## Multnomah County Immunization Rates

<table>
<thead>
<tr>
<th>Two-Year-Olds&lt;sup&gt;a&lt;/sup&gt; Up-to-Date Rate&lt;sup&gt;b&lt;/sup&gt;</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:3:1:3:1:4&lt;sup&gt;c&lt;/sup&gt;</td>
<td>58%</td>
<td>61%</td>
<td>64%</td>
<td>66%</td>
<td>66%</td>
<td>69%</td>
</tr>
<tr>
<td>4:3:1:3:3:1&lt;sup&gt;d&lt;/sup&gt;</td>
<td>64%</td>
<td>66%</td>
<td>69%</td>
<td>70%</td>
<td>71%</td>
<td>74%</td>
</tr>
<tr>
<td>4 doses DTaP</td>
<td>77%</td>
<td>77%</td>
<td>77%</td>
<td>78%</td>
<td>79%</td>
<td>81%</td>
</tr>
<tr>
<td>3 doses IPV</td>
<td>86%</td>
<td>86%</td>
<td>87%</td>
<td>88%</td>
<td>87%</td>
<td>89%</td>
</tr>
<tr>
<td>1 dose MMR</td>
<td>87%</td>
<td>89%</td>
<td>88%</td>
<td>87%</td>
<td>87%</td>
<td>91%</td>
</tr>
<tr>
<td>3 doses Hib</td>
<td>87%</td>
<td>86%</td>
<td>87%</td>
<td>87%</td>
<td>86%</td>
<td>88%</td>
</tr>
<tr>
<td>3 doses HepB</td>
<td>80%</td>
<td>80%</td>
<td>82%</td>
<td>82%</td>
<td>82%</td>
<td>85%</td>
</tr>
<tr>
<td>1 dose Varicella</td>
<td>83%</td>
<td>85%</td>
<td>85%</td>
<td>85%</td>
<td>85%</td>
<td>87%</td>
</tr>
<tr>
<td>4 doses PCV</td>
<td>72%</td>
<td>73%</td>
<td>73%</td>
<td>75%</td>
<td>75%</td>
<td>76%</td>
</tr>
<tr>
<td>1 dose HepA</td>
<td>85%</td>
<td>86%</td>
<td>86%</td>
<td>86%</td>
<td>86%</td>
<td>88%</td>
</tr>
<tr>
<td>2-3 doses Rotavirus</td>
<td>67%</td>
<td>69%</td>
<td>70%</td>
<td>72%</td>
<td>71%</td>
<td>73%</td>
</tr>
<tr>
<td>1 dose Flu (in most recent season)</td>
<td>60%</td>
<td>59%</td>
<td>61%</td>
<td>61%</td>
<td>64%</td>
<td>68%</td>
</tr>
</tbody>
</table>

**Women, Infants and Children (WIC) Clients<sup>e</sup>**
- 60% 61% 62% 62% 63% 64%

**Non-WIC Clients<sup>e</sup>**
- 57% 61% 65% 68% 68% 73%

**Enrolled in DMAP<sup>e</sup>**
- 59% 61% 63% 62% 62% 64%

**Not enrolled in DMAP<sup>e</sup>**
- 57% 61% 65% 69% 70% 75%

**One or more VFC vaccines<sup>e</sup>**
- 60% 62% 62% 62% 62% 64%

**No VFC vaccines<sup>e</sup>**
- 56% 60% 66% 71% 71% 75%

**Hispanic<sup>f</sup>**
- 64% 65% 66% 68% 67% 71%

**White<sup>f</sup>**
- 59% 61% 65% 67% 68% 71%

**African American<sup>f</sup>**
- 56% 59% 59% 59% 58% 58%

**Asian<sup>f</sup>**
- 61% 66% 68% 72% 72% 76%

**American Indian and Alaskan Native<sup>f</sup>**
- 60% 63% 61% 64% 60% 61%

**Hawaiian/Pacific Islander<sup>f</sup>**
- 58% 57% 62% 62% 58% 63%

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* Rate not displayed for populations of fewer than 50 people in accordance with Oregon Public Health Division confidentiality policy

<sup>a</sup> Two year olds are children 24 to 35 months of age residing in the county

<sup>b</sup> Source: ALERT Immunization Information System, Oregon Immunization Program

<sup>c</sup> Fully immunized with 4 doses of DTaP, 3 doses IPV, 1 dose MMR, 3 doses Hib, 3 doses HepB, 1 dose Varicella, and 4 doses PCV; this is the official childhood vaccination series

<sup>d</sup> Same as (c) minus PCV; rate presented for historical tracking purposes

<sup>e</sup> 4:3:1:3:3:1:4 series

<sup>f</sup> Race and ethnicity categories are not mutually exclusive, one individual may contribute to one or more categories