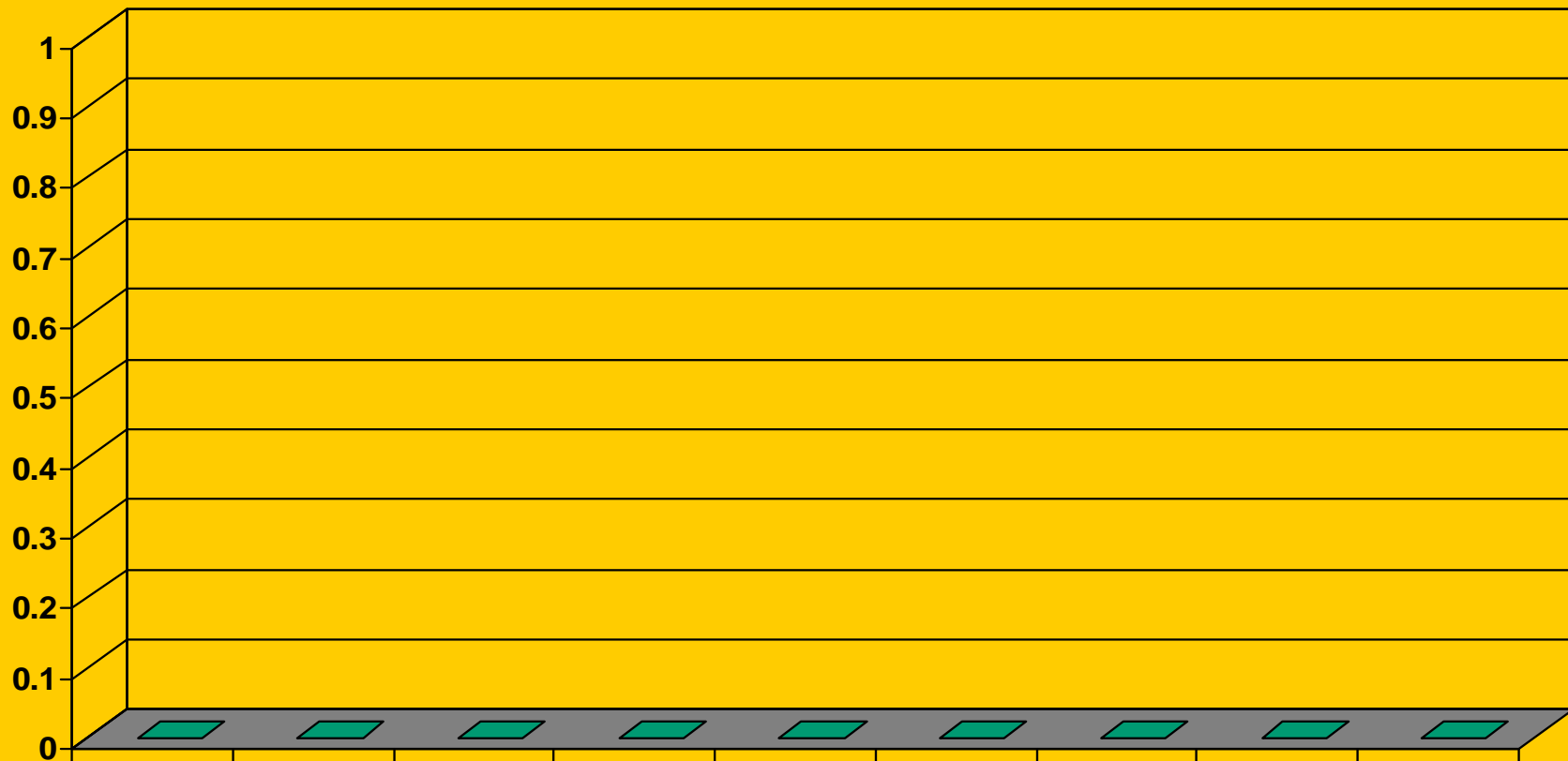
# MEXICO: Malaria Morbidity, 1998–2006 (number of positive blood slides)



	1998	1999	2000	2001	2002	2003	2004	2005	2006*
<span style="color: cyan;">■</span> No. of Cases	15,121	6,402	7,390	4,831	4,289	3,586	3,406	2,967	2,415
<span style="color: blue;">■</span> P. vivax	14,423	6,346	7,259	4,761	4,272	4,272	3,357	2,945	...
<span style="color: white;">■</span> P. falciparum	20	16	131	70	17	17	49	22	...



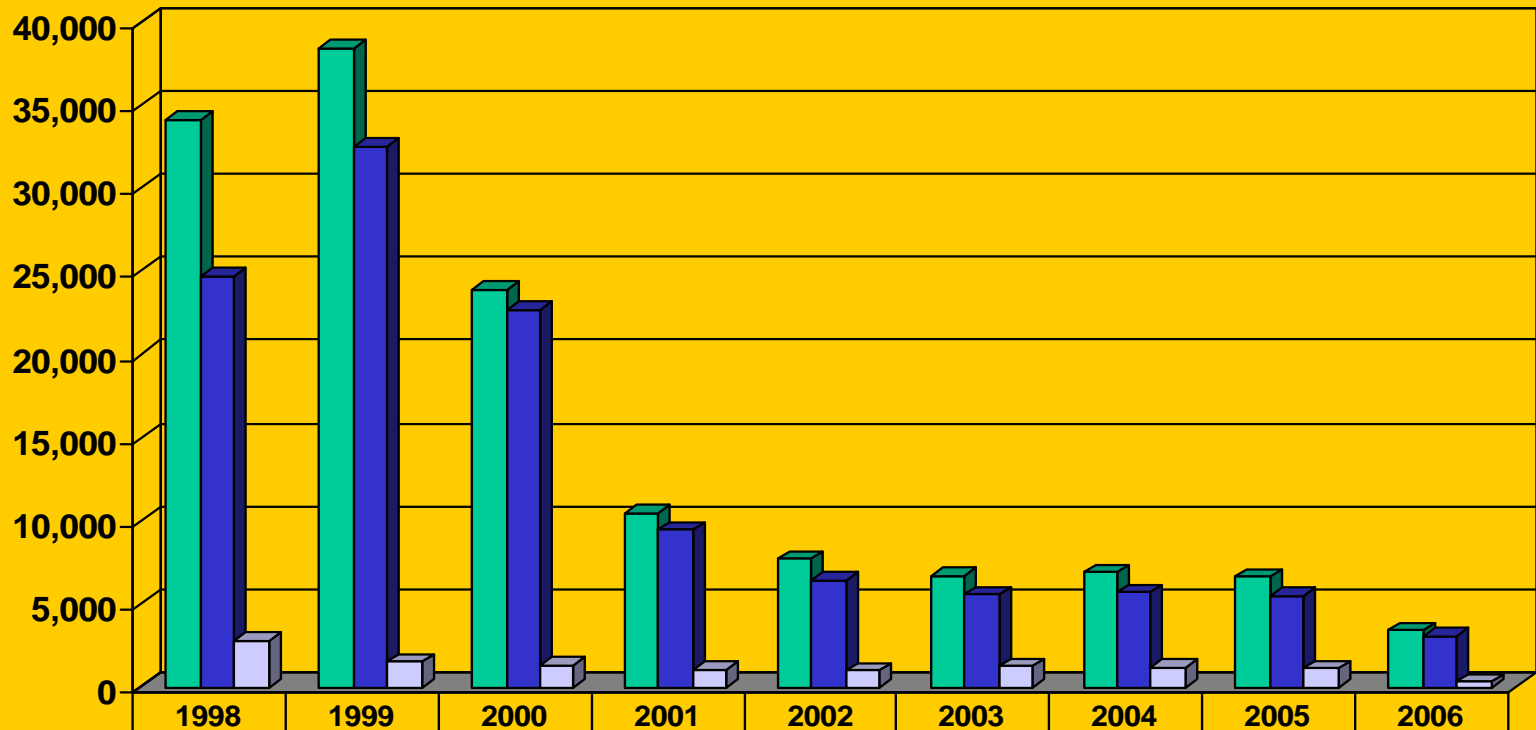
# MEXICO: Malaria Mortality, 1998–2006 (number of deaths)



No. of Deaths	1998	1999	2000	2001	2002	2003	2004	2005	2006*
	0	0	0	0	0	0	0	0	0



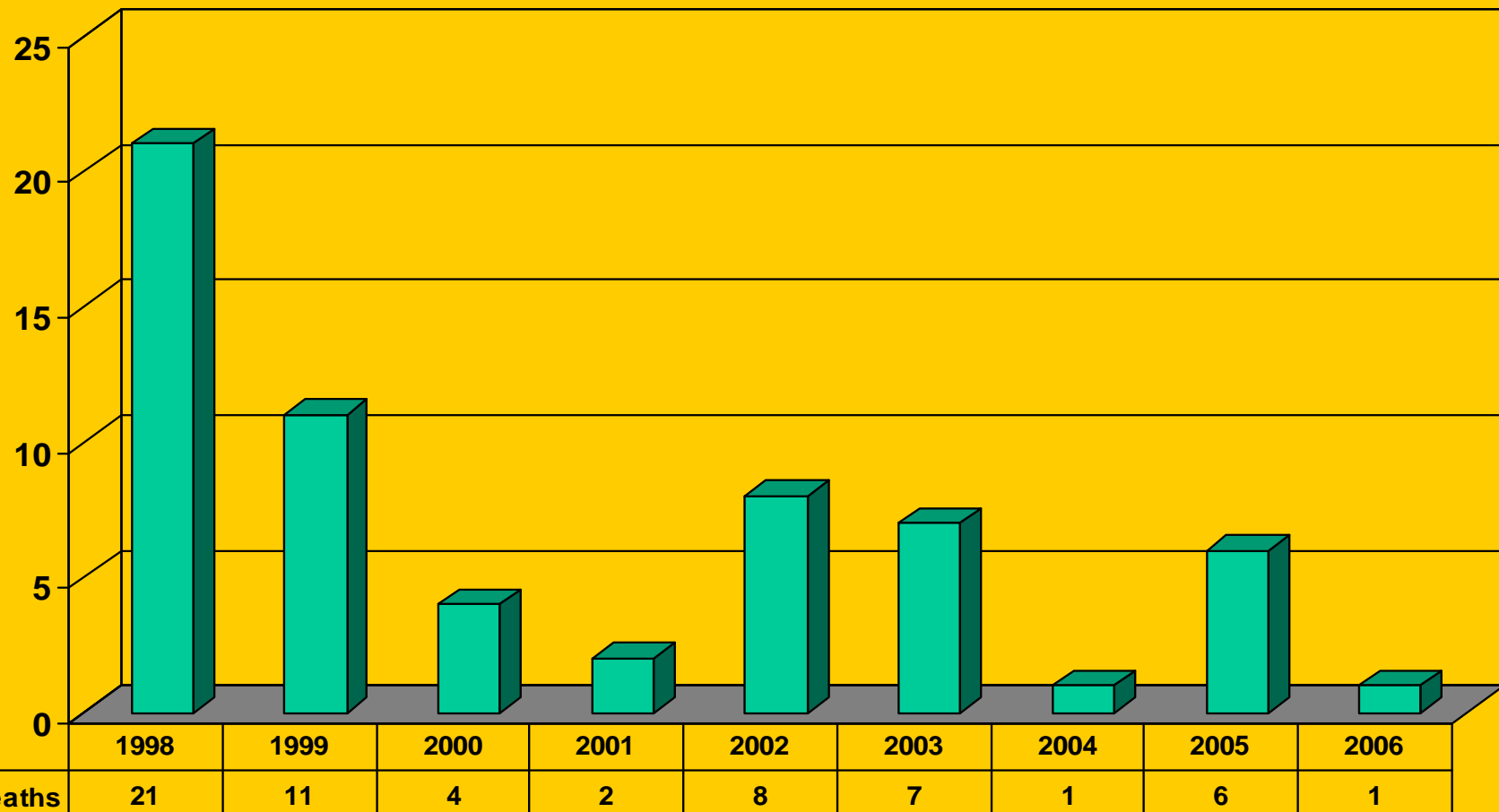
# NICARAGUA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



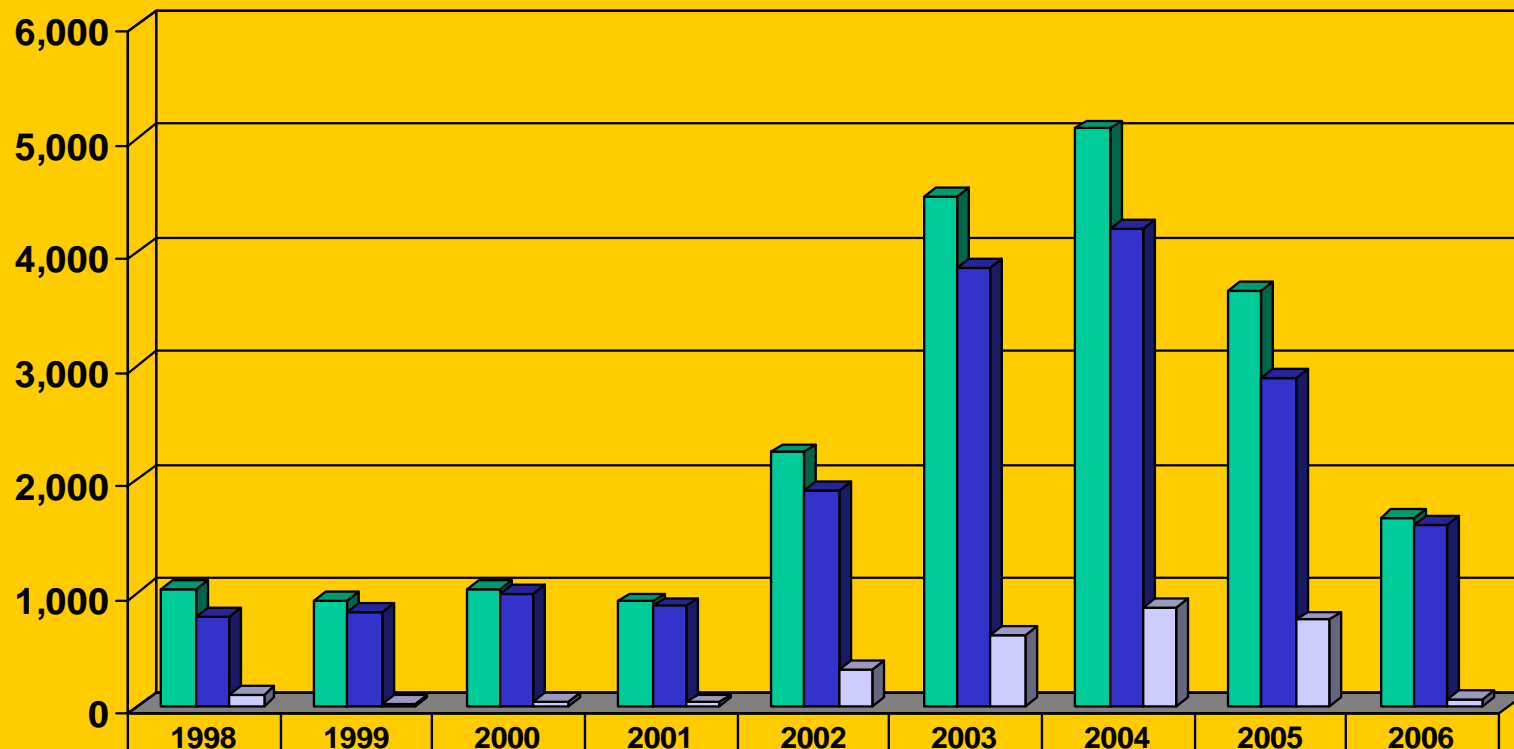
■ No. of Cases	34,108	38,413	23,878	10,498	7,695	6,717	6,897	6,617	3,390
■ P. vivax	24,673	32,532	22,645	9,441	6,474	5,567	5,697	5,513	3,071
■ P. falciparum	2,843	1,538	1,369	1,041	992	1,245	1,200	1,104	319



# NICARAGUA: Malaria Mortality, 1998–2006 (number of deaths)



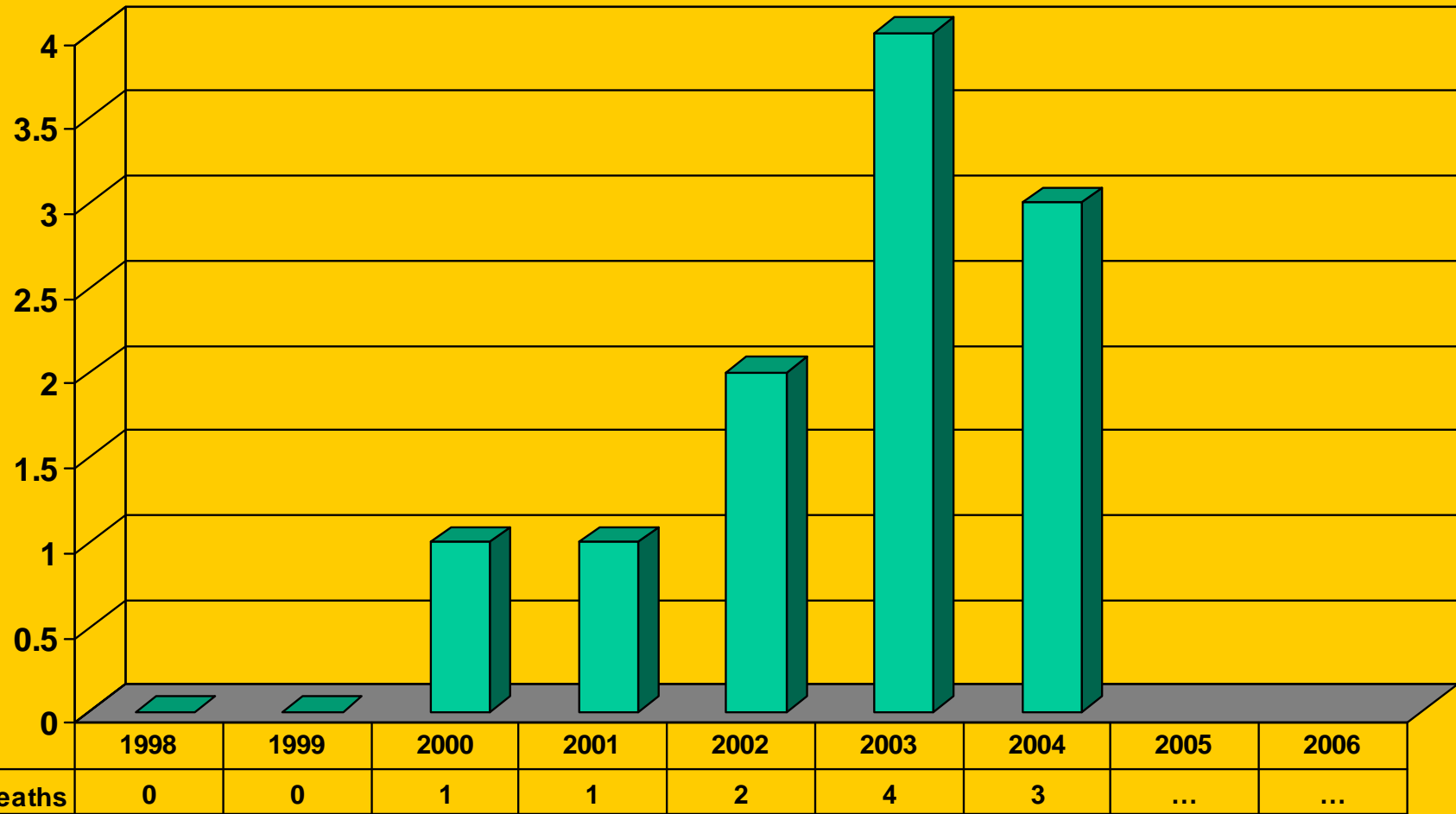
# PANAMA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



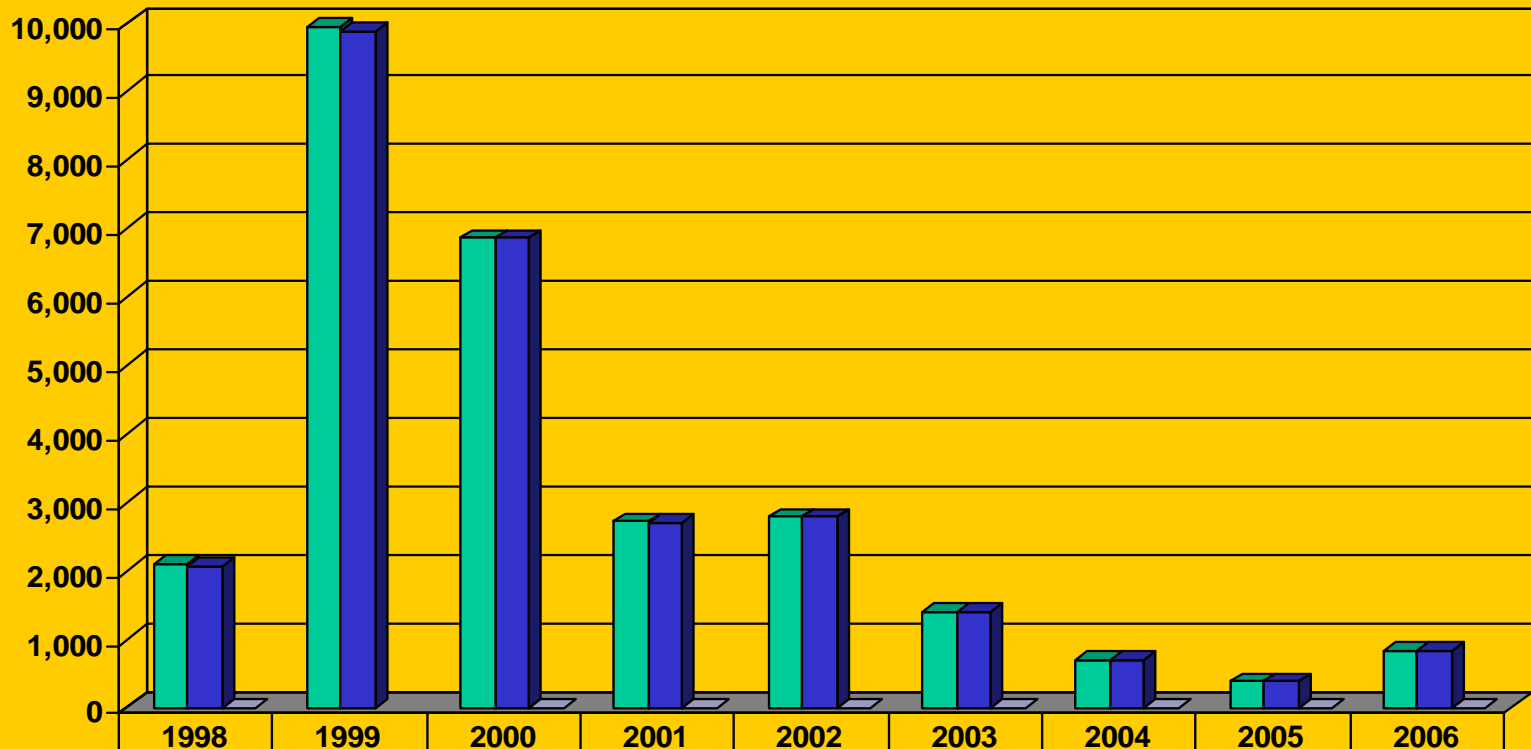
	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>No. of Cases</b>	1,039	936	1,036	928	2,244	4,500	5,095	3,667	1,663
<b>P. vivax</b>	795	841	991	889	1,907	3,873	4,213	2,901	1,601
<b>P. falciparum</b>	114	29	45	39	337	627	882	766	62



# PANAMA: Malaria Mortality, 1998–2006 (number of deaths)



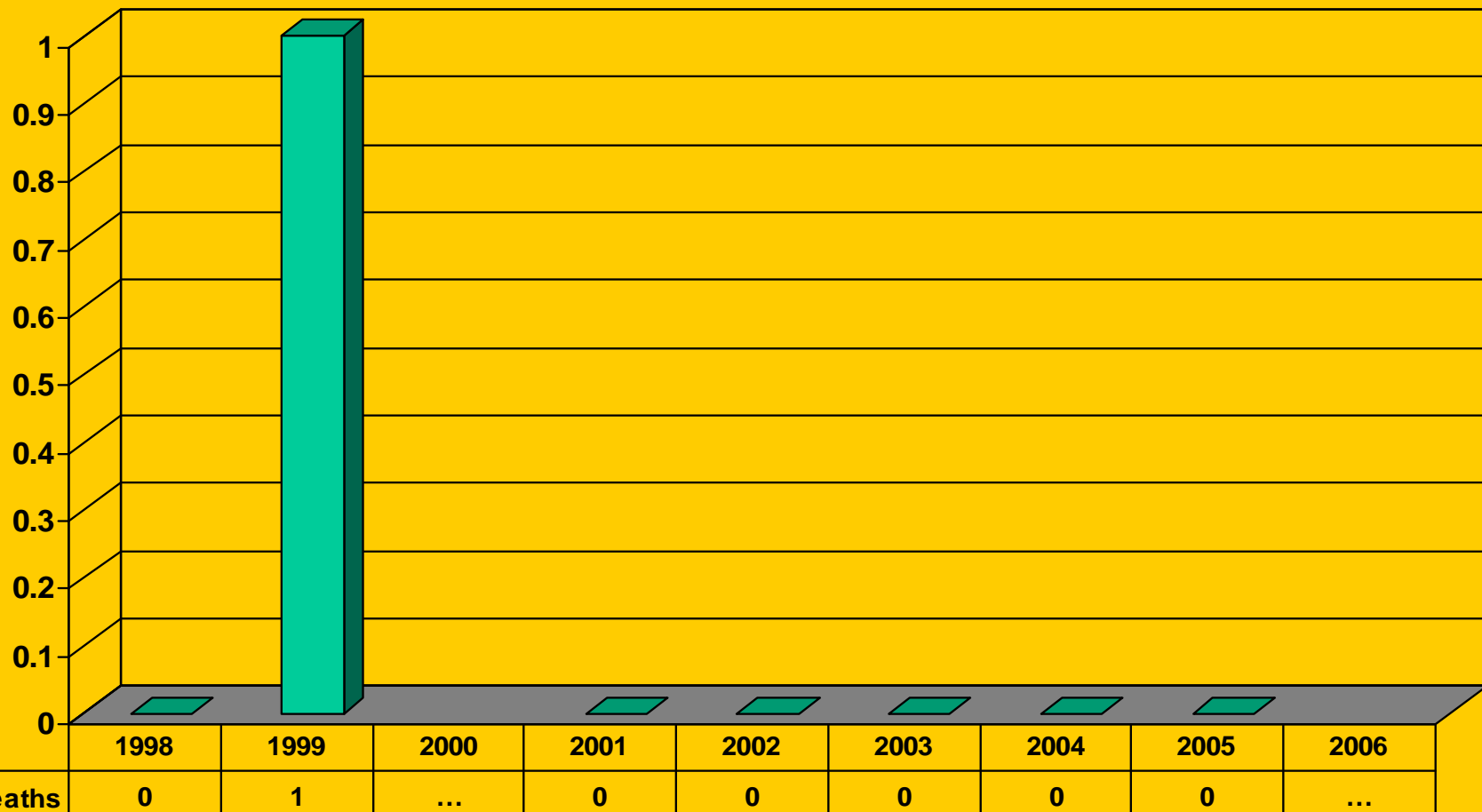
# PARAGUAY: Malaria Morbidity, 1998–2006 (number of positive blood slides)



■ No. of Cases	2,091	9,947	6,853	2,710	2,778	1,392	694	376	823
■ P. vivax	2,063	9,861	6,853	2,706	2,777	1,389	693	376	821
■ P. falciparum	1	...	0	4	0	3	1	0	2

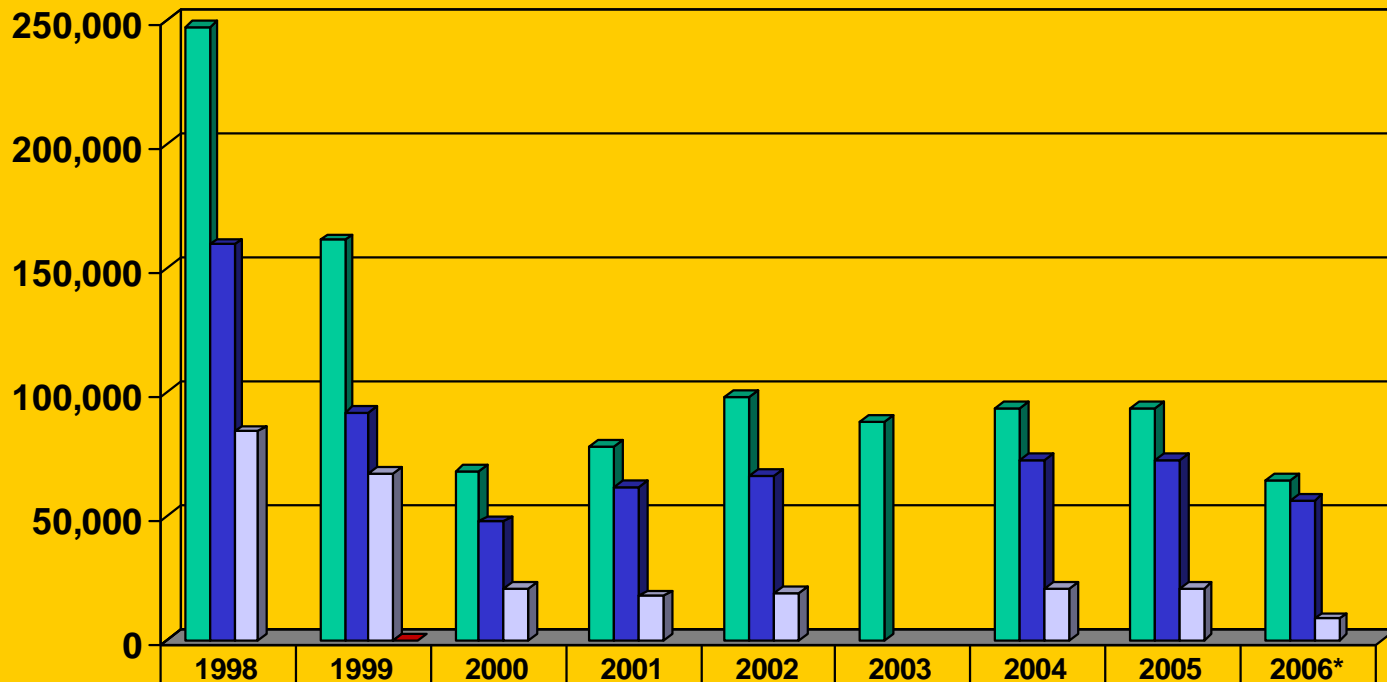


# PARAGUAY: Malaria Mortality, 1998–2006 (number of deaths)





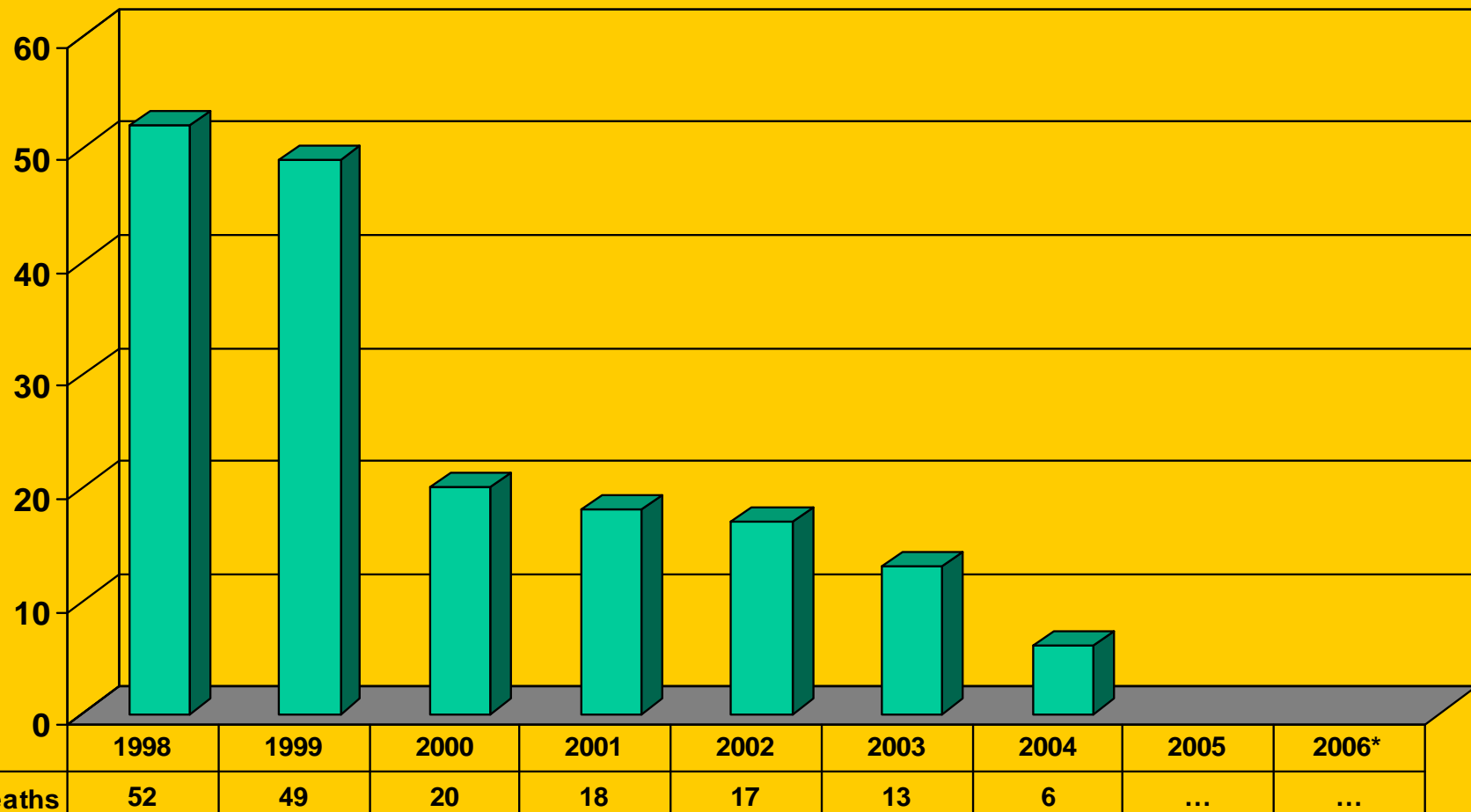
# PERU: Malaria Morbidity, 1998–2006 (number of positive blood slides)



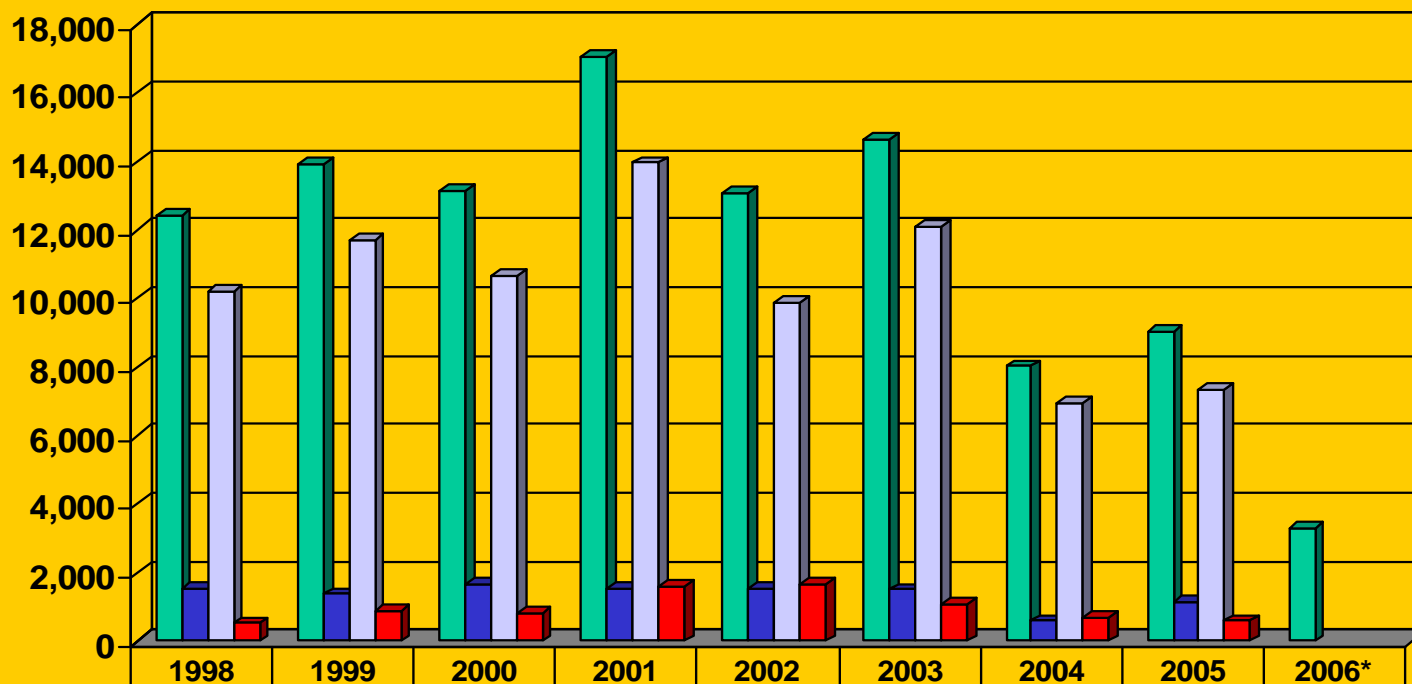
	1998	1999	2000	2001	2002	2003	2004	2005	2006*
No. of Cases	247,229	161,292	68,321	78,544	98,292	88,403	93,581	93,581	64,871
P. vivax	159,566	91,795	47,690	61,680	66,588	...	72,676	72,676	56,171
P. falciparum	84,008	66,988	20,618	17,687	19,154	...	20,905	20,905	8,700
P. malariae	...	46	...	...	...	...	...	...	...



# PERU: Malaria Mortality, 1998-2006 (number of deaths)



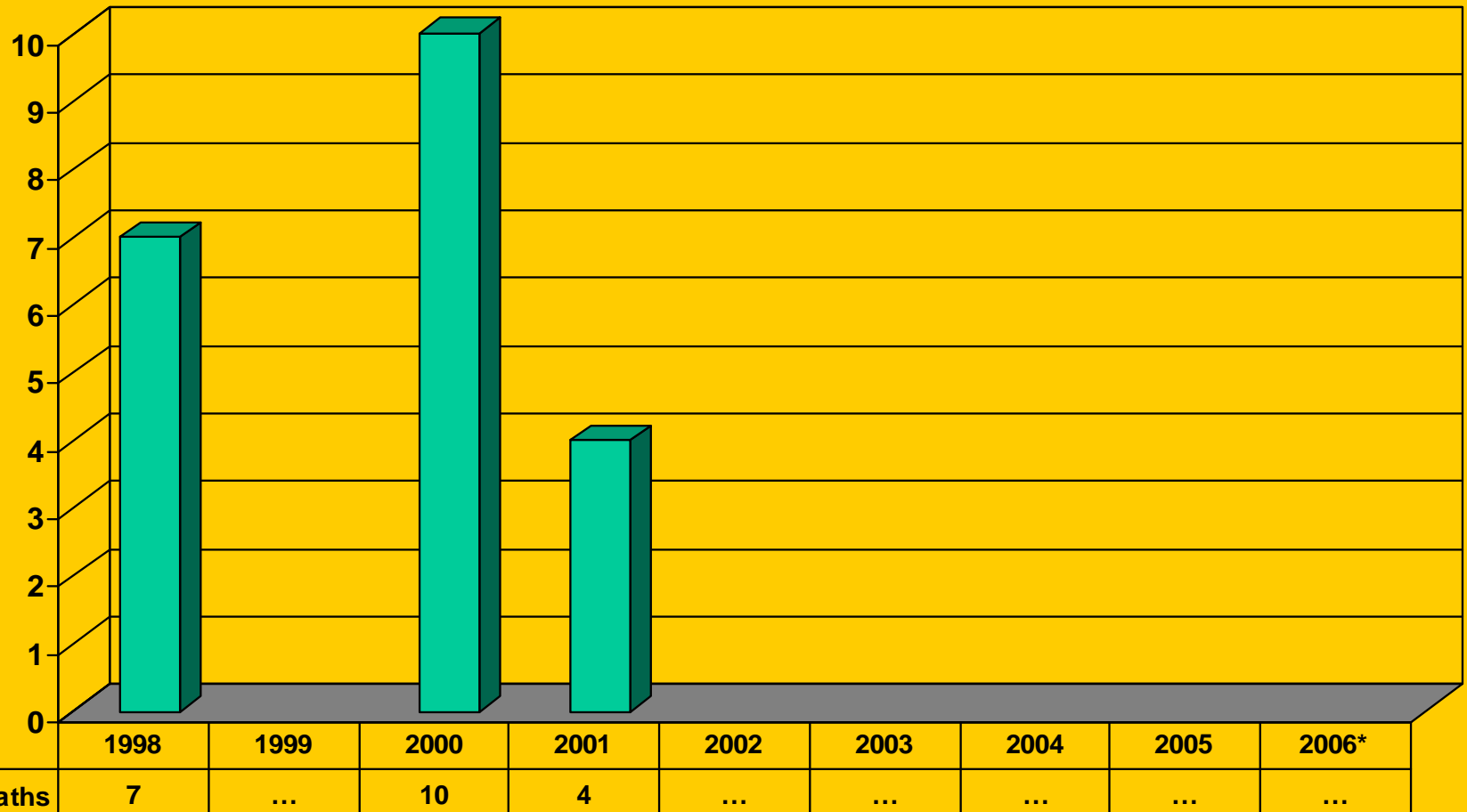
# SURINAME: Malaria Morbidity, 1998–2006 (number of positive blood slides)



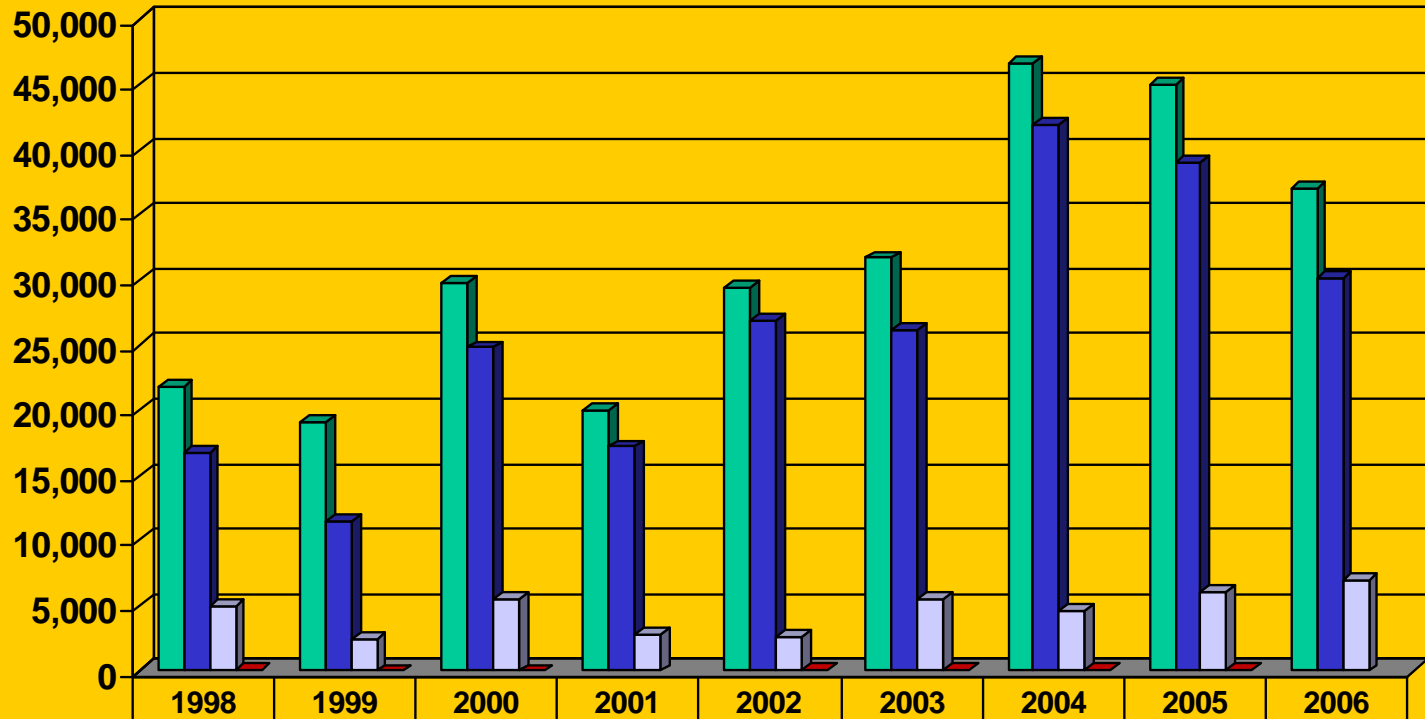
	1998	1999	2000	2001	2002	2003	2004	2005	2006*
No. of Cases	12,412	13,939	13,132	17,074	13,091	14,657	8,021	9,014	3,267
P. vivax	1,556	1,371	1,673	1,532	1,535	1,494	588	1,115	...
P. falciparum	10,187	11,685	10,648	13,957	9,906	12,078	6,944	7,317	...
P. malariae	520	883	811	1,585	1,650	1,085	657	582	...



# SURINAME: Malaria Mortality, 1998-2006 (number of deaths)



# VENEZUELA: Malaria Morbidity, 1998–2006 (number of positive blood slides)



	1998	1999	2000	2001	2002	2003	2004	2005	2006
<span style="color: cyan;">■</span> No. of Cases	21,862	19,086	29,736	20,006	29,491	31,719	46,655	45,049	37,062
<span style="color: blue;">■</span> P. vivax	16,819	11,435	24,829	17,224	26,907	26,111	41,972	38,985	30,111
<span style="color: lightblue;">■</span> P. falciparum	4,980	2,499	5,491	2,774	2,572	5,562	4,620	6,026	6,928
<span style="color: red;">■</span> P. malariae	16	7	1	...	12	46	63	38	...



# VENEZUELA: Malaria Mortality, 1998–2006 (number of deaths)

