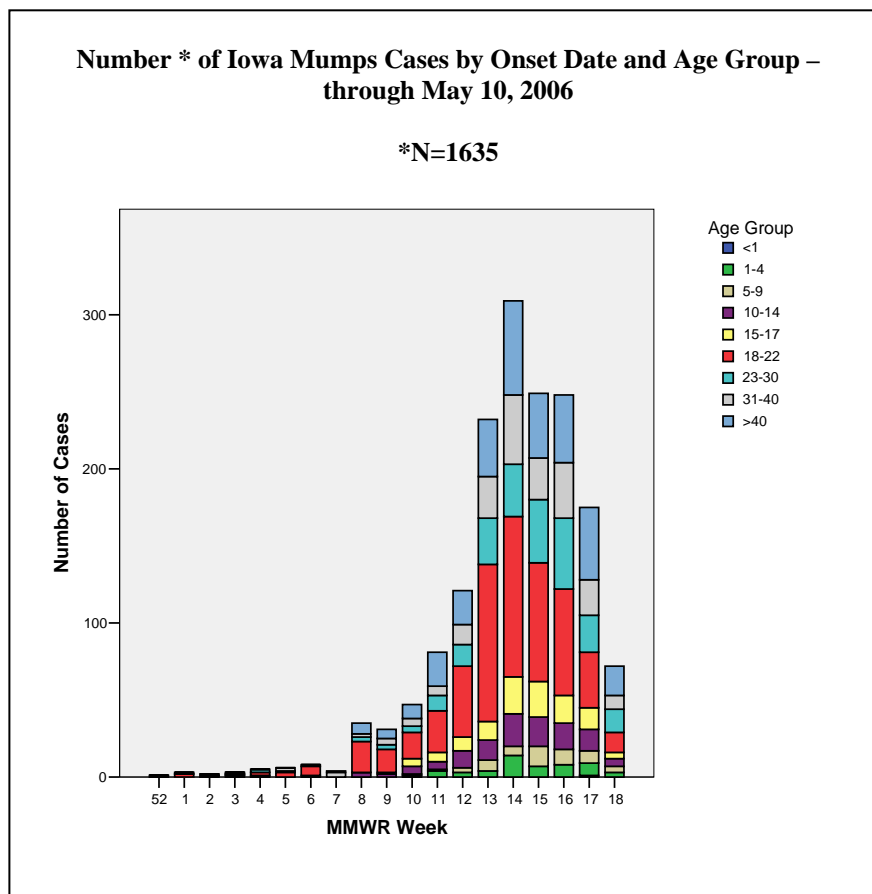


Iowa Mumps Update

Through Wednesday May 10, 2006

Overview: A total of 1674 confirmed, probable and suspect¹ cases of mumps have been reported to the Iowa Department of Public Health (IDPH) by the end of Wednesday, May 10th. Seventy-nine counties are now experiencing activity. We have received follow-up information on 1335 cases, onset date for 1635 cases, and age at onset for 1671 cases. *Cases are still being assessed for this week and previous weeks. The epi-curve is generated from onset date.* For the most recent mumps tools and documents, check the HAN or our website at <http://www.idph.state.ia.us/adper/mumps.asp>. Please direct questions regarding this report to Meghan Harris at mharris@idph.state.ia.us.

Case summary	
Number of confirmed	1184
Probable cases	253
Number of suspect cases	237
Total	1674
Number of completed follow-up reports that are cases	1335
Median age at onset	22
% Students currently attending college	20% (333/1674†)
0 MMR	6% (77/1335)
1 MMR	12% (160/1335)
2 MMR	51% (677/1335)
Unknown	31% (421/1335)
% with any history of MMR	63%
Average duration of symptoms	5 days
Epi-linked	195/1674*
Symptom distribution	
	% Affected
Parotitis	65% (867/1335)
Fever	32% (430/1335)
Sub/max swelling	43% (579/1335)
Sore throat	51% (679/1335)
Headache	28% (379/1335)
Cough	10% (128/1335)
Orchitis	8% (32/386‡)
Encephalitis	0.2 % (3/1335)
Laboratory results	
IgM+	73% (1212/1674)
Mumps Virus Isolated	11% (172/1674)
Pending (Serology Only)	3% (56/1674)
Not Done/Unknown (Serology Only)	24% (404/1674)
*Epi-linked status is not available for all initial reports.	
† College status is not available for all initial reports.	
‡ Of male cases with completed follow-up	



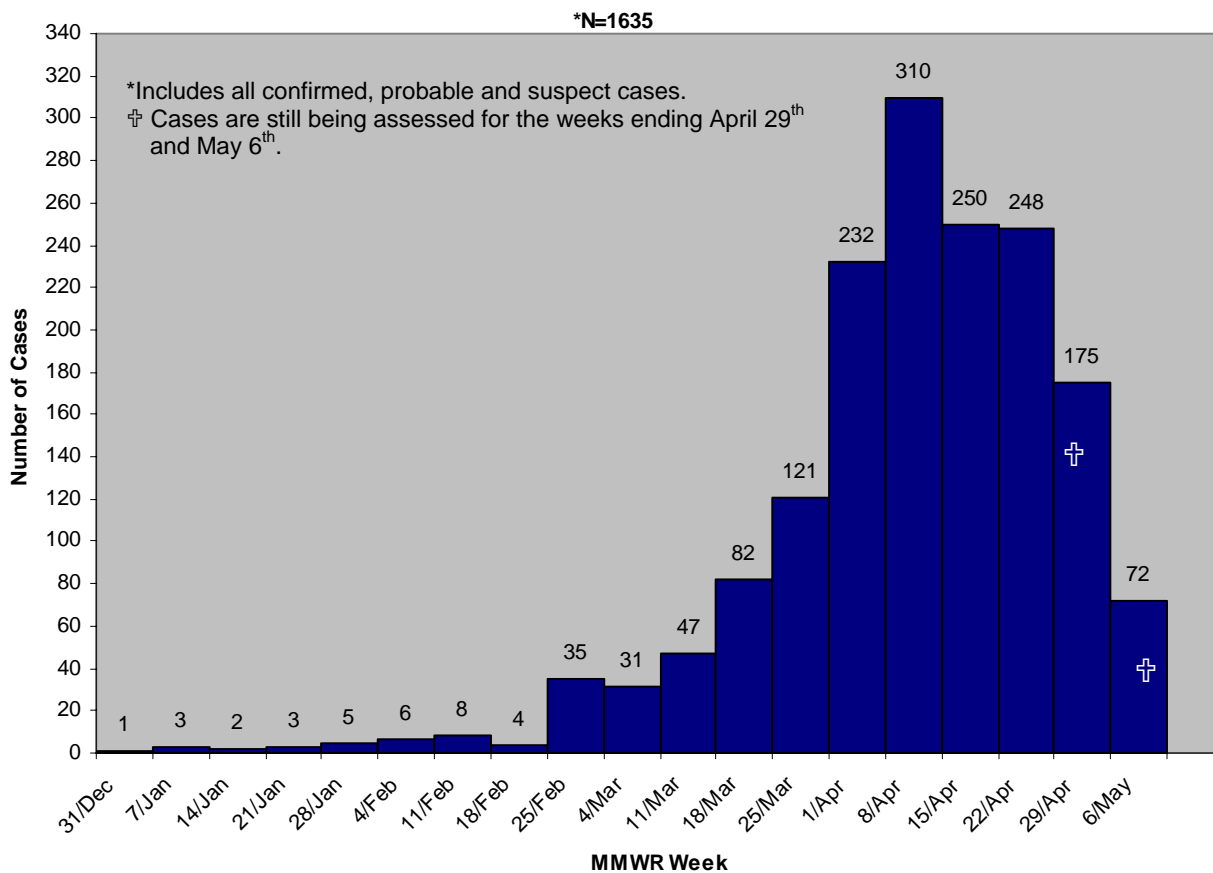
¹ **Probable:** A case that meets the clinical case definition, has noncontributory or no serologic or virologic testing, and is not epidemiologically linked to a confirmed or probable case.

Confirmed: A case that has symptoms clinically compatible with mumps and that is laboratory-confirmed or epidemiologically linked. A confirmed case may also be asymptomatic with a positive laboratory mumps viral culture.

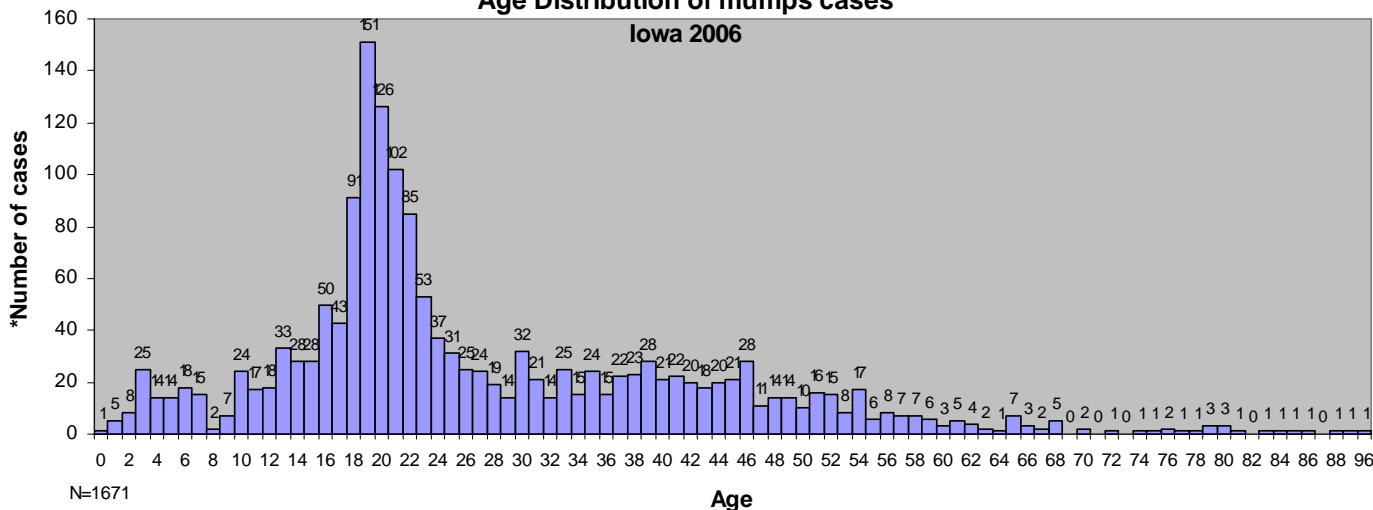
Suspect: A case with positive IgM serology or that is symptomatic with additional information pending investigation.

Iowa Department of Public Health
Center for Acute Disease Epidemiology

**Number* of cases of mumps, by date of onset- Iowa, through
May 10, 2006**

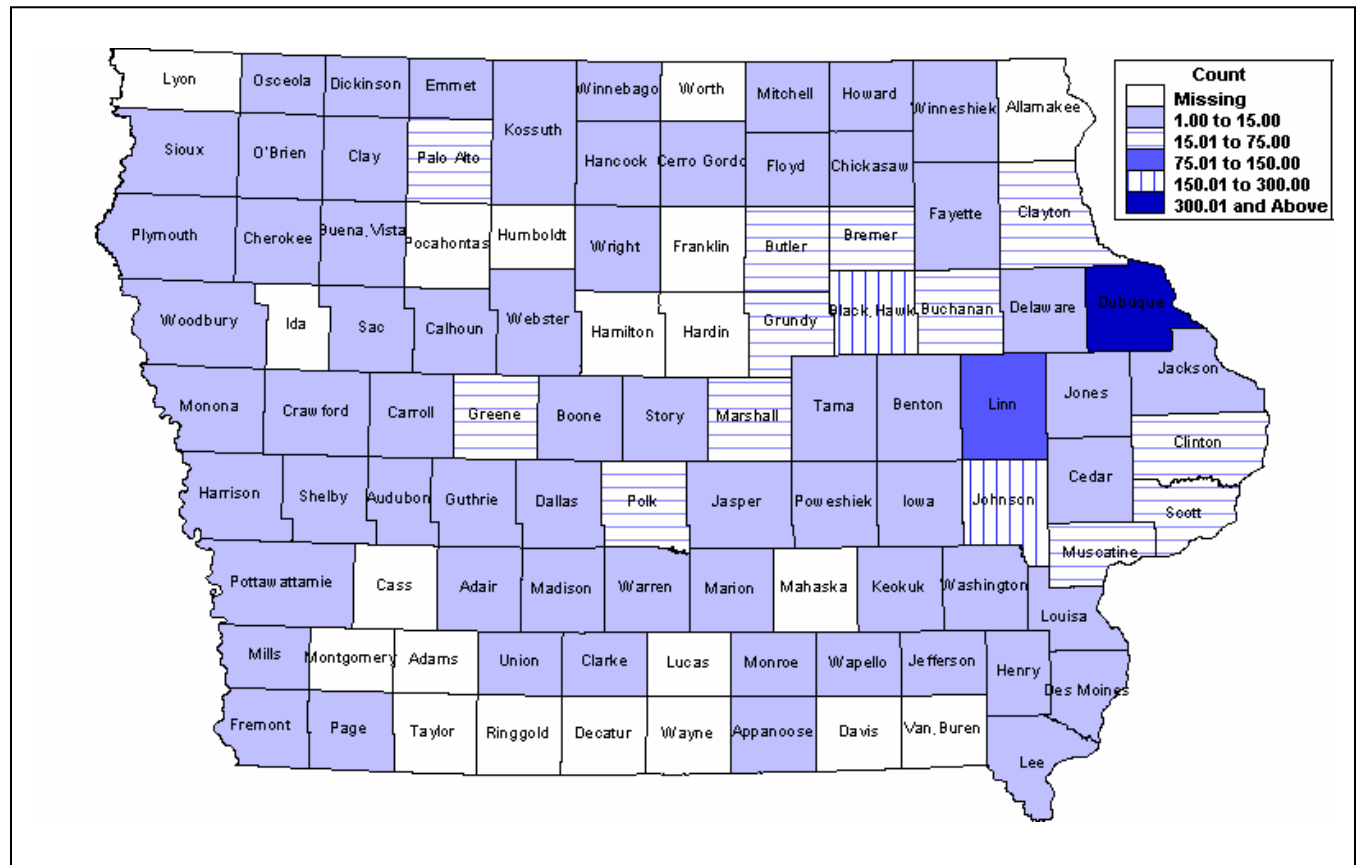


Age Distribution of mumps cases



**Iowa Department of Public Health
Center for Acute Disease Epidemiology**

County	Count	County	Count	County	Count	County	Count
ADAIR	2	CRAWFORD	8	JEFFERSON	8	PLYMOUTH	1
APPANOOSE	5	DALLAS	12	JOHNSON	159	POLK	51
AUDUBON	1	DELAWARE	14	JONES	2	POTTAWATTAMIE	7
BENTON	7	DES MOINES	7	KEOKUK	1	POWESHIEK	9
BLACK HAWK	226	DICKINSON	5	KOSSUTH	3	SAC	1
BOONE	4	DUBUQUE	456	LEE	5	SCOTT	74
BREMER	25	EMMET	4	LINN	75	SHELBY	9
BUCHANAN	51	FAYETTE	11	LOUISA	7	SIOUX	1
BUENA VISTA	1	FLOYD	3	MADISON	7	STORY	12
BUTLER	23	FREMONT	3	MARION	4	TAMA	7
CALHOUN	2	GREENE	15	MARSHALL	22	UNION	3
CARROLL	2	GRUNDY	15	MILLS	3	WAPELLO	5
CEDAR	9	GUTHRIE	6	MITCHELL	5	WARREN	4
CERRO GORDO	4	HANCOCK	1	MONONA	1	WASHINGTON	14
CHEROKEE	2	HARRISON	1	MONROE	4	WEBSTER	3
CHICKASAW	7	HENRY	13	MUSCATINE	27	WINNEBAGO	1
CLARKE	2	HOWARD	1	O'BRIEN	3	WINNESHIEK	8
CLAY	8	IOWA	7	OSCEOLA	1	WOODBURY	4
CLAYTON	17	JACKSON	11	PAGE	11	WRIGHT	3
CLINTON	16	JASPER	10	PALO ALTO	22	UNKNOWN	70
						Total	1674



**Iowa Department of Public Health
Center for Acute Disease Epidemiology**