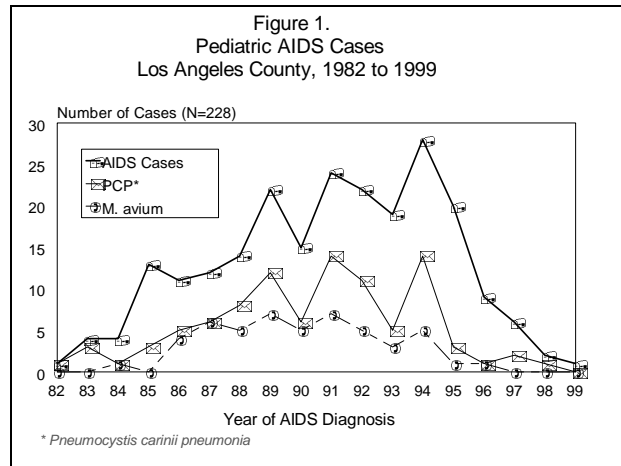


PEDIATRIC ACQUIRED IMMUNODEFICIENCY SYNDROME

CRUDE DATA	
Number of Cases	1
Annual Incidence ^a	
LA County	0.01
California	0.04
United States	0.10
Case Fatality	
LA County	65%
California	N/A
United States	N/A

^aCases per 100,000 population.



ETIOLOGY

AIDS is a syndrome caused by *human immunodeficiency virus, type 1* (HIV-1). It is defined as an illness characterized by one or more indicator diseases, and based on laboratory evidence of HIV infection. A pediatric case is a child <13 years of age with a CDC surveillance case definition of AIDS.

DISEASE ABSTRACT

Pediatric AIDS cases are reported to Los Angeles County (LAC) through an active surveillance system. Residents of LAC diagnosed with AIDS are reported to the State Office of AIDS, HIV infection is not reportable in the State of California, even though these children are followed-up from birth through 18-months of age. Based on the year of AIDS diagnosis, 228 pediatric AIDS cases were diagnosed between 1982 and 1999. Trends in AIDS-defining illnesses show that between 1982 and 1999, 97 (43%) cases were diagnosed with *Pneumocystis carinii* pneumonia (PCP), and 50 (22%) were diagnosed with *Mycobacterium avium*. In 1994, fifty percent of AIDS cases were diagnosed with PCP, this number declined in 1995 to 20%, and to zero percent in 1999. The number of cases diagnosed with *M. avium* similarly declined between 1994 and 1997, from 18% in 1994 to five percent in 1995, and zero percent in 1997 (Figure 1). Of the 228 diagnosed cases, 29 (13%) were diagnosed in 1994. This was followed by a decline in the number of newly diagnosed cases among HIV-infected children. This decline is due to earlier identification of HIV-exposed children, prevention of perinatal transmission, and use of drug therapies, which delay the incidence of AIDS-defining illnesses, as well as the screening of blood supply.

DATA

The single pediatric AIDS case was an African-American male aged 2 years and 9 months. He was diagnosed with wasting syndrome in 1999. He died January 2000.

COMMENTS

The case reported in 1999 was infected perinatally by his mother. The mother was diagnosed with HIV after the child's birth.