

Missouri Department of Health and Senior Services (DHSS)

Weekly Communicable Disease Report

Disease or Condition:

Influenza,S OIV

Report for Week 22 of 2009

Run Date = 09JUN09

**For DHSS and LPHA Internal Use Only.
Data Included in This Report is Provisional.**

**Data Source: Confirmed and Probable Cases of Diseases & Conditions
entered into the Missouri Health Surveillance Information System (MOHSIS)
and the Tuberculosis Information System (TIMS)**

**Missouri Department of Health and Senior Services (DHSS)
Weekly Communicable Disease Report
Quartile Analysis of Year-to-date Counts for Week 22, 2009**

Influenza, S OIV

County	Week 22 YTD ¹	Week 21 YTD ¹	Week 20 YTD ¹	Five Year 1 st Quartile	Five Year Median	Five Year 3 rd Quartile	Change from Week 21 to Week 22	Change from Week 22 to 5-Year Median	Rate per 100,000 Week 22	Relative Rate Week 22	First Week Reported ²	Last Week Reported
Cape Girardeau	1	1	0	No Data	0	No Data	0.0%	0.0%	1.46	1.63	21	21
Cass	2	1	1	No Data	0	No Data	100.0%	0.0%	2.44	2.73	20	22
Howard	2	2	2	No Data	0	No Data	0.0%	0.0%	19.58	21.92	17	17
Jackson	3	2	0	No Data	0	No Data	50.0%	0.0%	1.37	1.53	21	22
Johnson	2	2	0	No Data	0	No Data	0.0%	0.0%	4.14	4.64	21	21
Pettis	2	1	0	No Data	0	No Data	100.0%	0.0%	5.08	5.68	21	22
Platte	6	6	6	No Data	0	No Data	0.0%	0.0%	15.32	17.15	17	18
Pulaski	1	0	0	No Data	0	No Data	0.0%	0.0%	2.43	2.72	22	22
St Charles	5	4	3	No Data	0	No Data	25.0%	0.0%	1.76	1.97	18	22
St Louis	11	9	7	No Data	0	No Data	22.2%	0.0%	1.08	1.21	18	22
St Louis City	3	3	3	No Data	0	No Data	0.0%	0.0%	0.86	0.96	20	20
Independence	4	3	0	No Data	0	No Data	33.3%	0.0%	3.53	3.95	21	22
Kansas City	8	8	3	No Data	0	No Data	0.0%	0.0%	1.81	2.03	17	21
Troop A Total	27	23	10	No Data	0	No Data	17.4%	0.0%	2.20	2.46	17	22
Troop C Total	19	16	13	No Data	0	No Data	18.8%	0.0%	0.44	0.50	18	22
Troop E Total	1	1	0	No Data	0	No Data	0.0%	0.0%	0.31	0.34	21	21
Troop F Total	2	2	2	No Data	0	No Data	0.0%	0.0%	0.46	0.51	17	17
Troop I Total	1	0	0	No Data	0	No Data	0.0%	0.0%	0.62	0.70	22	22
State Total	50	42	25	No Data	0	No Data	19.0%	0.0%	0.89	1.00	17	22

¹Analysis Results Legend:

The Year-to-Date (YTD) count is above the 5-year median.

The Year-to-Date (YTD) count is above the 5-year 3rd quartile for a period of one or two weeks.

The Year-to-Date (YTD) count is above the 5-year 3rd quartile for a period of three weeks.

The Year-to-Date (YTD) count is above the 5-year Maximum.

²First Week Reported in 2009

3

Missouri Department of Health and Senior Services (DHSS)
Weekly Communicable Disease Report for Week 22, 2009
Disease or Condition Analysis
Compared to Last Report run on 06/05/2009 for Week 21, 2009

Influenza, S OIV

County	Data Status ^{1,2}	1 st Week Reported Current Report	1 st Week Reported Last Report	Change in Count	Week 22 Quartile Results ³	Week 21 Quartile Results ⁴	Data Trend Analysis ⁵	Data Elevation Analysis ⁶
Cape Girardeau	Old	21	21	0	Above Median	Above Median	Flat	Above Normal
Cass	Old	20	20	1	Above Median	Above Median	Increase	Above Normal
Howard	Old	17	17	0	Above Median	Above Median	Flat	Above Normal
Jackson	Old	21	21	0	Above Median	Above Median	Flat	Above Normal
Johnson	Old	21	21	0	Above Median	Above Median	Flat	Above Normal
Pettis	Old	21	21	1	Above Median	Above Median	Increase	Above Normal
Platte	Old	17	17	0	Above Median	Above Median	Flat	Above Normal
Pulaski	New	22	No Data	1	Above Median	Below Median	Increase	Above Normal
St Charles	Old	18	18	1	Above Median	Above Median	Increase	Above Normal
St Louis	Old	18	18	2	Above Median	Above Median	Increase	Above Normal
St Louis City	Old	20	20	1	Above Median	Above Median	Increase	Above Normal
Independence	Old	21	21	1	Above Median	Above Median	Increase	Above Normal
Kansas City	Old	17	17	0	Above Median	Above Median	Flat	Above Normal
Troop A Total	Old	17	17	3	Above Median	Above Median	Increase	Above Normal
Troop C Total	Old	18	18	4	Above Median	Above Median	Increase	Above Normal
Troop E Total	Old	21	21	0	Above Median	Above Median	Flat	Above Normal
Troop F Total	Old	17	17	0	Above Median	Above Median	Flat	Above Normal
Troop I Total	New	22	No Data	1	Above Median	Below Median	Increase	Above Normal
State Total	Old	17	17	8	Above Median	Above Median	Increase	Above Normal

¹Data Status: Old=Continuing Occurrence in 2009, New=First Occurrence in 2009 and Out=Case was Removed from MOHSIS

²First Week Reported and/or First Occurrence of Disease or Condition in 2009

³Week 22 Quartile Results are from the Current Report

⁴Week 21 Quartile Results are from the Last Report

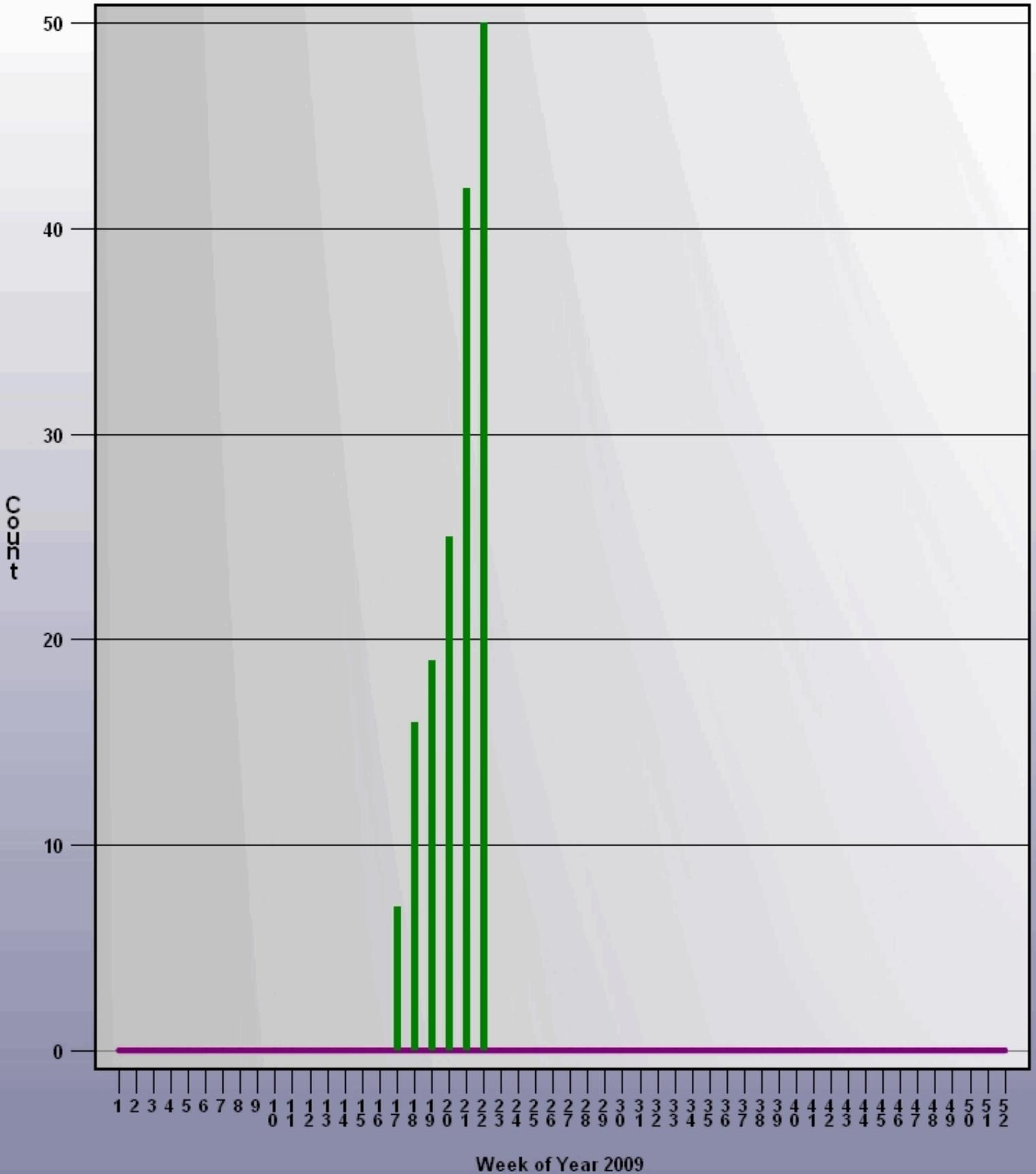
⁵Based on Change in Count Current Report vs Last Report

⁶Based on Quartile Analysis from Current Report where: Below Normal=below median, Above Normal= above median, Elevated=above 3rd quartile and Very Elevated=Above Maximum.

Missouri Department of Health and Senior Services (DHSS)
 Weekly Communicable Disease Report
 Quartile Analysis of Year-to-Date Counts for Week 22, 2009

Influenza, S OIV

YTD Count in 2009 YTD Median (2004 to 2008)
 YTD Third Quartile (2004 to 2008) YTD Maximum (2004 to 2008)



**Missouri Department of Health and Senior Services (DHSS)
Weekly Communicable Disease Report
Year-to-Date Counts and Rates for Week 22, 2009**

Influenza, S OIV

County	Week 22 YTD	Week 22 Rate¹	Week 22 Relative Rate²	Change in Count From Current Report³	Change in Count From Last Report⁴
Cape Girardeau	1	1.5	1.6	0	0
Cass	2	2.4	2.7	1	1
Howard	2	19.6	21.9	0	0
Jackson	3	1.4	1.5	1	0
Johnson	2	4.1	4.6	0	0
Pettis	2	5.1	5.7	1	1
Platte	6	15.3	17.1	0	0
Pulaski	1	2.4	2.7	1	1
St Charles	5	1.8	2.0	1	1
St Louis	11	1.1	1.2	2	2
St Louis City	3	0.9	1.0	0	1
Independence	4	3.5	4.0	1	1
Kansas City	8	1.8	2.0	0	0

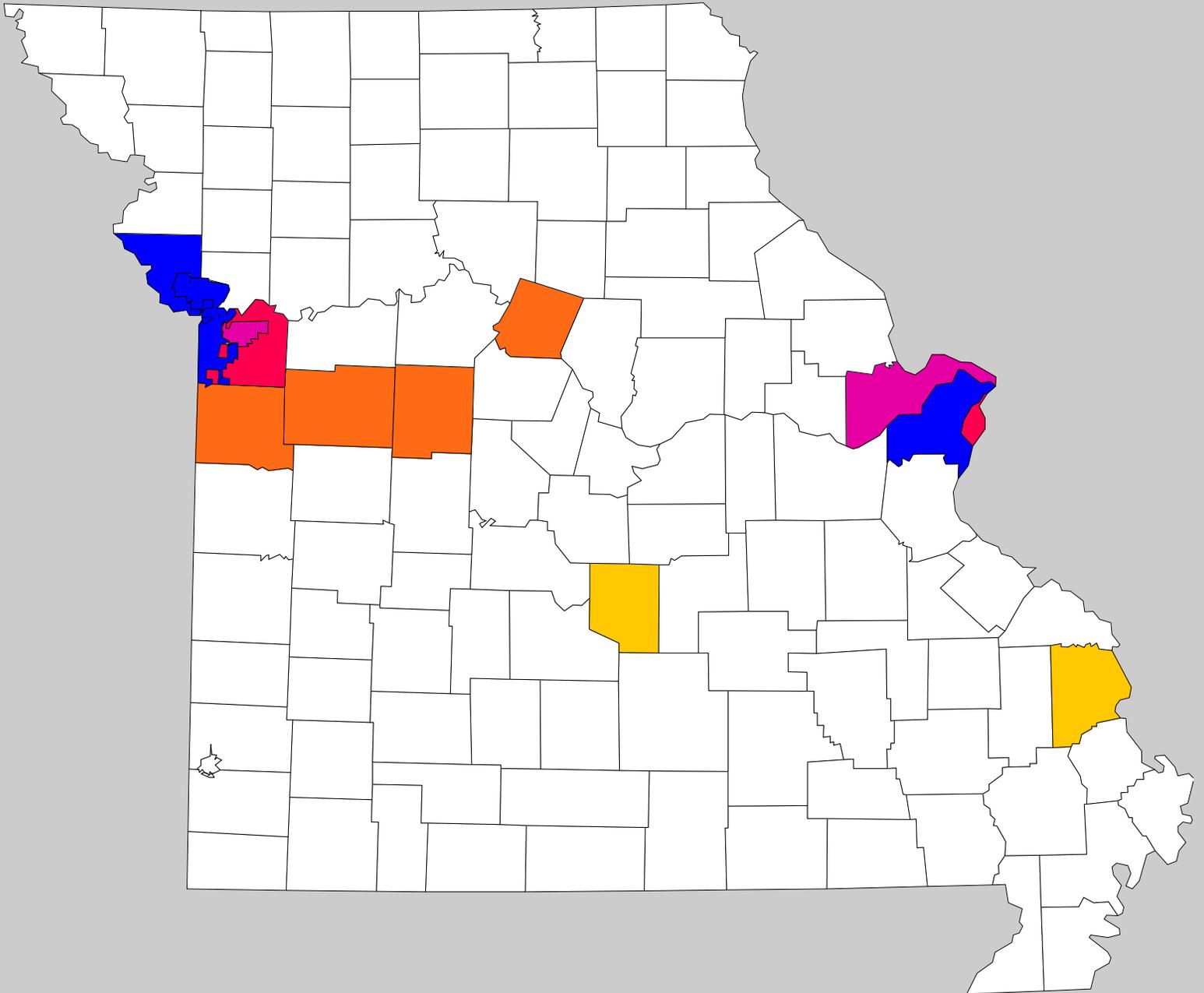
¹Rates are Year-to-Date Counts per 100,000 population for Week 22, 2009

²The relative rate is computed as the county or district rate divided by the overall state rate

³Current Report was run on 06/09/2009 for Week 22, 2009

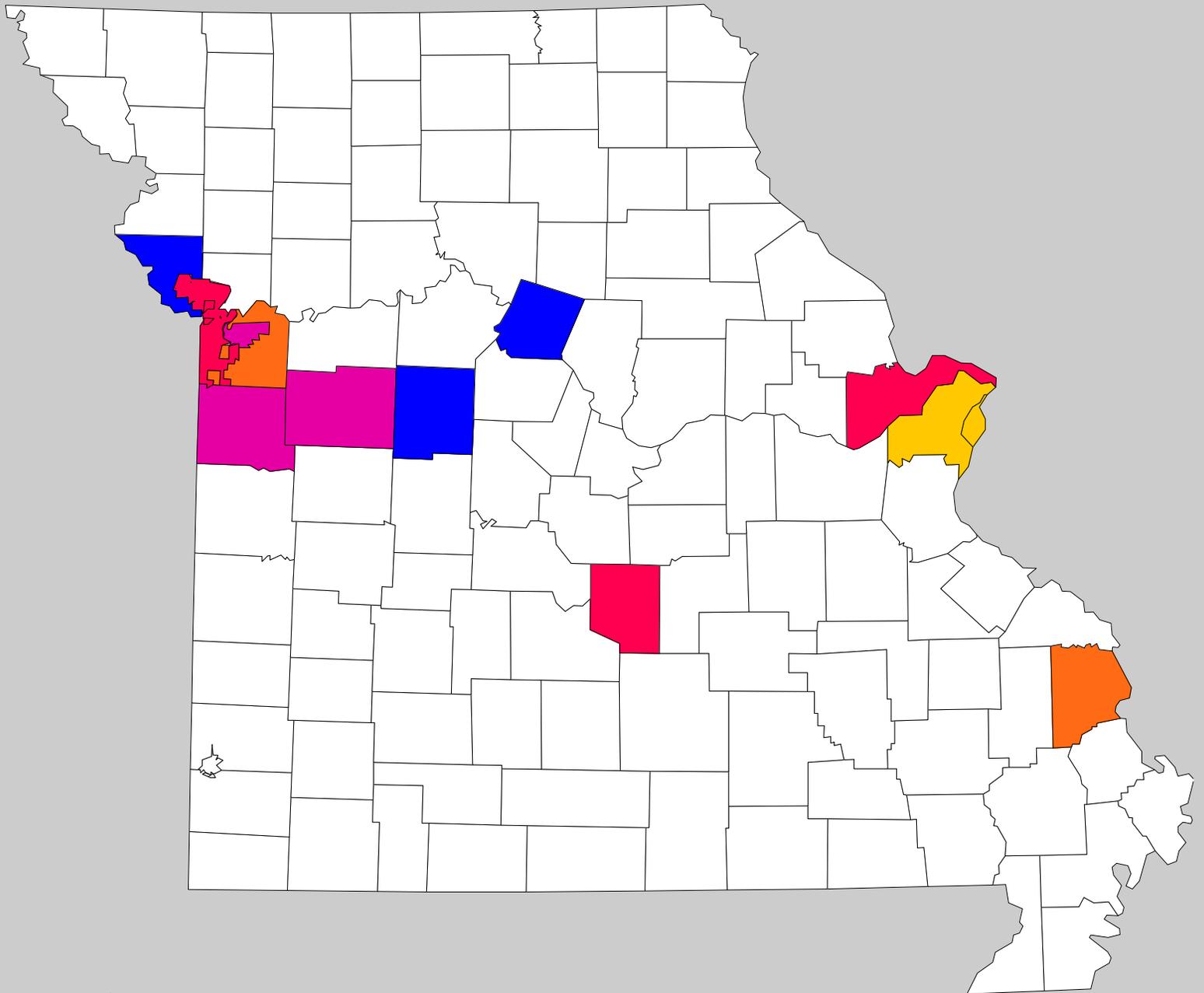
⁴Last Report was run on 06/05/2009 for Week 21, 2009

Missouri Department of Health and Senior Services (DHSS)
Weekly Communicable Disease Report
YTD Count for Week 22, 2009
Influenza, S OIV



Count	0 - 0	1 - 1
	2 - 2	3 - 3
	4 - 5	6 - 11

Missouri Department of Health and Senior Services (DHSS)
Weekly Communicable Disease Report
Rates for Week 22, 2009
Influenza, S OIV



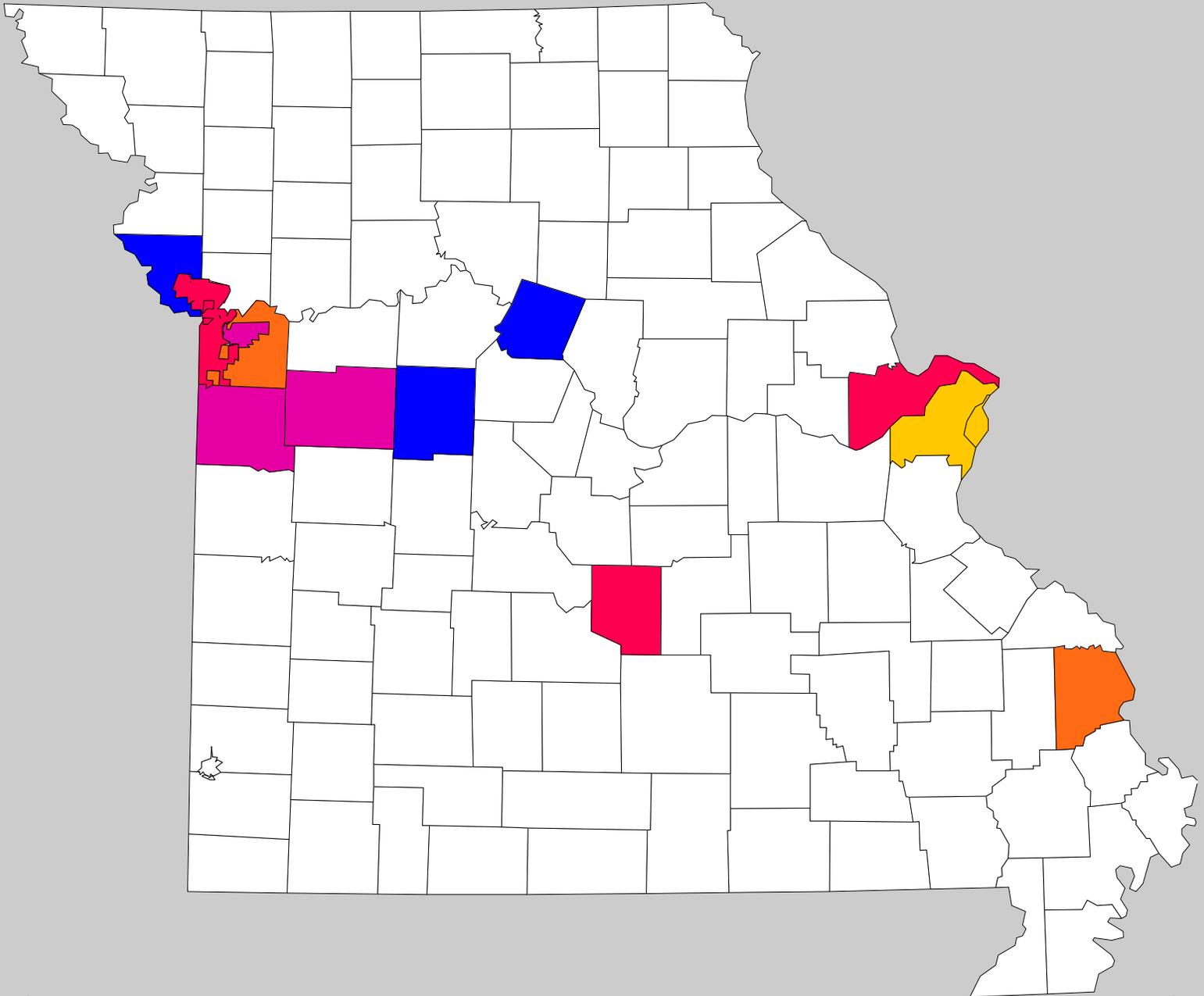
Rate	0.0 - 0.0	0.9 - 1.1
		
		
		
	1.4 - 1.5	5.1 - 19.6
	2.4 - 4.1	

Rates are Year-to-Date Counts per 100,000 population for Week 22, 2009

Missouri Department of Health and Senior Services (DHSS)
Weekly Communicable Disease Report
Relative Rates for Week 22, 2009

Influenza, S OIV

State Rate per 100,000 = 0.9



Relative Rates	0.0 - 0.0	1.0 - 1.2
	1.5 - 1.6	2.0 - 2.7
	2.7 - 4.6	5.7 - 21.9

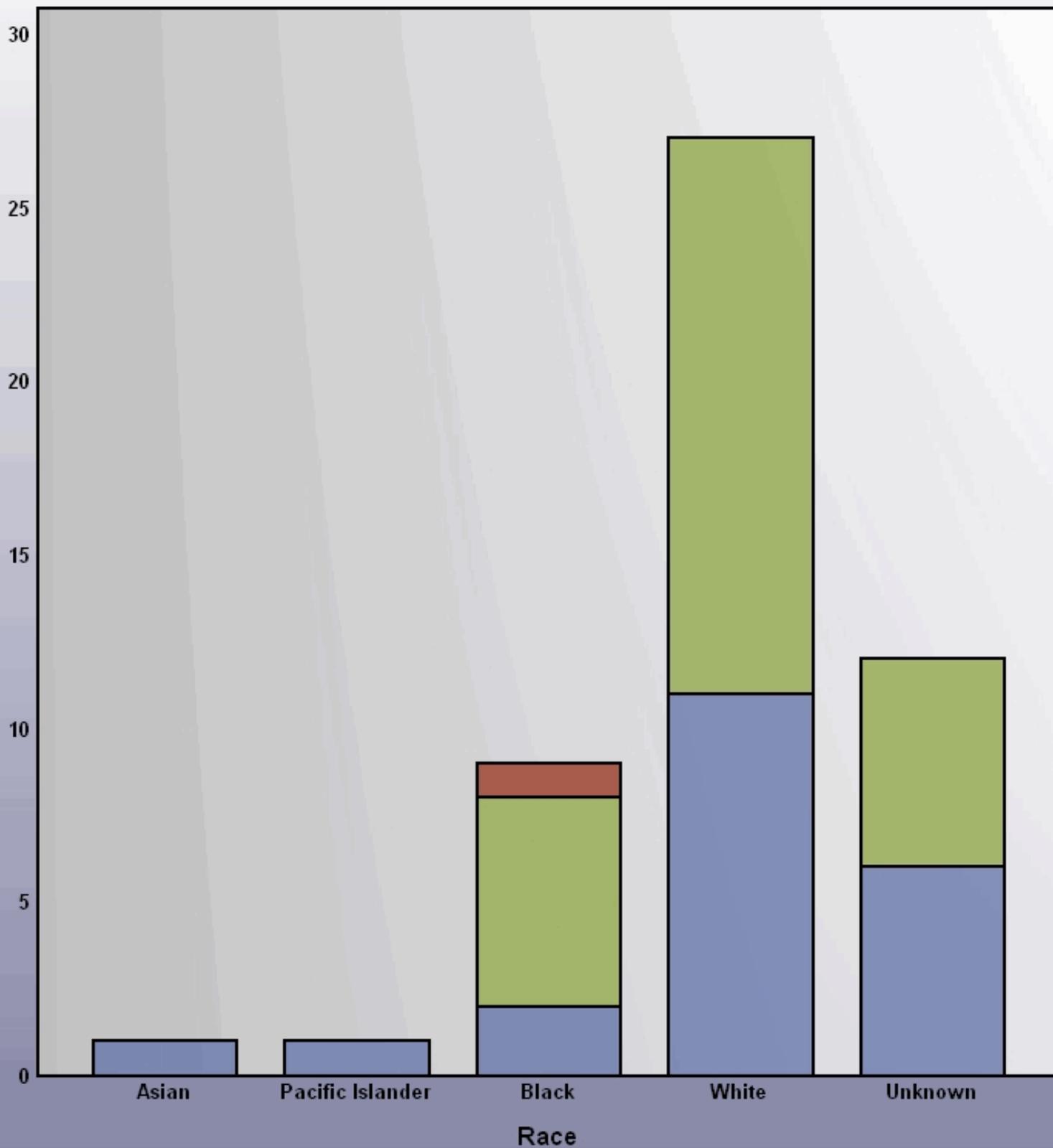
The relative rate is computed as the county or district rate divided by the overall state rate

Missouri Department of Health and Senior Services (DHSS)
 Weekly Communicable Disease Reports
 Cross Tabulations of YTD Count for Week 22, 2009
 State of Missouri
 Influenza,S OIV

Age and Gender		Asian	Pacific Islander	Black	White	Unknown	All
< 2	Female				1	1	2
	Missing			1			1
	All			1	1	1	3
2 to 14							
	Female			1	6	3	10
	Male			1	10	3	14
	All			2	16	6	24
15 to 24							
	Female		1	1	2	1	5
	Male			4	2	2	8
	All		1	5	4	3	13
25 to 34							
	Female				1	1	2
	Male				1		1
	All				2	1	3
35 to 44							
	Female				1		1
	Male			1	1		2
	All			1	2		3
55 to 64							
	Female	1					1
	All	1					1
65 plus							
	Male				2	1	3
	All				2	1	3
All		1	1	9	27	12	50



YTD Count





YTD Count

