

Summary of the 2009-2010 flu season, in comparison with 2008-2009 season:

Joplin City & Jasper County

Figure 1 and 2 shows the trend of the 2008-09 and 2009-10 flu seasons in Joplin City and Jasper County. Tables 1 and 3 show flu cases in relations to the type of flu while the tables 2 and 4 show flu cases by age groups.

Jasper County

Based on data in figure 1, the 2008-09 flu season in Jasper County did not peak and remained very low, whereas the 2009-10 season peaked during the third week into the flu season and around week 9 and 12 (figure 1). A total of 24 flu cases were reported during the 2008-09 season compared to 821 flu cases reported during the 2009-10 flu season.

Figure 1

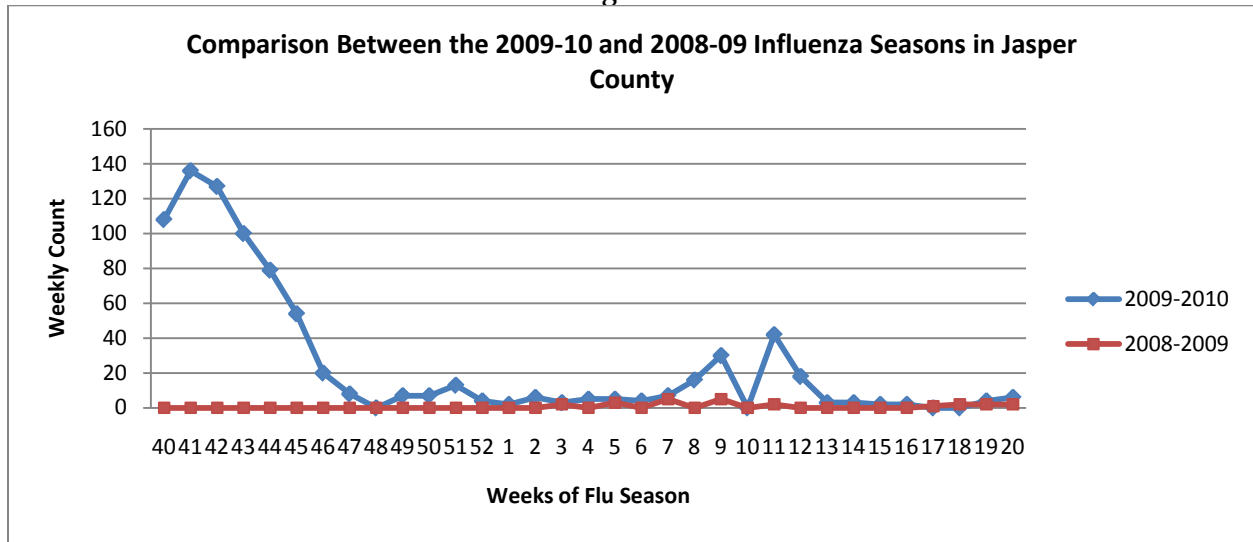


Table 1

| 2009-2010 Season – Jasper County (October 4 – May 22, 2010) | | |
|--|----------------------------|--------------|
| Type of Influenza | Total Cases by Type of Flu | % of Total |
| Influenza A | 810 | 98.7 |
| 2009 H1N1 | 0 | 0.0 |
| Influenza B | 11 | 1.3 |
| Untyped | 0 | 0.0 |
| Total | 821 | 100.0 |

Table 2

| 2009-2010 Season – Jasper County (October 4 – May 22, 2010) | | |
|--|---------------------------|--------------|
| | Total Cases by Age-groups | % of Total |
| 0-1 | 71 | 8.6 |
| 2-4 | 77 | 9.4 |
| 5-14 | 340 | 41.4 |
| 15-24 | 165 | 20.1 |
| 25-49 | 141 | 17.2 |
| 50-64 | 18 | 2.2 |
| 65+ | 9 | 1.1 |
| Total | 821 | 100.0 |

Joplin City

Joplin City flu cases peaked during the 3rd week of the 2009-10 season. The trend then declined and remained low for the rest of the season. However, the 2008-09 season was different as it peaked from week 7 to 11 as well as week 15 to 17 before it gradually declined (figure 2). Based on the 2 seasons data, the 2008-09 season had more cases reported (936) compared to the 2009-2010 flu season (513).

Figure 2

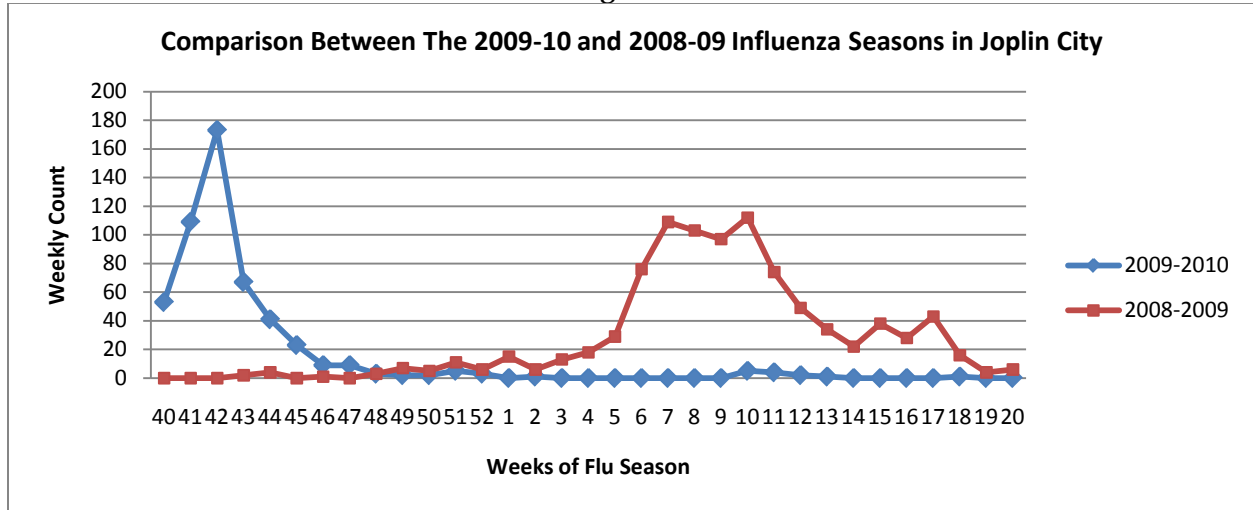


Table 3

| 2009-2010 Season – Joplin City (October 4 – May 22, 2010) | | |
|--|----------------------------|--------------|
| Type of Influenza | Total Cases by Type of Flu | % of Total |
| Influenza A | 498 | 97.1 |
| 2009 H1N1 | 1 | 0.2 |
| Influenza B | 14 | 2.7 |
| Untyped | 0 | 0.0 |
| Total | 513 | 100.0 |

Table 4

| 2009-2010 Season – Joplin City (October 4 – May 22, 2010) | | |
|--|---------------------------|--------------|
| | Total Cases by Age-groups | % of Total |
| 0-1 | 44 | 8.6 |
| 2-4 | 77 | 15.0 |
| 5-14 | 316 | 61.6 |
| 15-24 | 48 | 9.4 |
| 25-49 | 26 | 5.1 |
| 50-64 | 2 | 0.4 |
| 65+ | 0 | 0.0 |
| Total | 513 | 100.0 |

NB: During the 2008-09 flu season flu cases were being reported by the jurisdiction of healthcare providers, while during the 2009-10 season healthcare providers began reporting flu by the jurisdiction of cases.

Flu data was obtained from the DHSS Crystal Reports and analyzed by the Joplin City and Jasper County Health Departments.