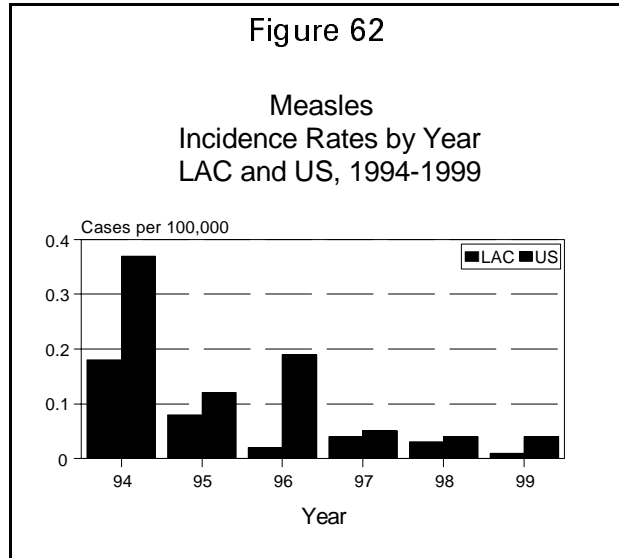


MEASLES

CRUDE DATA	
Number of Cases	1
Annual Incidence ^a	
LA County	0.01
California	0.05
United States	0.04
Age at Onset	44 yrs
Case Fatality	
LA County	0.0%
United States	N/A

^aCases per 100,000 population.



ETIOLOGY

Measles virus, a paramyxovirus in the genus *Morbillivirus*.

DISEASE ABSTRACT

In 1999, measles incidence in LAC was at a record low level. Since the recent measles epidemic peak in 1990, when the incidence reached 50.5 cases per 100,000, measles incidence in LAC has rapidly declined (Figure 62).

STRATIFIED DATA

In 1999, one confirmed measles case was reported (Table 7).

Table 7. Confirmed Measles Case Profile, 1999

Age	Race/Sex	Rash Onset	# of MMR Doses	IgM	Source of Case	Known Spread	Hosp.	Birthplace
44	White/F	April 1999	none	+	unknown	no	no	USA

Vaccination Status: The case was not vaccinated. Persons born before 1957 are generally regarded as having immunity to measles.

Importation Status: The source for this case is unknown. She had no recent travel or known contact with international travelers. Indigenous measles is considered to have been eliminated in the United States.

Hospitalization: The case was not hospitalized and had no complications.

Spread: No spread was detected from this case.

COMMENTS

All reported suspected measles cases are investigated in LAC. The minimum clinical criteria for measles are: fever of at least 101°F (or “hot” to the touch), a generalized rash lasting three or more days, and one additional clinical symptom (cough, coryza, or conjunctivitis). A case is confirmed by positive IgM serology or a four-fold increase in acute and convalescent IgG titers. In 1999, 35 suspected cases were ruled out by negative serology or subsequent diagnosis as another condition such as scarlet fever, chickenpox, or antibiotic allergy.