

The ILA online atlas of leprosy

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Leprosy new case detection trends (NCD): global, South East Asia and India 1991 - 2010

Figure 1.

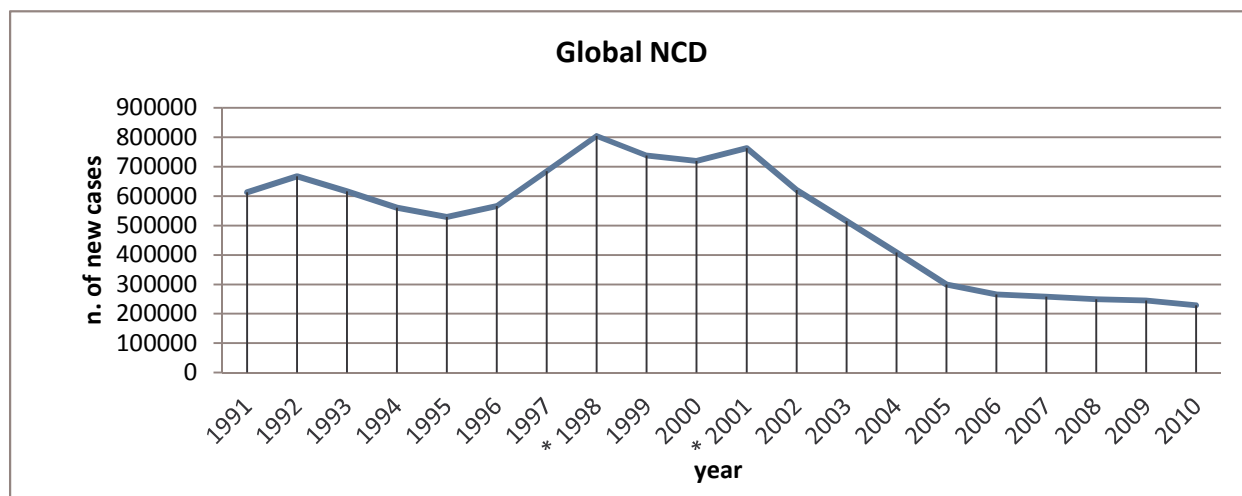


Figure 2.

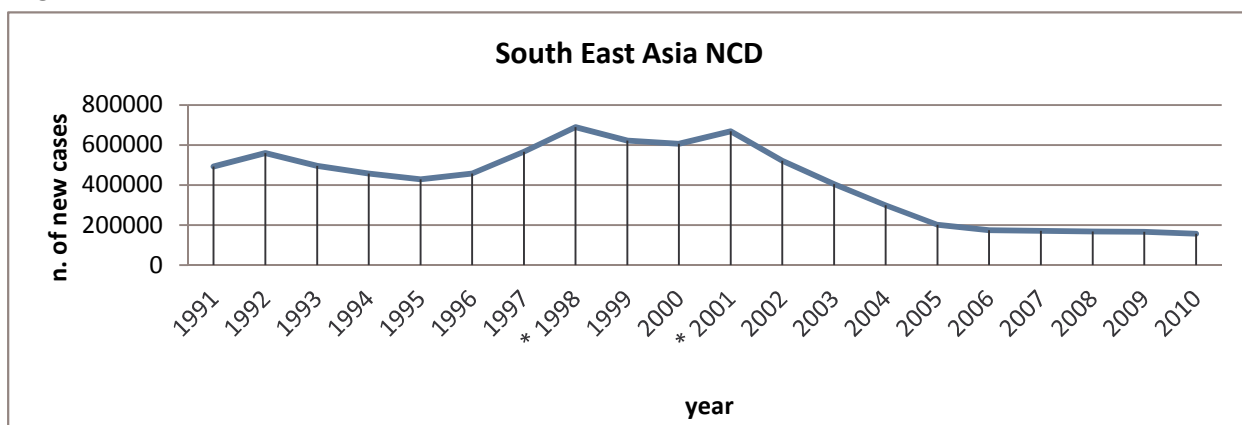


Figure 3.

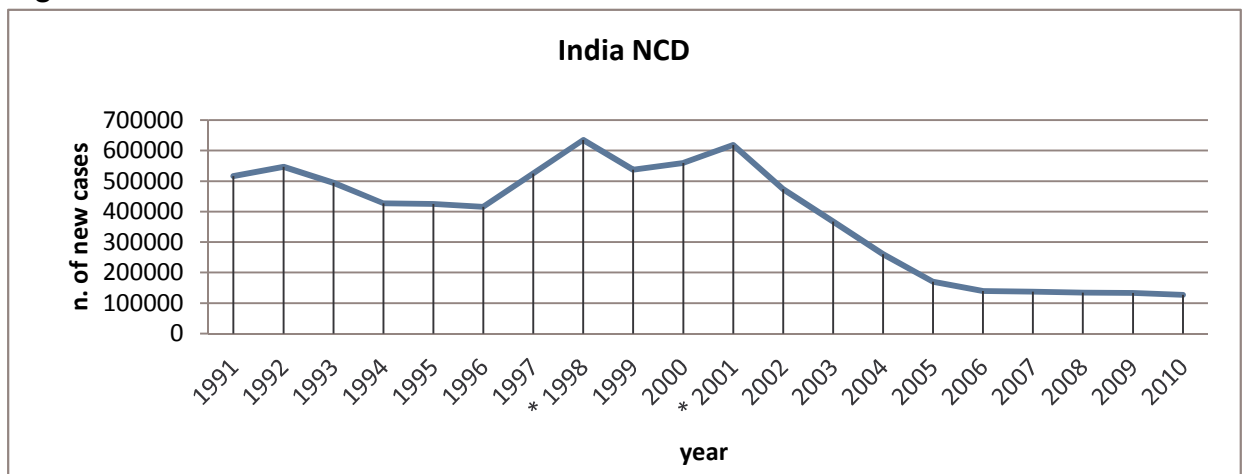


Figure 3. shows the annual leprosy NCD trend in India. In 1998 and 2001 are reported two major peaks. Between 2001 and 2005 there is a steady decrease and then the levelling off of the indicator. It is this trend in India that has determined the shape of the South-East and Global figures (Figures 2. and 1 respectively). In leprosy something “exceptional” has happened in India between 1996 and 2006. Namely the increase in NCD between 1996 and 1998 and the decrease reported from 2001 to 2005 are faster than expected for a chronic disease like leprosy. Among the many operational factors that may have determined this particular trend are increased, “exceptional”, efforts in case detection activities with clearance of the backlog cases (cases with onset of the disease in previous years). These could explain the fast increase in NCD, the fast decrease of the indicator and its levelling off to values nearer to the true incidence of the disease in the 2006-2010 period.

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Table 1.

	Global	South-East Asia	India
year	NCD	NCD	NCD
1980	NA		
1981	NA		
1982	NA		
1983	NA		
1984	NA		
1985	550224		477000
1986	573790		507000
1987	595145		419000
1988	553597		474000
1989	550743		466000
1990	571792		481000
1991	613016	492292	517000
1992	667133	559765	547000
1993	615830	495344	494000
1994	560646	456882	427000
1995	529376	428652	425571
1996	566567	457921	415302
1997	684961	565416	524411
* 1998	804357	689069	634901
1999	738112	621620	537956
2000	719219	606703	559938
* 2001	763262	668658	617993
2002	620638	520632	473658
2003	514718	405147	367143
2004	407791	298603	260063
2005	299036	201635	169709
2006	265661	174118	139252
2007	258133	171576	137685
2008	249007	167505	134184
2009	244796	166115	133717
2010	228474	156254	126800