

| | | Adventist Medical Center | Ashland Community Hospital | Bay Area Hospital | Blue Mountain Hospital |
|------------------|--|---------------------------------|-----------------------------------|--------------------------|-------------------------------|
| DEM 32.a. | Number of Staffed/ Operating Beds | 212 | 20 | 123 | 2 |
| DEM 32.b. | Average Daily Census | | | 90 | 2 |
| DEM 33 | Number of Licensed beds | 302 | 49 | 172 | 39 |
| DEM 34 | Additional Beds Available in Case of Emergency within 6 hours | 56 | 8 | 52 | 0 |
| DEM 43.e.2)b. | Inpatient: Average Daily Census of Negative Pressure Isolation Rooms in the: Intensive Care Unit | | | | |
| DEM 43.e.3)a. | Inpatient: Number of Negative Pressure Isolation Rooms in the: Regular Rooms | 7 | | 11 | 1 |
| DEM 43.f. | Inpatient: Total Number of Adult and Pediatric ventilators | 6 | 3 | 7 | 1 |
| DEM 46.c.1) | Other: Number of Emergency Department Beds | 19 | 7 | | 2 |

| Central Oregon Community Hospital | Columbia Memorial Hospital | Coquille Valley Hospital | Curry General Hospital | Eastern Oregon Psychiatric Center | Eastmoreland Hospital | Good Samaritan Regional Medical Center |
|-----------------------------------|----------------------------|--------------------------|------------------------|-----------------------------------|-----------------------|--|
| 34 | 37 | 15 | 7 | 60 | 53 | 145 |
| | 8 | 3 | 6 | 59 | 20 | 104 |
| 48 | 49 | 25 | 24 | 60 | 100 | 188 |
| | 10 | 0 | 5 | 0 | 10 | 25 |
| | | | | | 1 | |
| | 1 | 1 | | | 2 | 1 |
| | 3 | 2 | 0 | 0 | 1 | 15 |
| 6 | 8 | 4 | 3 | | 9 | 12 |

| Good Shepherd Health Care System | Grande Ronde Hospital | Harney District Hospital | Lake District Hospital | Legacy Emanuel Hospital and Health Center | McKenzie-Willamette Hospital | Mercy Medical Center | Merle West Medical Center |
|----------------------------------|-----------------------|--------------------------|------------------------|---|------------------------------|----------------------|---------------------------|
| 44 | 22 | 15 | 15 | 337 | 104 | 137 | 133 |
| 23 | | 6 | 4 | 277 | 52 | 114 | |
| 49 | 49 | 44 | 15 | 554 | 114 | 137 | 176 |
| 10 | | | 6 | 377 | 38 | | 12 |
| | | | | <1 | | | |
| 1 | 2 | | | 12 | 6 | | 2 |
| 3 | 2 | 1 | 0 | 38 | 6 | 12 | 9 |
| 10 | 9 | 4 | | 29 | 14 | 17 | 17 |

| Mid-Columbia Medical Center | Oregon State Hospital | Pioneer Memorial Hospital - Heppner | Pioneer Memorial Hospital - Prineville | Providence Hood River Memorial Hospital | Providence Medford Medical Center |
|-----------------------------|-----------------------|-------------------------------------|--|---|-----------------------------------|
| 35 | 585 | 11 | 27 | 32 | 128 |
| 29 | 586 | 1 | 8 | | 80 |
| 49 | 672 | 12 | 35 | 32 | 168 |
| 11 | 30 | 16 | 0 | 6 | |
| | | | | | |
| 1 | | 2 | 1 | 1 | 3 |
| 2 | 0 | 0 | 2 | 4 | 8 |
| 8 | | 3 | 3 | 8 | 12 |

| Providence Portland Medical Center | Providence Seaside Hospital | Rogue Valley Medical Center | Salem Hospital Regional Health Services | Samaritan Albany General Hospital |
|---|--|--|--|--|
| 292 | 25 | 316 | 385 | 76 |
| 272 | 10 | | 260 | |
| 463 | 34 | 305 | 454 | 76 |
| | 10 | 343 | 0 | 7 |
| | | | | |
| 4 | 1 | | 10 | |
| | 1 | 32 | 33 | |
| 39 | 7 | 24 | 29 | |

| Samaritan Lebanon Community Hospital | Samaritan Pacific Communities Hospital | Santiam Memorial Hospital | Silverton Hospital | Southern Coos Hospital and Health Center | St. Charles Medical Center | Tillamook County General Hospital |
|---|---|--|-------------------------------|---|---------------------------------------|--|
| 49 | 32 | 30 | 49 | 19 | 181 | 36 |
| 31 | | 15 | 39 | 7 | 140 | |
| 49 | 48 | 40 | 49 | 24 | 181 | 49 |
| 28 | 8 | 10 | 14 | 1 | 24 | |
| 4 | | | | | | |
| 2 | 2 | | 2 | 1 | 4 | 2 |
| 3 | 4 | 1 | 3 | 0 | 18 | 3 |
| 9 | 8 | 5 | 8 | 4 | 20 | 10 |

| Tuality Healthcare | Veteran's Affairs Medical Center | Wallowa Memorial Hospital | West Valley Hospital | Willamette Falls Hospital | Willamette Valley Medical Center | Woodland Park Hospital |
|--------------------|----------------------------------|---------------------------|----------------------|---------------------------|----------------------------------|------------------------|
| 129 | 255 | 25 | 6 | 91 | 67 | 76 |
| 92 | | 9 | 2 | 46 | 50 | 10 |
| 215 | 255 | 25 | 44 | 143 | 80 | 209 |
| 231 | | 10 | 5 | 16 | | 0 |
| 1 | | | | | | |
| 4 | | | | 8 | 3 | |
| 5 | yes | 1 | 1 | 0 | 8 | 2 |
| 20 | | 2 | 9 | 10 | 14 | 8 |

| Cottage Grove Community Hospital | Holy Rosary Medical Center | Kaiser Sunnyside Medical Center | Legacy Good Samaritan Hospital and Medical Center | Legacy Meridian Park Hospital |
|-------------------------------------|-------------------------------|---------------------------------------|---|----------------------------------|
| 11 | 49 | 185 | 275 | 133 |
| 2 | 31 | 139 | 179 | 71 |
| 11 | 49 | 185 | 539 | 150 |
| 6 | 74 | 10 | 197 | 20 |
| | | 2 | rare | 1 |
| | 4 | 7 | 2 | 4 |
| 0 | 3 | 22 | 18 | 5 adult |
| 4 | 16 | 19 | 23 | 22 |

| Legacy Mt. Hood Medical Center | Lower Umpqua Hospital | Mountain View Hospital District | Oregon Health and Science University | Peace Harbor Hospital | Providence Milwaukie Hospital | Providence Newberg Hospital |
|---------------------------------------|------------------------------|--|---|------------------------------|--------------------------------------|------------------------------------|
| 63 | 49 | 19 | 451 | 21 | 48 | 16 |
| 38 | | | | 15 | 30 | 15 |
| 108 | 49 | 36 | 509 | 21 | 77 | 35 |
| | 4 | | 20 | | 10 | 14 |
| 1 | | | | | | |
| 2 | | 5 | 45 | 1 | | 2 |
| 6 | 3 | 1 | 44 | 2 | 3 | 2 |
| 17 | 3 | 4 | 40 | 6 | 10 | 8 |

| Providence St. Vincent Medical Center | Sacred Heart Medical Center | Samaritan North Lincoln Hospital | Shriners Hospital for Children | St. Anthony Hospital | St. Elizabeth Health Services | Three Rivers Community Hospital |
|--|------------------------------------|---|---------------------------------------|-----------------------------|--------------------------------------|--|
| 451 | 432 | 37 | 40 | 30 | 38 | 98 |
| 375 | 306 | 12 | | 20 | 12 | |
| 451 | 432 | 37 | 40 | 49 | 49 | 125 |
| 114 | 50 | 10 | 0 | 10 | 20 | 15 |
| 11 | | | | | | |
| 15 | 8 | 1 | | | 2 | 6 |
| 37 | 16 | 3 | | 5 | 4 | 9 |
| 43 | 26 | 6 | | 6 | 4 | 18 |

| VA Roseburg Healthcare System | Sum Data | Total Responding | Total Blank Responses | | | | |
|-------------------------------|----------|------------------|-----------------------|--|--|--|--|
| 143 | 7061 | 64 | 0 | | | | |
| 122 | 3815 | 47 | 16 | | | | |
| 143 | 9000 | 64 | 0 | | | | |
| 0 | 1953 | 48 | 12 | | | | |
| 0 | 21 | 8 | 54 | | | | |
| 4 | 206 | 44 | 19 | | | | |
| 4 | 422 | 50 | 4 | | | | |
| 4 | 709 | 57 | 7 | | | | |

| | | Samaritan Pacific Communities Hospital | Samaritan North Lincoln Hospital | Samaritan Albany General Hospital |
|--------------------|--|---|---|--|
| DEM 32.a. | Number of Staffed/ Operating Beds | 32 | 37 | 76 |
| DEM 32.b. | Average Daily Census | 10 | 12 | 35 |
| DEM 33 | Number of Licensed beds | 48 | 37 | 76 |
| DEM 34 | Additional Beds Available in Case of Emergency within 6 hours | 8 | 10 | 7 |
| DEM 42.d.1) | Number of Medical/Surgical Intensive Care Beds | 15 | 4 (combined with CIC) | 9 |
| DEM 43.e.2)a. | Inpatient: Number of Negative Pressure Isolation Rooms in the: Intensive Care Unit | 5 | 0 | 1 |
| DEM 43.e.3)a. | Inpatient: Number of Negative Pressure Isolation Rooms in the: Regular Rooms | 2 | 1 | 1 |
| DEM 43.f. | Inpatient: Total Number of Adult and Pediatric ventilators | 4 | 3 | 4 |
| DEM 46.c.1) | Other: Number of Emergency Department Beds | 8 | 6 | 10 |
| Total staffed beds | | 69 | | 12 |
| Staffed Bed % | Number of staffed beds per hospital divided by total # of licensed beds | 67% | 100% | 100% |
| Licensed Beds | | 85 | | 12 |
| Licensed Bed % | Number of licensed beds per hospital divided by total amount of county beds | 56% | 54% | 61% |
| Adult/Ped Vents | # of vents per county | 7 | | 8 |
| | # of vents per hospital | 4 | 3 | 5 |
| Vents % | % of total county vents in each hospital | 57% | 43% | 63% |

| Samaritan Lebanon Community Hospital | Salem Hospital Regional Health Services | Santiam Memorial Hospital | Silverton Hospital | West Valley Hospital | Willamette Valley Medical Center | Providence Newberg Hospital | Sum Data |
|--------------------------------------|---|---------------------------|--------------------|----------------------|----------------------------------|-----------------------------|----------|
| 49 | 385 | 30 | 49 | 6 | 67 | 16 | 747 |
| 31 | 260 | 15 | 39 | 2 | 50 | 15 | 1114 |
| 49 | 454 | 40 | 49 | 44 | 80 | 35 | 1772 |
| 28 | 0 | 10 | 14 | 5 | | 14 | 151 |
| 8 | 29 | 0 | 4 | 0 | 7 | 4 | |
| 1 | 4 | 0 | 1 | 0 | 1 | | 8 |
| 2 | 19 | 2 | 2 | 1 | 3 | 2 | 23 |
| 3 | 33 | 1 | 3 | 1 | 8 | 2 | 73 |
| 9 | 29 | 5 | 8 | 9 | 14 | 8 | 108 |
| 25 | 464 | | | 6 | 83 | | |
| 100% | 85% | 75% | 100% | 14% | 84% | 46% | |
| 25 | 543 | | | 44 | 115 | | |
| 39% | 84% | 7% | 9% | 100% | 70% | 30% | |
| 3 | 37 | | | 1 | 10 | | |
| 3 | 33 | 1 | 3 | 1 | 8 | 2 | |
| 38% | 89% | 3% | 8% | 100% | 80% | 20% | |

Oregon HRSA Region 2
Updated: 2/8/2006
Pandemic Flu Planning Assumptions for Oregon HRSA Region 2

| Influenza Pandemic Impact | 15% Attack Rate | Weekly Admissions 6 wk/15%AR | | | | | | | |
|---------------------------|--|------------------------------|------------|------------|------------|------------|------------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 167 | 235 | 290 | 290 | 235 | 167 | | |
| | Peak admissions/day | | | 45 | 45 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 122 | 172 | 213 | 220 | 177 | 155 | | |
| | % of hospital capacity needed | 14% | 19% | 24% | 25% | 20% | 17% | | |
| ICU Capacity | # of influenza patients in ICU | 25 | 47 | 60 | 64 | 63 | 51 | | |
| | % of ICU capacity needed | 34% | 63% | 81% | 86% | 85% | 69% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 12 | 24 | 30 | 32 | 31 | 25 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 33 | 48 | 58 | 58 | 48 | 33 |
| | # of influenza deaths in hospital | | | 24 | 33 | 40 | 40 | 33 | 24 |

| Influenza Pandemic Impact | 25% Attack Rate | Weekly Admissions 6 wk/25%AR | | | | | | | |
|---------------------------|--|------------------------------|------------|------------|------------|------------|------------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 277 | 393 | 485 | 485 | 393 | 277 | | |
| | Peak admissions/day | | | 111 | 113 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 203 | 289 | 356 | 370 | 325 | 257 | | |
| | % of hospital capacity needed | 23% | 32% | 40% | 41% | 36% | 29% | | |
| ICU Capacity | # of influenza patients in ICU | 42 | 78 | 100 | 106 | 105 | 83 | | |
| | % of ICU capacity needed | 57% | 105% | 135% | 143% | 141% | 112% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 21 | 39 | 50 | 53 | 51 | 42 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 55 | 78 | 98 | 98 | 78 | 55 |
| | # of influenza deaths in hospital | | | 38 | 55 | 68 | 68 | 55 | 38 |

| Influenza Pandemic Impact | 35% Attack Rate | Weekly Admissions 6 wk/35%AR | | | | | | | |
|---------------------------|--|------------------------------|------------|------------|------------|------------|------------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 387 | 548 | 679 | 679 | 548 | 417 | | |
| | Peak admissions/day | | | 106 | 106 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 286 | 403 | 499 | 462 | 455 | 360 | | |
| | % of hospital capacity needed | 32% | 45% | 56% | 52% | 51% | 40% | | |
| ICU Capacity | # of influenza patients in ICU | 58 | 108 | 139 | 149 | 146 | 119 | | |
| | % of ICU capacity needed | 78% | 145% | 187% | 201% | 197% | 160% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 30 | 54 | 70 | 75 | 73 | 58 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 77 | 109 | 134 | 134 | 109 | 77 |
| | # of influenza deaths in hospital | | | 54 | 75 | 93 | 93 | 75 | 54 |

| Age Group | 0-19 | 20-64 | >65 | Total |
|-----------------------|----------------|----------------|---------------|----------------|
| Benton | 22,264 | 51,132 | 8,355 | 81,751 |
| Lincoln | 10,422 | 24,906 | 9,072 | 44,400 |
| Linn | 30,324 | 60,465 | 15,561 | 106,350 |
| Marion | 81,829 | 180,564 | 36,057 | 298,450 |
| Polk | 18,739 | 36,713 | 9,497 | 64,949 |
| Yamhill | 27,176 | 51,735 | 10,289 | 89,200 |
| Regional Total | 190,754 | 405,515 | 88,831 | 685,100 |

Assumptions:

Based on Population of table above

| | |
|--|-------|
| Total Licensed non-ICU Beds: | 1100 |
| % licensed non-ICU beds staffed: | 82% |
| Total staffed non-ICU beds: | 897 |
| Total Licensed ICU beds: | 99 |
| % licensed ICU beds staffed: | 75% |
| Total staffed ICU beds: | 74.25 |
| Total Number of Ventilators: | 78 |
| % ventilators available: | 25% |
| Total Number of ventilators available: | 19.5 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/15%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------------|------------|------------|------------|------------|------------|------------|------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 82 | 138 | 208 | 263 | 263 | 208 | 138 | 82 | | |
| | Peak admissions/day | | | | 47 | 47 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 62 | 103 | 153 | 194 | 200 | 176 | 134 | 89 | | |
| | % of hospital capacity needed | 7% | 11% | 17% | 22% | 22% | 20% | 15% | 10% | | |
| ICU Capacity | # of influenza patients in ICU | 12 | 26 | 40 | 54 | 58 | 55 | 44 | 31 | | |
| | % of ICU capacity needed | 16% | 35% | 54% | 73% | 78% | 74% | 59% | 42% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 7 | 14 | 21 | 27 | 29 | 27 | 24 | 15 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 17 | 27 | 42 | 52 | 52 | 42 | 27 | 17 |
| | # of influenza deaths in hospital | | | 11 | 19 | 29 | 37 | 37 | 29 | 19 | 11 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/25%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------------|------------|------------|------------|------------|------------|------------|------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 160 | 249 | 365 | 457 | 457 | 365 | 249 | 157 | | |
| | Peak admissions/day | | | | 76 | 76 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 103 | 169 | 255 | 322 | 333 | 293 | 226 | 147 | | |
| | % of hospital capacity needed | 11% | 19% | 28% | 36% | 37% | 33% | 25% | 16% | | |
| ICU Capacity | # of influenza patients in ICU | 21 | 43 | 68 | 89 | 96 | 94 | 75 | 51 | | |
| | % of ICU capacity needed | 28% | 58% | 92% | 120% | 129% | 127% | 101% | 69% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 10 | 22 | 34 | 44 | 50 | 47 | 38 | 25 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 27 | 46 | 69 | 88 | 88 | 69 | 46 | 27 |
| | # of influenza deaths in hospital | | | 19 | 33 | 48 | 61 | 61 | 48 | 33 | 19 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/35%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------------|------------|------------|------------|------------|------------|------------|------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 194 | 322 | 296 | 612 | 612 | 485 | 322 | 194 | | |
| | Peak admissions/day | | | | 95 | 95 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 143 | 237 | 356 | 452 | 466 | 411 | 315 | 208 | | |
| | % of hospital capacity needed | 16% | 26% | 40% | 50% | 52% | 46% | 35% | 23% | | |
| ICU Capacity | # of influenza patients in ICU | 30 | 63 | 95 | 125 | 134 | 132 | 105 | 71 | | |
| | % of ICU capacity needed | 40% | 85% | 128% | 168% | 180% | 178% | 141% | 96% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 14 | 31 | 48 | 63 | 68 | 65 | 52 | 36 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 38 | 63 | 98 | 122 | 122 | 98 | 63 | 38 |
| | # of influenza deaths in hospital | | | 26 | 44 | 68 | 84 | 84 | 68 | 44 | 26 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/15%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 14 | 55 | 96 | 138 | 180 | 208 | 208 | 180 | 138 | 96 | 92 | 14 | | |
| | Peak admissions/day | | | | | | 32 | 32 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 10 | 41 | 71 | 103 | 132 | 153 | 158 | 142 | 121 | 90 | 62 | 32 | | |
| | % of hospital capacity needed | 1% | 5% | 8% | 11% | 15% | 17% | 18% | 16% | 13% | 10% | 7% | 4% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 9 | 18 | 27 | 38 | 43 | 45 | 44 | 39 | 30 | 21 | 12 | | |
| | % of ICU capacity needed | 1% | 12% | 24% | 36% | 51% | 58% | 61% | 59% | 53% | 40% | 28% | 16% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 5 | 9 | 14 | 18 | 21 | 24 | 24 | 18 | 14 | 11 | 7 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 1 | 11 | 19 | 27 | 36 | 42 | 42 | 36 | 27 | 19 | 11 | 0 |
| | # of influenza deaths in hospital | | | 1 | 8 | 13 | 19 | 25 | 29 | 29 | 25 | 19 | 13 | 8 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/25%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 24 | 93 | 162 | 140 | 300 | 346 | 346 | 300 | 230 | 162 | 93 | 24 | | |
| | Peak admissions/day | | | | | | 54 | 54 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 17 | 68 | 119 | 169 | 220 | 255 | 263 | 208 | 200 | 151 | 103 | 54 | | |
| | % of hospital capacity needed | 2% | 8% | 13% | 19% | 25% | 28% | 29% | 23% | 22% | 17% | 11% | 6% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 15 | 30 | 45 | 62 | 71 | 76 | 75 | 64 | 51 | 35 | 21 | | |
| | % of ICU capacity needed | 3% | 20% | 40% | 61% | 84% | 96% | 102% | 101% | 86% | 69% | 47% | 28% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 8 | 15 | 24 | 30 | 36 | 38 | 38 | 32 | 25 | 18 | 10 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 5 | 19 | 33 | 46 | 60 | 69 | 69 | 60 | 46 | 33 | 19 | 5 |
| | # of influenza deaths in hospital | | | 2 | 12 | 23 | 33 | 42 | 48 | 48 | 42 | 33 | 23 | 12 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/35%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 32 | 130 | 228 | 322 | 421 | 485 | 485 | 421 | 322 | 226 | 130 | 32 | | |
| | Peak admissions/day | | | | | | 76 | 76 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 24 | 95 | 167 | 237 | 308 | 356 | 370 | 330 | 279 | 211 | 144 | 76 | | |
| | % of hospital capacity needed | 3% | 11% | 19% | 26% | 34% | 40% | 41% | 37% | 31% | 24% | 16% | 8% | | |
| ICU Capacity | # of influenza patients in ICU | 5 | 21 | 42 | 63 | 85 | 103 | 106 | 105 | 90 | 70 | 50 | 30 | | |
| | % of ICU capacity needed | 7% | 28% | 57% | 85% | 114% | 139% | 143% | 141% | 121% | 94% | 67% | 40% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 11 | 21 | 32 | 42 | 51 | 53 | 52 | 44 | 35 | 25 | 14 | | |
| | % usage of ventilator | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | <i>tbd</i> | | |
| Deaths | # of deaths from influenza | | | 8 | 26 | 44 | 63 | 83 | 98 | 98 | 83 | 63 | 44 | 26 | 8 |
| | # of influenza deaths in hospital | | | 4 | 18 | 31 | 44 | 59 | 68 | 68 | 59 | 44 | 31 | 18 | 4 |

Oregon HRSA Region 2
Updated: 2/8/2006
Pandemic Flu Planning Assumptions for Benton County

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/15%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 15% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 19 | 27 | 33 | 33 | 27 | 19 | | |
| | Peak admissions/day | | | 5 | 5 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 14 | 20 | 24 | 25 | 22 | 18 | | |
| | % of hospital capacity needed | 10% | 14% | 17% | 17% | 15% | 12% | | |
| ICU Capacity | # of influenza patients in ICU | 3 | 5 | 7 | 7 | 7 | 6 | | |
| | % of ICU capacity needed | 18% | 34% | 43% | 47% | 45% | 37% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 3 | 3 | 4 | 4 | 3 | | |
| | % usage of ventilator | 38% | 71% | 91% | 98% | 95% | 77% | | |
| Deaths | # of deaths from influenza | | | 4 | 5 | 6 | 6 | 5 | 4 |
| | # of influenza deaths in hospital | | | 3 | 4 | 4 | 4 | 4 | 3 |

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/25%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 25% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 32 | 45 | 55 | 55 | 45 | 32 | | |
| | Peak admissions/day | | | 9 | 9 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 23 | 33 | 41 | 42 | 37 | 29 | | |
| | % of hospital capacity needed | 16% | 23% | 28% | 29% | 26% | 20% | | |
| ICU Capacity | # of influenza patients in ICU | 5 | 9 | 11 | 12 | 12 | 10 | | |
| | % of ICU capacity needed | 30% | 56% | 72% | 78% | 76% | 61% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 4 | 6 | 6 | 6 | 5 | | |
| | % usage of ventilator | 63% | 118% | 152% | 163% | 159% | 129% | | |
| Deaths | # of deaths from influenza | | | 6 | 9 | 11 | 11 | 9 | 6 |
| | # of influenza deaths in hospital | | | 4 | 6 | 7 | 7 | 6 | 4 |

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/35%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 35% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 44 | 63 | 78 | 78 | 63 | 44 | | |
| | Peak admissions/day | | | 12 | 12 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 33 | 46 | 57 | 5 | 52 | 41 | | |
| | % of hospital capacity needed | 23% | 32% | 39% | 41% | 36% | 28% | | |
| ICU Capacity | # of influenza patients in ICU | 7 | 12 | 16 | 17 | 17 | 14 | | |
| | % of ICU capacity needed | 42% | 79% | 101% | 109% | 106% | 86% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 3 | 6 | 8 | 9 | 8 | 7 | | |
| | % usage of ventilator | 89% | 166% | 212% | 228% | 222% | 181% | | |
| Deaths | # of deaths from influenza | | | 8 | 12 | 15 | 15 | 12 | 8 |
| | # of influenza deaths in hospital | | | 6 | 8 | 10 | 10 | 8 | 6 |

| Age Group | 0-19 | 20-64 | >65 | Total |
|----------------|--------|---------|--------|---------|
| Benton | 22,264 | 51,132 | 8,355 | 81,751 |
| Lincoln | 10,422 | 24,906 | 9,072 | 44,400 |
| Linn | 30,324 | 60,465 | 15,561 | 106,350 |
| Marion | 81,829 | 180,564 | 36,057 | 298,450 |
| Polk | 18,739 | 36,713 | 9,497 | 64,949 |
| Yamhill | 27,176 | 51,735 | 10,289 | 89,200 |

| Assumptions: | |
|--|-----|
| Based on Population of table above | |
| Total Licensed non-ICU Beds: | 188 |
| % licensed non-ICU beds staffed: | 77% |
| Total staffed non-ICU beds: | 145 |
| Total Licensed ICU beds: | 21 |
| % licensed ICU beds staffed: | 75% |
| Total staffed ICU beds: | 16 |
| Total Number of Ventilators: | 15 |
| % ventilators available: | 25% |
| Total Number of ventilators available: | 4 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/15%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 9 | 16 | 24 | 30 | 30 | 24 | 16 | 9 | | |
| | Peak admissions/day | | | | 5 | 5 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 7 | 12 | 17 | 22 | 23 | 20 | 15 | 10 | | |
| | % of hospital capacity needed | 5% | 8% | 12% | 15% | 16% | 14% | 11% | 7% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 3 | 5 | 6 | 7 | 6 | 5 | 4 | | |
| | % of ICU capacity needed | 9% | 19% | 29% | 39% | 42% | 41% | 33% | 22% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | | |
| | % usage of ventilator | 19% | 40% | 62% | 82% | 88% | 86% | 68% | 47% | | |
| Deaths | # of deaths from influenza | | | 2 | 3 | 5 | 6 | 6 | 5 | 3 | 2 |
| | # of influenza deaths in hospital | | | 1 | 2 | 3 | 4 | 4 | 3 | 2 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/25%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 19 | 26 | 40 | 50 | 50 | 40 | 26 | 16 | | |
| | Peak admissions/day | | | | 8 | 8 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 12 | 19 | 29 | 37 | 38 | 34 | 26 | 17 | | |
| | % of hospital capacity needed | 8% | 13% | 20% | 25% | 26% | 23% | 18% | 12% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 5 | 8 | 10 | 11 | 11 | 9 | 6 | | |
| | % of ICU capacity needed | 15% | 32% | 49% | 65% | 70% | 68% | 54% | 37% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 3 | 4 | 5 | 6 | 5 | 4 | 3 | | |
| | % usage of ventilator | 32% | 67% | 103% | 136% | 147% | 143% | 114% | 79% | | |
| Deaths | # of deaths from influenza | | | 3 | 5 | 8 | 10 | 10 | 8 | 5 | 3 |
| | # of influenza deaths in hospital | | | 2 | 4 | 5 | 7 | 7 | 5 | 4 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/35%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 22 | 37 | 55 | 70 | 70 | 55 | 37 | 22 | | |
| | Peak admissions/day | | | | 11 | 11 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 16 | 27 | 41 | 52 | 53 | 47 | 36 | 24 | | |
| | % of hospital capacity needed | 11% | 19% | 28% | 36% | 37% | 32% | 25% | 16% | | |
| ICU Capacity | # of influenza patients in ICU | 3 | 7 | 11 | 14 | 15 | 15 | 12 | 8 | | |
| | % of ICU capacity needed | 21% | 45% | 69% | 91% | 98% | 96% | 76% | 52% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 4 | 5 | 7 | 8 | 8 | 6 | 4 | | |
| | % usage of ventilator | 44% | 94% | 144% | 191% | 206% | 201% | 160% | 110% | | |
| Deaths | # of deaths from influenza | | | 4 | 7 | 11 | 13 | 13 | 11 | 7 | 4 |
| | # of influenza deaths in hospital | | | 3 | 5 | 7 | 9 | 9 | 7 | 5 | 3 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/15%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 2 | 6 | 11 | 16 | 21 | 24 | 24 | 21 | 16 | 11 | 6 | 2 | | |
| | Peak admissions/day | | | | | | 4 | 4 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 1 | 5 | 8 | 12 | 15 | 17 | 18 | 16 | 14 | 10 | 7 | 4 | | |
| | % of hospital capacity needed | 1% | 3% | 6% | 8% | 10% | 12% | 12% | 11% | 9% | 7% | 5% | 3% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 1 | 2 | 3 | 4 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | | |
| | % of ICU capacity needed | 2% | 7% | 13% | 20% | 26% | 32% | 33% | 33% | 28% | 22% | 15% | 9% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | | |
| | % usage of ventilator | 3% | 14% | 28% | 42% | 56% | 66% | 70% | 68% | 59% | 46% | 33 | 19 | | |
| Deaths | # of deaths from influenza | | | 0 | 1 | 2 | 3 | 4 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |
| | # of influenza deaths in hospital | | | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/25%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 3 | 11 | 18 | 26 | 34 | 40 | 40 | 34 | 26 | 18 | 11 | 3 | | |
| | Peak admissions/day | | | | | | 6 | 6 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 2 | 8 | 14 | 19 | 25 | 29 | 30 | 27 | 23 | 17 | 12 | 6 | | |
| | % of hospital capacity needed | 1% | 5% | 9% | 13% | 17% | 20% | 21% | 19% | 16% | 12% | 8% | 4% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 2 | 3 | 5 | 7 | 8 | 9 | 9 | 7 | 6 | 4 | 2 | | |
| | % of ICU capacity needed | 3% | 11% | 22% | 33% | 44% | 53% | 55% | 54% | 47% | 37% | 26% | 15% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 1 | | |
| | % usage of ventilator | 5% | 24% | 47% | 70% | 93% | 110% | 116% | 114% | 98% | 77% | 54% | 32% | | |
| Deaths | # of deaths from influenza | | | 1 | 2 | 4 | 5 | 7 | 8 | 8 | 7 | 5 | 4 | 2 | 1 |
| | # of influenza deaths in hospital | | | 0 | 1 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 2 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/35%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 4 | 15 | 26 | 37 | 48 | 55 | 55 | 48 | 37 | 26 | 15 | 4 | | |
| | Peak admissions/day | | | | | | 9 | 9 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 3 | 11 | 19 | 27 | 35 | 41 | 42 | 38 | 32 | 24 | 16 | 9 | | |
| | % of hospital capacity needed | 2% | 8% | 13% | 19% | 24% | 28% | 2% | 26% | 22% | 17% | 11% | 6% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 2 | 5 | 7 | 10 | 12 | 12 | 12 | 10 | 8 | 6 | 3 | | |
| | % of ICU capacity needed | 4% | 16% | 31% | 46% | 62% | 74% | 78% | 76% | 65% | 51% | 36% | 21% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 2 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 3 | 2 | | |
| | % usage of ventilator | 7% | 33% | 65% | 97% | 130% | 154% | 163% | 160% | 137% | 107% | 76% | 44% | | |
| Deaths | # of deaths from influenza | | | 1 | 3 | 5 | 7 | 9 | 11 | 11 | 9 | 7 | 5 | 3 | 1 |
| | # of influenza deaths in hospital | | | 0 | 2 | 3 | 5 | 6 | 7 | 7 | 6 | 5 | 3 | 2 | 0 |

Oregon HRSA Region 2
Updated: 2/8/2006
Pandemic Flu Planning Assumptions for Lincoln County

| Influenza Pandemic Impact | 15% Attack Rate | Weekly Admissions 6 wk/15%AR | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 13 | 18 | 22 | 22 | 18 | 13 | | |
| | Peak admissions/day | | | 3 | 3 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 9 | 13 | 16 | 17 | 15 | 12 | | |
| | % of hospital capacity needed | 13% | 19% | 23% | 24% | 21% | 17% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 4 | 5 | 5 | 5 | 4 | | |
| | % of ICU capacity needed | 15% | 28% | 35% | 38% | 37% | 30% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | % usage of ventilator | 54% | 101% | 129% | 138% | 135% | 110% | | |
| Deaths | # of deaths from influenza | | | 3 | 4 | 5 | 5 | 4 | 3 |
| | # of influenza deaths in hospital | | | 2 | 3 | 3 | 3 | 3 | 2 |

| Influenza Pandemic Impact | 25% Attack Rate | Weekly Admissions 6 wk/25%AR | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 21 | 30 | 37 | 37 | 30 | 21 | | |
| | Peak admissions/day | | | 6 | 6 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 15 | 22 | 27 | 28 | 25 | 19 | | |
| | % of hospital capacity needed | 22% | 31% | 39% | 40% | 35% | 28% | | |
| ICU Capacity | # of influenza patients in ICU | 3 | 6 | 8 | 8 | 8 | 6 | | |
| | % of ICU capacity needed | 25% | 46% | 59% | 63% | 62% | 50% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 3 | 4 | 4 | 4 | 3 | | |
| | % usage of ventilator | 90% | 168% | 215% | 231% | 225% | 183% | | |
| Deaths | # of deaths from influenza | | | 5 | 6 | 8 | 8 | 6 | 5 |
| | # of influenza deaths in hospital | | | 3 | 5 | 6 | 6 | 5 | 3 |

| Influenza Pandemic Impact | 35% Attack Rate | Weekly Admissions 6 wk/35%AR | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 29 | 41 | 51 | 51 | 41 | 59 | | |
| | Peak admissions/day | | | 8 | 8 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 22 | 30 | 38 | 39 | 34 | 27 | | |
| | % of hospital capacity needed | 31% | 44% | 54% | 56% | 49% | 39% | | |
| ICU Capacity | # of influenza patients in ICU | 4 | 8 | 11 | 11 | 11 | 9 | | |
| | % of ICU capacity needed | 34% | 64% | 82% | 89% | 86% | 70% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 4 | 5 | 6 | 6 | 4 | | |
| | % usage of ventilator | 126% | 235% | 300% | 323% | 315% | 256% | | |
| Deaths | # of deaths from influenza | | | 6 | 9 | 11 | 11 | 9 | 6 |
| | # of influenza deaths in hospital | | | 4 | 6 | 8 | 8 | 6 | 4 |

| Age Group | 0-19 | 20-64 | >65 | Total |
|-----------|--------|---------|--------|---------|
| Benton | 22,264 | 51,132 | 8,355 | 81,751 |
| Lincoln | 10,422 | 24,906 | 9,072 | 44,400 |
| Linn | 30,324 | 60,465 | 15,561 | 106,350 |
| Marion | 81,829 | 180,564 | 36,057 | 298,450 |
| Polk | 18,739 | 36,713 | 9,497 | 64,949 |
| Yamhill | 27,176 | 51,735 | 10,289 | 89,200 |

| Assumptions: | |
|--|-----|
| Based on Population of table above | |
| Total Licensed non-ICU Beds: | 85 |
| % licensed non-ICU beds staffed: | 82% |
| Total staffed non-ICU beds: | 70 |
| Total Licensed ICU beds: | 17 |
| % licensed ICU beds staffed: | 75% |
| Total staffed ICU beds: | 13 |
| Total Number of Ventilators: | 7 |
| % ventilators available: | 25% |
| Total Number of ventilators available: | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/15%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 6 | 10 | 16 | 20 | 20 | 16 | 10 | 6 | | |
| | Peak admissions/day | | | | 3 | 3 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 5 | 8 | 12 | 15 | 15 | 13 | 10 | 7 | | |
| | % of hospital capacity needed | 7% | 11% | 17% | 21% | 22% | 19% | 15% | 10% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 2 | 3 | 4 | 4 | 4 | 3 | 2 | | |
| | % of ICU capacity needed | 7% | 16% | 24% | 32% | 34% | 33% | 27% | 18% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | | |
| | % usage of ventilator | 27% | 57% | 88% | 116% | 125% | 122% | 97% | 67% | | |
| Deaths | # of deaths from influenza | | | 1 | 2 | 3 | 4 | 4 | 3 | 2 | 1 |
| | # of influenza deaths in hospital | | | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/25%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 10 | 17 | 26 | 33 | 33 | 26 | 17 | 10 | | |
| | Peak admissions/day | | | | 5 | 5 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 8 | 13 | 19 | 24 | 25 | 22 | 17 | 11 | | |
| | % of hospital capacity needed | 11% | 18% | 28% | 35% | 36% | 32% | 24% | 16% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 3 | 5 | 7 | 7 | 7 | 6 | 4 | | |
| | % of ICU capacity needed | 12% | 26% | 40% | 53% | 57% | 56% | 44% | 31% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 3 | 3 | 4 | 4 | 3 | 2 | | |
| | % usage of ventilator | 45% | 95% | 146% | 193% | 209% | 203% | 161% | 111% | | |
| Deaths | # of deaths from influenza | | | 2 | 4 | 6 | 7 | 7 | 6 | 4 | 2 |
| | # of influenza deaths in hospital | | | 2 | 3 | 4 | 5 | 5 | 4 | 3 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/35%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 15 | 24 | 37 | 46 | 46 | 37 | 24 | 15 | | |
| | Peak admissions/day | | | | 7 | 7 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 11 | 18 | 27 | 34 | 35 | 31 | 24 | 16 | | |
| | % of hospital capacity needed | 15% | 26% | 39% | 49% | 51% | 45% | 34% | 22% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 5 | 7 | 9 | 10 | 10 | 8 | 5 | | |
| | % of ICU capacity needed | 17% | 37% | 56% | 74% | 80% | 78% | 62% | 43% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 4 | 5 | 5 | 5 | 4 | 3 | | |
| | % usage of ventilator | 63% | 133% | 204% | 270% | 292% | 284% | 226% | 156% | | |
| Deaths | # of deaths from influenza | | | 3 | 5 | 8 | 10 | 10 | 8 | 5 | 3 |
| | # of influenza deaths in hospital | | | 2 | 4 | 6 | 7 | 7 | 6 | 4 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/15%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 1 | 4 | 7 | 10 | 14 | 16 | 16 | 14 | 10 | 7 | 44 | 1 | | |
| | Peak admissions/day | | | | | | 2 | 2 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 1 | 3 | 5 | 8 | 10 | 12 | 12 | 11 | 9 | 7 | 5 | 2 | | |
| | % of hospital capacity needed | 1% | 4% | 8% | 11% | 14% | 17% | 17% | 15% | 13% | 10% | 7% | 4% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | | |
| | % of ICU capacity needed | 1% | 5% | 11% | 16% | 22% | 26% | 27% | 27% | 23% | 18% | 13% | 7% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | | |
| | % usage of ventilator | 4% | 20% | 40% | 59% | 79% | 94% | 99% | 97% | 83% | 65% | 46% | 27% | | |
| Deaths | # of deaths from influenza | | | 0 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 0 |
| | # of influenza deaths in hospital | | | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/25%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 2 | 7 | 12 | 17 | 23 | 26 | 26 | 23 | 17 | 12 | 7 | 2 | | |
| | Peak admissions/day | | | | | | 4 | 4 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 1 | 5 | 9 | 13 | 17 | 19 | 20 | 18 | 15 | 11 | 8 | 4 | | |
| | % of hospital capacity needed | 2% | 7% | 13% | 18% | 24% | 28% | 29% | 26% | 22% | 16% | 11% | 6% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 1 | 2 | 3 | 5 | 5 | 6 | 6 | 5 | 4 | 3 | 2 | | |
| | % of ICU capacity needed | 2% | 9% | 18% | 27% | 36% | 43% | 45% | 44% | 38% | 30% | 21% | 12% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | | |
| | % usage of ventilator | 7% | 33% | 66% | 98% | 131% | 156% | 165% | 162% | 138% | 109% | 77% | 45% | | |
| Deaths | # of deaths from influenza | | | 0 | 2 | 3 | 4 | 5 | 6 | 6 | 5 | 4 | 3 | 2 | 0 |
| | # of influenza deaths in hospital | | | 0 | 1 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/35%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 2 | 10 | 19 | 24 | 32 | 37 | 37 | 32 | 24 | 17 | 10 | 2 | | |
| | Peak admissions/day | | | | | | 6 | 6 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 2 | 7 | 13 | 18 | 23 | 27 | 28 | 25 | 21 | 16 | 11 | 6 | | |
| | % of hospital capacity needed | 3% | 10% | 18% | 26% | 33% | 39% | 40% | 36% | 30% | 23% | 16% | 8% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 2 | 3 | 5 | 6 | 8 | 8 | 8 | 7 | 5 | 4 | 2 | | |
| | % of ICU capacity needed | 3% | 13% | 25% | 38% | 50% | 60% | 63% | 62% | 53% | 42% | 29% | 17% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 2 | 2 | 3 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | | |
| | % usage of ventilator | 10% | 47% | 92% | 138% | 183% | 219% | 231% | 226% | 194% | 152% | 107% | 63% | | |
| Deaths | # of deaths from influenza | | | 1 | 2 | 4 | 5 | 7 | 8 | 8 | 7 | 5 | 4 | 2 | 1 |
| | # of influenza deaths in hospital | | | 0 | 1 | 3 | 4 | 5 | 6 | 6 | 5 | 4 | 3 | 1 | 0 |

Oregon HRSA Region 2
Updated: 2/8/2006
Pandemic Flu Planning Assumptions for Linn County

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/15%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 15% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 26 | 37 | 46 | 46 | 37 | 26 | | |
| | Peak admissions/day | | | 7 | 7 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 19 | 27 | 34 | 35 | 31 | 25 | | |
| | % of hospital capacity needed | 16% | 22% | 27% | 28% | 25% | 20% | | |
| ICU Capacity | # of influenza patients in ICU | 4 | 7 | 9 | 10 | 10 | 8 | | |
| | % of ICU capacity needed | 31% | 58% | 74% | 80% | 78% | 63% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 4 | 5 | 5 | 5 | 4 | | |
| | % usage of ventilator | 99% | 185% | 237% | 254% | 248% | 201% | | |
| Deaths | # of deaths from influenza | | | 5 | 8 | 9 | 9 | 8 | 5 |
| | # of influenza deaths in hospital | | | 4 | 5 | 7 | 7 | 5 | 4 |

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/25%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 25% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 44 | 62 | 77 | 77 | 62 | 44 | | |
| | Peak admissions/day | | | 12 | 12 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 32 | 46 | 57 | 59 | 52 | 41 | | |
| | % of hospital capacity needed | 26% | 37% | 45% | 47% | 41% | 33% | | |
| ICU Capacity | # of influenza patients in ICU | 7 | 12 | 16 | 17 | 17 | 13 | | |
| | % of ICU capacity needed | 52% | 7% | 124% | 133% | 130% | 105% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 3 | 6 | 8 | 8 | 8 | 7 | | |
| | % usage of ventilator | 165% | 308% | 394% | 424% | 413% | 336% | | |
| Deaths | # of deaths from influenza | | | 9 | 13 | 16 | 16 | 13 | 9 |
| | # of influenza deaths in hospital | | | 6 | 9 | 11 | 11 | 9 | 6 |

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/35%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 35% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 62 | 87 | 108 | 108 | 87 | 62 | | |
| | Peak admissions/day | | | 17 | 17 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 45 | 64 | 79 | 82 | 72 | 57 | | |
| | % of hospital capacity needed | 36% | 51% | 63% | 66% | 58% | 46% | | |
| ICU Capacity | # of influenza patients in ICU | 9 | 17 | 22 | 24 | 23 | 19 | | |
| | % of ICU capacity needed | 72% | 135% | 173% | 186% | 182% | 147% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 5 | 9 | 11 | 12 | 12 | 9 | | |
| | % usage of ventilator | 231% | 432% | 552% | 594% | 579% | 470% | | |
| Deaths | # of deaths from influenza | | | 13 | 18 | 22 | 22 | 18 | 13 |
| | # of influenza deaths in hospital | | | 9 | 12 | 15 | 15 | 12 | 9 |

| Age Group | 0-19 | 20-64 | >65 | Total |
|-----------|--------|---------|--------|---------|
| Benton | 22,264 | 51,132 | 8,355 | 81,751 |
| Lincoln | 10,422 | 24,906 | 9,072 | 44,400 |
| Linn | 30,324 | 60,465 | 15,561 | 106,350 |
| Marion | 81,829 | 180,564 | 36,057 | 298,450 |
| Polk | 18,739 | 36,713 | 9,497 | 64,949 |
| Yamhill | 27,176 | 51,735 | 10,289 | 89,200 |

| Assumptions: | |
|--|------|
| Based on Population of table above | |
| Total Licensed non-ICU Beds: | 125 |
| % licensed non-ICU beds staffed: | 100% |
| Total staffed non-ICU beds: | 125 |
| Total Licensed ICU beds: | 17 |
| % licensed ICU beds staffed: | 75% |
| Total staffed ICU beds: | 13 |
| Total Number of Ventilators: | 8 |
| % ventilators available: | 25% |
| Total Number of ventilators available: | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/15%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 13 | 22 | 33 | 42 | 42 | 33 | 22 | 13 | | |
| | Peak admissions/day | | | | 7 | 7 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 10 | 16 | 24 | 31 | 32 | 28 | 21 | 14 | | |
| | % of hospital capacity needed | 8% | 13% | 19% | 25% | 25% | 22% | 17% | 11% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 4 | 6 | 9 | 9 | 9 | 7 | 5 | | |
| | % of ICU capacity needed | 16% | 33% | 51% | 67% | 72% | 70% | 56% | 39% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 3 | 4 | 5 | 4 | 4 | 2 | | |
| | % usage of ventilator | 49% | 105% | 161% | 213% | 230% | 224% | 178% | 123% | | |
| Deaths | # of deaths from influenza | | | 3 | 4 | 7 | 9 | 9 | 7 | 4 | 3 |
| | # of influenza deaths in hospital | | | 2 | 3 | 5 | 6 | 6 | 5 | 3 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/25%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 22 | 37 | 55 | 70 | 70 | 55 | 37 | 22 | | |
| | Peak admissions/day | | | | 11 | 11 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 16 | 27 | 40 | 51 | 53 | 47 | 36 | 23 | | |
| | % of hospital capacity needed | 13% | 22% | 32% | 41% | 42% | 37% | 29% | 19% | | |
| ICU Capacity | # of influenza patients in ICU | 3 | 7 | 11 | 14 | 15 | 15 | 12 | 8 | | |
| | % of ICU capacity needed | 26% | 55% | 84% | 111% | 120% | 117% | 93% | 64% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 3 | 5 | 7 | 8 | 7 | 6 | 4 | | |
| | % usage of ventilator | 82% | 175% | 268% | 354% | 384% | 373% | 297% | 205% | | |
| Deaths | # of deaths from influenza | | | 4 | 7 | 11 | 14 | 14 | 11 | 7 | 4 |
| | # of influenza deaths in hospital | | | 3 | 5 | 8 | 10 | 10 | 8 | 5 | 3 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/35%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 31 | 51 | 77 | 97 | 97 | 77 | 51 | 31 | | |
| | Peak admissions/day | | | | 15 | 15 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 23 | 38 | 57 | 72 | 74 | 65 | 50 | 33 | | |
| | % of hospital capacity needed | 18% | 30% | 45% | 57% | 59% | 52% | 40% | 26% | | |
| ICU Capacity | # of influenza patients in ICU | 5 | 10 | 15 | 20 | 21 | 21 | 17 | 11 | | |
| | % of ICU capacity needed | 36% | 77% | 118% | 156% | 168% | 164% | 130% | 90% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 5 | 8 | 10 | 11 | 10 | 8 | 6 | | |
| | % usage of ventilator | 115% | 245% | 376% | 496% | 537% | 522% | 415% | 287% | | |
| Deaths | # of deaths from influenza | | | 6 | 10 | 16 | 20 | 20 | 16 | 10 | 6 |
| | # of influenza deaths in hospital | | | 4 | 7 | 11 | 14 | 14 | 11 | 7 | 4 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/15%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 2 | 9 | 15 | 22 | 29 | 33 | 33 | 29 | 22 | 15 | 6 | 2 | | |
| | Peak admissions/day | | | | | | 5 | 5 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 2 | 6 | 11 | 16 | 21 | 24 | 25 | 22 | 19 | 14 | 10 | 5 | | |
| | % of hospital capacity needed | 1% | 5% | 9% | 13% | 17% | 19% | 20% | 18% | 15% | 12% | 8% | 4% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 1 | 3 | 4 | 6 | 7 | 7 | 7 | 6 | 5 | 3 | 2 | | |
| | % of ICU capacity needed | 3% | 12% | 23% | 34% | 45% | 54% | 57% | 56% | 48% | 38% | 27% | 16% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 3 | 2 | 2 | 1 | | |
| | % usage of ventilator | 8% | 37% | 73% | 109% | 145% | 172% | 182% | 178% | 153% | 120% | 85% | 50% | | |
| Deaths | # of deaths from influenza | | | 0 | 2 | 3 | 4 | 6 | 7 | 7 | 6 | 4 | 3 | 2 | 0 |
| | # of influenza deaths in hospital | | | 0 | 1 | 2 | 3 | 4 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/25%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 4 | 15 | 26 | 37 | 48 | 55 | 55 | 48 | 37 | 26 | 15 | 4 | | |
| | Peak admissions/day | | | | | | 9 | 9 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 3 | 11 | 19 | 27 | 35 | 40 | 42 | 37 | 32 | 24 | 16 | 9 | | |
| | % of hospital capacity needed | 2% | 9% | 15% | 22% | 28% | 32% | 33% | 30% | 25% | 19% | 13% | 7% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 2 | 5 | 7 | 10 | 11 | 12 | 12 | 10 | 8 | 6 | 3 | | |
| | % of ICU capacity needed | 4% | 19% | 38% | 57% | 76% | 90% | 95% | 93% | 80% | 63% | 44% | 26% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 2 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 3 | 2 | | |
| | % usage of ventilator | 14% | 61% | 121% | 181% | 241% | 287% | 303% | 297% | 254% | 200% | 141% | 83% | | |
| Deaths | # of deaths from influenza | | | 1 | 3 | 5 | 7 | 10 | 11 | 11 | 10 | 7 | 5 | 3 | 1 |
| | # of influenza deaths in hospital | | | 1 | 2 | 4 | 5 | 7 | 8 | 8 | 7 | 5 | 4 | 2 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/35%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 5 | 21 | 36 | 51 | 67 | 77 | 77 | 67 | 51 | 36 | 21 | 5 | | |
| | Peak admissions/day | | | | | | 12 | 12 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 4 | 15 | 26 | 38 | 49 | 57 | 59 | 52 | 44 | 34 | 23 | 12 | | |
| | % of hospital capacity needed | 3% | 12% | 21% | 30% | 39% | 45% | 47% | 42% | 36% | 27% | 18% | 10% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 3 | 7 | 10 | 13 | 16 | 17 | 17 | 14 | 11 | 8 | 5 | | |
| | % of ICU capacity needed | 6% | 27% | 53% | 79% | 106% | 126% | 133% | 130% | 112% | 88% | 62% | 36% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 2 | 3 | 5 | 7 | 8 | 8 | 8 | 7 | 6 | 4 | 2 | | |
| | % usage of ventilator | 19% | 86% | 169% | 253% | 337% | 402% | 424% | 416% | 356% | 279% | 197% | 116% | | |
| Deaths | # of deaths from influenza | | | 1 | 4 | 7 | 10 | 14 | 16 | 16 | 14 | 10 | 7 | 4 | 1 |
| | # of influenza deaths in hospital | | | 1 | 3 | 5 | 7 | 10 | 11 | 11 | 10 | 7 | 5 | 3 | 1 |

Oregon HRSA Region 2
Updated: 2/8/2006
Pandemic Flu Planning Assumptions for Marion County

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/15%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 15% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 72 | 101 | 125 | 125 | 101 | 72 | | |
| | Peak admissions/day | | | 20 | 20 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 53 | 74 | 92 | 95 | 84 | 66 | | |
| | % of hospital capacity needed | 11% | 16% | 20% | 20% | 18% | 14% | | |
| ICU Capacity | # of influenza patients in ICU | 11 | 20 | 26 | 28 | 27 | 22 | | |
| | % of ICU capacity needed | 43% | 81% | 104% | 112% | 109% | 88% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 5 | 10 | 13 | 14 | 13 | 11 | | |
| | % usage of ventilator | 58% | 109% | 139% | 149% | 145% | 118% | | |
| Deaths | # of deaths from influenza | | | 14 | 20 | 25 | 25 | 20 | 14 |
| | # of influenza deaths in hospital | | | 10 | 14 | 17 | 17 | 14 | 10 |

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/25%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 25% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 119 | 169 | 209 | 209 | 169 | 119 | | |
| | Peak admissions/day | | | 33 | 33 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 88 | 124 | 153 | 159 | 140 | 111 | | |
| | % of hospital capacity needed | 19% | 27% | 33% | 34% | 30% | 24% | | |
| ICU Capacity | # of influenza patients in ICU | 18 | 33 | 43 | 46 | 45 | 36 | | |
| | % of ICU capacity needed | 72% | 135% | 173% | 186% | 181% | 147% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 9 | 17 | 21 | 23 | 22 | 18 | | |
| | % usage of ventilator | 97% | 181% | 231% | 249% | 242% | 197% | | |
| Deaths | # of deaths from influenza | | | 23 | 33 | 41 | 41 | 33 | 23 |
| | # of influenza deaths in hospital | | | 16 | 23 | 29 | 29 | 23 | 16 |

| Influenza Pandemic Impact | Questions | Weekly Admissions 6 wk/35%AR | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|
| | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| 35% Attack Rate | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 167 | 236 | 292 | 292 | 236 | 167 | | |
| | Peak admissions/day | | | 46 | 46 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 123 | 174 | 215 | 222 | 196 | 155 | | |
| | % of hospital capacity needed | 26% | 37% | 46% | 48% | 42% | 33% | | |
| ICU Capacity | # of influenza patients in ICU | 25 | 47 | 60 | 64 | 63 | 51 | | |
| | % of ICU capacity needed | 101% | 189% | 242% | 260% | 254% | 206% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 13 | 23 | 30 | 32 | 31 | 25 | | |
| | % usage of ventilator | 135% | 253% | 324% | 348% | 339% | 276% | | |
| Deaths | # of deaths from influenza | | | 33 | 46 | 57 | 57 | 46 | 33 |
| | # of influenza deaths in hospital | | | 23 | 32 | 40 | 40 | 32 | 23 |

| Age Group | 0-19 | 20-64 | >65 | Total |
|-----------|--------|---------|--------|---------|
| Benton | 22,264 | 51,132 | 8,355 | 81,751 |
| Lincoln | 10,422 | 24,906 | 9,072 | 44,400 |
| Linn | 30,324 | 60,465 | 15,561 | 106,350 |
| Marion | 81,829 | 180,564 | 36,057 | 298,450 |
| Polk | 18,739 | 36,713 | 9,497 | 64,949 |
| Yamhill | 27,176 | 51,735 | 10,289 | 89,200 |

Assumptions:
Based on Population of table above
Total Licensed non-ICU Beds: 543
% licensed non-ICU beds staffed: 86%
Total staffed non-ICU beds: 467
Total Licensed ICU beds: 33
% licensed ICU beds staffed: 75%
Total staffed ICU beds: 18
Total Number of Ventilators: 37
% ventilators available: 25%
Total Number of ventilators availab 9

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/15%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 36 | 60 | 89 | 113 | 113 | 89 | 60 | 36 | | |
| | Peak admissions/day | | | | 18 | 18 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 26 | 44 | 66 | 83 | 86 | 76 | 58 | 38 | | |
| | % of hospital capacity needed | 6% | 9% | 14% | 18% | 18% | 16% | 12% | 8% | | |
| ICU Capacity | # of influenza patients in ICU | 5 | 11 | 17 | 23 | 25 | 24 | 19 | 13 | | |
| | % of ICU capacity needed | 22% | 46% | 71% | 93% | 101% | 98% | 78% | 54% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 3 | 6 | 9 | 12 | 12 | 12 | 10 | 7 | | |
| | % usage of ventilator | 29% | 62% | 94% | 125% | 135% | 131% | 104% | 72% | | |
| Deaths | # of deaths from influenza | | | 7 | 12 | 18 | 22 | 22 | 18 | 12 | 7 |
| | # of influenza deaths in hospital | | | 5 | 8 | 12 | 16 | 16 | 12 | 8 | 5 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/25%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 60 | 99 | 149 | 189 | 189 | 149 | 99 | 60 | | |
| | Peak admissions/day | | | | 29 | 29 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 44 | 73 | 110 | 139 | 144 | 126 | 97 | 64 | | |
| | % of hospital capacity needed | 9% | 16% | 23% | 30% | 31% | 27% | 21% | 14% | | |
| ICU Capacity | # of influenza patients in ICU | 9 | 19 | 29 | 38 | 42 | 40 | 32 | 22 | | |
| | % of ICU capacity needed | 36% | 77% | 118% | 155% | 168% | 164% | 130% | 90% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 4 | 9 | 15 | 19 | 21 | 20 | 16 | 11 | | |
| | % usage of ventilator | 48% | 103% | 157% | 208% | 225% | 219% | 174% | 120% | | |
| Deaths | # of deaths from influenza | | | 12 | 19 | 29 | 37 | 37 | 29 | 19 | 12 |
| | # of influenza deaths in hospital | | | 8 | 14 | 20 | 26 | 26 | 20 | 14 | 8 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/35%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 83 | 139 | 20 | 264 | 264 | 209 | 139 | 83 | | |
| | Peak admissions/day | | | | 41 | 41 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 61 | 102 | 153 | 194 | 201 | 177 | 136 | 89 | | |
| | % of hospital capacity needed | 13% | 22% | 33% | 42% | 43% | 38% | 29% | 19% | | |
| ICU Capacity | # of influenza patients in ICU | 13 | 27 | 41 | 54 | 58 | 57 | 45 | 31 | | |
| | % of ICU capacity needed | 51% | 107% | 165% | 218% | 235% | 229% | 182% | 126% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 6 | 13 | 20 | 27 | 29 | 28 | 23 | 16 | | |
| | % usage of ventilator | 68% | 144% | 220% | 291% | 315% | 306% | 244% | 168% | | |
| Deaths | # of deaths from influenza | | | 16 | 27 | 41 | 52 | 52 | 41 | 27 | 16 |
| | # of influenza deaths in hospital | | | 11 | 19 | 29 | 36 | 36 | 29 | 19 | 11 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/15%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 6 | 24 | 42 | 60 | 77 | 89 | 89 | 77 | 60 | 42 | 24 | 6 | | |
| | Peak admissions/day | | | | | | 14 | 14 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 4 | 18 | 31 | 44 | 57 | 66 | 68 | 61 | 52 | 39 | 26 | 14 | | |
| | % of hospital capacity needed | 1% | 4% | 7% | 9% | 12% | 14% | 15% | 13% | 11% | 8% | 6% | 3% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 4 | 8 | 12 | 16 | 19 | 20 | 19 | 17 | 13 | 9 | 5 | | |
| | % of ICU capacity needed | 4% | 16% | 32% | 48% | 63% | 76% | 80% | 78% | 67% | 53% | 37% | 22% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 2 | 4 | 6 | 8 | 9 | 10 | 10 | 8 | 6 | 5 | 3 | | |
| | % usage of ventilator | 5% | 22% | 43% | 64% | 85% | 101% | 107% | 105% | 90% | 70% | 50% | 29% | | |
| Deaths | # of deaths from influenza | | | 1 | 5 | 8 | 12 | 15 | 18 | 18 | 15 | 12 | 8 | 5 | 1 |
| | # of influenza deaths in hospital | | | 1 | 3 | 6 | 8 | 11 | 12 | 12 | 11 | 8 | 6 | 3 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/25%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 10 | 40 | 70 | 9 | 129 | 149 | 149 | 129 | 99 | 70 | 40 | 10 | | |
| | Peak admissions/day | | | | | | 23 | 23 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 7 | 29 | 51 | 73 | 95 | 110 | 113 | 101 | 86 | 65 | 44 | 23 | | |
| | % of hospital capacity needed | 2% | 6% | 11% | 16% | 20% | 23% | 24% | 22% | 18% | 14% | 9% | 5% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 7 | 13 | 20 | 26 | 31 | 33 | 32 | 28 | 22 | 15 | 9 | | |
| | % of ICU capacity needed | 6% | 27% | 53% | 79% | 106% | 126% | 133% | 130% | 112% | 88% | 62% | 36% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 3 | 7 | 10 | 13 | 16 | 16 | 16 | 14 | 11 | 8 | 4 | | |
| | % usage of ventilator | 8% | 36% | 71% | 106% | 141% | 168% | 178% | 174% | 149% | 117% | 83% | 48% | | |
| Deaths | # of deaths from influenza | | | 2 | 8 | 14 | 19 | 25 | 29 | 29 | 25 | 19 | 14 | 8 | 2 |
| | # of influenza deaths in hospital | | | 1 | 5 | 10 | 14 | 18 | 20 | 20 | 18 | 14 | 10 | 5 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/35%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 14 | 56 | 97 | 139 | 181 | 209 | 209 | 181 | 139 | 97 | 56 | 14 | | |
| | Peak admissions/day | | | | | | 33 | 33 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 10 | 41 | 72 | 102 | 133 | 153 | 159 | 142 | 120 | 91 | 62 | 33 | | |
| | % of hospital capacity needed | 2% | 9% | 15% | 22% | 28% | 33% | 34% | 30% | 26% | 20% | 13% | 7% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 9 | 18 | 27 | 37 | 44 | 46 | 45 | 39 | 30 | 21 | 13 | | |
| | % of ICU capacity needed | 8% | 38% | 74% | 111% | 148% | 176% | 186% | 182% | 156% | 123% | 87% | 51% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 5 | 9 | 14 | 18 | 22 | 23 | 23 | 19 | 15 | 11 | 6 | | |
| | % usage of ventilator | 11% | 50% | 99% | 149% | 198% | 236% | 249% | 244% | 209% | 164% | 116% | 68% | | |
| Deaths | # of deaths from influenza | | | 3 | 11 | 19 | 27 | 35 | 41 | 41 | 35 | 27 | 19 | 11 | 3 |
| | # of influenza deaths in hospital | | | 2 | 8 | 13 | 19 | 25 | 29 | 29 | 25 | 19 | 13 | 8 | 2 |

Oregon HRSA Region 2
Updated: 2/8/2006
Pandemic Flu Planning Assumptions for Polk County

| Influenza Pandemic Impact | | Weekly Admissions 6 wk/15%AR | | | | | | | |
|---------------------------|--|------------------------------|------|-------|-------|-------|------|------|------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 16 | 23 | 28 | 28 | 23 | 16 | | |
| | Peak admissions/day | | | 4 | 4 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 12 | 17 | 21 | 21 | 1 | 15 | | |
| | % of hospital capacity needed | 192% | 271% | 335% | 347% | 307% | 242% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 5 | 6 | 6 | 6 | 5 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 3 | 3 | 3 | 2 | | |
| | % usage of ventilator | 482% | 901% | 1153% | 1239% | 1208% | 981% | | |
| Deaths | # of deaths from influenza | | | 3 | 5 | 6 | 6 | 5 | 3 |
| | # of influenza deaths in hospital | | | 2 | 3 | 4 | 4 | 3 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 6 wk/25%AR | | | | | | | |
|---------------------------|--|------------------------------|-------|-------|-------|-------|------|------|------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 27 | 38 | 47 | 47 | 38 | 27 | | |
| | Peak admissions/day | | | 7 | 7 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 20 | 28 | 34 | 36 | 31 | 25 | | |
| | % of hospital capacity needed | 319% | 452% | 559% | 579% | 511% | 404% | | |
| ICU Capacity | # of influenza patients in ICU | 4 | 8 | 10 | 10 | 10 | 8 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 4 | 5 | 5 | 5 | 4 | | |
| | % usage of ventilator | 803% | 1501% | 1921% | 2065% | 1634% | | | |
| Deaths | # of deaths from influenza | | | 5 | 8 | 10 | 10 | 8 | 5 |
| | # of influenza deaths in hospital | | | 4 | 5 | 7 | 7 | 5 | 4 |

| Influenza Pandemic Impact | | Weekly Admissions 6 wk/35%AR | | | | | | | |
|---------------------------|--|------------------------------|-------|-------|-------|-------|-------|------|------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 37 | 53 | 66 | 66 | 53 | 37 | | |
| | Peak admissions/day | | | 10 | 10 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 28 | 39 | 48 | 50 | 44 | 35 | | |
| | % of hospital capacity needed | 447% | 633% | 782% | 810% | 715% | 565% | | |
| ICU Capacity | # of influenza patients in ICU | 6 | 11 | 13 | 14 | 14 | 11 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 3 | 5 | 7 | 7 | 7 | 6 | | |
| | % usage of ventilator | 1124% | 2102% | 2689% | 2891% | 2818% | 2288% | | |
| Deaths | # of deaths from influenza | | | 8 | 11 | 13 | 13 | 11 | 8 |
| | # of influenza deaths in hospital | | | 5 | 8 | 9 | 9 | 8 | 5 |

| Age Group | 0-19 | 20-64 | >65 | Total |
|-----------|--------|---------|--------|---------|
| Benton | 22,264 | 51,132 | 8,355 | 81,751 |
| Lincoln | 10,422 | 24,906 | 9,072 | 44,400 |
| Linn | 30,324 | 60,465 | 15,561 | 106,350 |
| Marion | 81,829 | 180,564 | 36,057 | 298,450 |
| Polk | 18,739 | 36,713 | 9,497 | 64,949 |
| Yamhill | 27,176 | 51,735 | 10,289 | 89,200 |

| Assumptions: | |
|--|-----|
| Based on Population of table above | |
| Total Licensed non-ICU Beds: | 44 |
| % licensed non-ICU beds staffed: | 14% |
| Total staffed non-ICU beds: | 6 |
| Total Licensed ICU beds: | 0 |
| % licensed ICU beds staffed: | 75% |
| Total staffed ICU beds: | 0 |
| Total Number of Ventilators: | 1 |
| % ventilators available: | 25% |
| Total Number of ventilators available: | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/15%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|------|-------|-------|-------|------|------|------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 8 | 13 | 20 | 25 | 25 | 20 | 13 | 8 | | |
| | Peak admissions/day | | | | 4 | 4 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 6 | 10 | 15 | 19 | 19 | 17 | 13 | 9 | | |
| | % of hospital capacity needed | 96% | 160% | 239% | 303% | 314% | 276% | 212% | 139% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 3 | 4 | 5 | 6 | 5 | 4 | 3 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 1 | 2 | 3 | 3 | 3 | 2 | 1 | | |
| | % usage of ventilator | 241% | 511% | 784% | 1036% | 1121% | 1090% | 867% | 598% | | |
| Deaths | # of deaths from influenza | | | 2 | 3 | 4 | 5 | 5 | 4 | 3 | 2 |
| | # of influenza deaths in hospital | | | 1 | 2 | 3 | 4 | 4 | 3 | 2 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/25%AR | | | | | | | | | |
|---------------------------|--|------------------------------|------|-------|-------|-------|-------|-------|------|------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 13 | 22 | 33 | 42 | 42 | 33 | 22 | 13 | | |
| | Peak admissions/day | | | | 7 | 7 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 10 | 16 | 25 | 31 | 32 | 28 | 22 | 14 | | |
| | % of hospital capacity needed | 160% | 266% | 399% | 505% | 523% | 460% | 353% | 231% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 4 | 7 | 9 | 9 | 9 | 7 | 5 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 3 | 4 | 5 | 5 | 4 | 2 | | |
| | % usage of ventilator | 401% | 851% | 1307% | 1726% | 1868% | 1817% | 1444% | 997% | | |
| Deaths | # of deaths from influenza | | | 3 | 5 | 7 | 9 | 9 | 7 | 5 | 3 |
| | # of influenza deaths in hospital | | | 2 | 3 | 5 | 6 | 6 | 5 | 3 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/35%AR | | | | | | | | | |
|---------------------------|--|------------------------------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 19 | 31 | 47 | 59 | 59 | 47 | 31 | 19 | | |
| | Peak admissions/day | | | | 9 | 9 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 14 | 23 | 34 | 44 | 45 | 40 | 30 | 20 | | |
| | % of hospital capacity needed | 223% | 372% | 559% | 708% | 733% | 644% | 494% | 324% | | |
| ICU Capacity | # of influenza patients in ICU | 3 | 6 | 9 | 12 | 13 | 13 | 10 | 7 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 3 | 5 | 6 | 7 | 6 | 5 | 3 | | |
| | % usage of ventilator | 562% | 1191% | 1830% | 2417% | 2616% | 2544% | 2022% | 1396% | | |
| Deaths | # of deaths from influenza | | | 4 | 6 | 10 | 12 | 12 | 10 | 6 | 4 |
| | # of influenza deaths in hospital | | | 3 | 4 | 7 | 8 | 8 | 7 | 4 | 3 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/15%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 1 | 5 | 9 | 13 | 17 | 20 | 20 | 17 | 13 | 9 | 5 | 1 | | |
| | Peak admissions/day | | | | | | 3 | 3 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 1 | 4 | 7 | 10 | 13 | 15 | 15 | 14 | 12 | 9 | 6 | 3 | | |
| | % of hospital capacity needed | 16% | 64% | 112% | 160% | 208% | 239% | 248% | 222% | 188% | 142% | 97% | 51% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 1 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | | |
| | % usage of ventilator | 40% | 179% | 354% | 529% | 704% | 839% | 885% | 868% | 744% | 583% | 412% | 241% | | |
| Deaths | # of deaths from influenza | | | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 1 | 0 |
| | # of influenza deaths in hospital | | | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/25%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 2 | 9 | 16 | 22 | 29 | 33 | 33 | 29 | 22 | 16 | 9 | 2 | | |
| | Peak admissions/day | | | | | | 5 | 5 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 2 | 7 | 11 | 16 | 21 | 25 | 25 | 23 | 19 | 15 | 10 | 5 | | |
| | % of hospital capacity needed | 27% | 106% | 186% | 266% | 346% | 399% | 413% | 370% | 313% | 237% | 161% | 85% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 1 | 3 | 4 | 6 | 7 | 7 | 7 | 6 | 5 | 3 | 2 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 3 | 2 | 2 | 1 | | |
| | % usage of ventilator | 67% | 298% | 590% | 881% | 1173% | 1398% | 1475% | 1447% | 1240% | 972% | 687% | 402% | | |
| Deaths | # of deaths from influenza | | | 0 | 2 | 3 | 5 | 6 | 7 | 7 | 6 | 5 | 3 | 2 | 0 |
| | # of influenza deaths in hospital | | | 0 | 1 | 2 | 3 | 4 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/35%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 3 | 12 | 22 | 31 | 41 | 47 | 47 | 41 | 31 | 22 | 12 | 3 | | |
| | Peak admissions/day | | | | | | 7 | 7 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 2 | 9 | 16 | 23 | 30 | 34 | 36 | 32 | 27 | 20 | 14 | 7 | | |
| | % of hospital capacity needed | 37% | 149% | 261% | 372% | 484% | 559% | 579% | 518% | 439% | 332% | 225% | 119% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 2 | 4 | 6 | 8 | 10 | 10 | 10 | 9 | 7 | 5 | 3 | | |
| | % of ICU capacity needed | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 2 | 3 | 4 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | | |
| | % usage of ventilator | 94% | 417% | 826% | 1234% | 1642% | 1957% | 2065% | 2026% | 1735% | 1361% | 962% | 563% | | |
| Deaths | # of deaths from influenza | | | 1 | 3 | 4 | 6 | 8 | 10 | 10 | 8 | 6 | 4 | 3 | 1 |
| | # of influenza deaths in hospital | | | 0 | 2 | 3 | 4 | 6 | 7 | 7 | 6 | 4 | 3 | 2 | 0 |

Oregon HRSA Region 2
Updated: 2/8/2006
Pandemic Flu Planning Assumptions for Yamhill County

| Influenza Pandemic Impact | | Weekly Admissions 6 wk/15%AR | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 21 | 29 | 36 | 36 | 29 | 21 | | |
| | Peak admissions/day | | | 6 | 6 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 15 | 21 | 26 | 27 | 24 | 19 | | |
| | % of hospital capacity needed | 18% | 26% | 32% | 33% | 29% | 23% | | |
| ICU Capacity | # of influenza patients in ICU | 3 | 6 | 7 | 8 | 8 | 6 | | |
| | % of ICU capacity needed | 37% | 70% | 90% | 96% | 94% | 76% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 3 | 4 | 4 | 4 | 3 | | |
| | % usage of ventilator | 62% | 116% | 148% | 159% | 155% | 126% | | |
| Deaths | # of deaths from influenza | | | 4 | 6 | 7 | 7 | 6 | 4 |
| | # of influenza deaths in hospital | | | 3 | 4 | 5 | 5 | 4 | 3 |

| Influenza Pandemic Impact | | Weekly Admissions 6 wk/25%AR | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 34 | 49 | 60 | 60 | 49 | 34 | | |
| | Peak admissions/day | | | 9 | 9 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 25 | 36 | 44 | 46 | 40 | 32 | | |
| | % of hospital capacity needed | 30% | 43% | 53% | 54% | 48% | 38% | | |
| ICU Capacity | # of influenza patients in ICU | 5 | 10 | 12 | 13 | 13 | 10 | | |
| | % of ICU capacity needed | 62% | 117% | 149% | 161% | 157% | 127% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 3 | 5 | 6 | 7 | 6 | 5 | | |
| | % usage of ventilator | 103% | 193% | 246% | 264% | 258% | 210% | | |
| Deaths | # of deaths from influenza | | | 7 | 9 | 12 | 12 | 9 | 7 |
| | # of influenza deaths in hospital | | | 5 | 7 | 8 | 8 | 7 | 5 |

| Influenza Pandemic Impact | | Weekly Admissions 6 wk/35%AR | | | | | | | |
|---------------------------|--|------------------------------|------|------|------|------|------|------|------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 |
| Questions | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 48 | 68 | 84 | 84 | 68 | 48 | | |
| | Peak admissions/day | | | 13 | 13 | | | | |
| Hospital Capacity | # of influenza patients in hospital | 35 | 50 | 62 | 64 | 57 | 45 | | |
| | % of hospital capacity needed | 42% | 60% | 74% | 76% | 67% | 53% | | |
| ICU Capacity | # of influenza patients in ICU | 7 | 13 | 17 | 19 | 18 | 15 | | |
| | % of ICU capacity needed | 87% | 163% | 209% | 225% | 219% | 178% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 4 | 7 | 9 | 9 | 9 | 7 | | |
| | % usage of ventilator | 144% | 270% | 345% | 371% | 362% | 294% | | |
| Deaths | # of deaths from influenza | | | 9 | 13 | 16 | 16 | 13 | 9 |
| | # of influenza deaths in hospital | | | 7 | 9 | 11 | 11 | 9 | 7 |

| Age Group | 0-19 | 20-64 | >65 | Total |
|-----------|--------|---------|--------|---------|
| Benton | 22,264 | 51,132 | 8,355 | 81,751 |
| Lincoln | 10,422 | 24,906 | 9,072 | 44,400 |
| Linn | 30,324 | 60,465 | 15,561 | 106,350 |
| Marion | 81,829 | 180,564 | 36,057 | 298,450 |
| Polk | 18,739 | 36,713 | 9,497 | 64,949 |
| Yamhill | 27,176 | 51,735 | 10,289 | 89,200 |

Assumptions:

Based on Population of table above

| | |
|--|-----|
| Total Licensed non-ICU Beds: | 115 |
| % licensed non-ICU beds staffed: | 73% |
| Total staffed non-ICU beds: | 84 |
| Total Licensed ICU beds: | 11 |
| % licensed ICU beds staffed: | 75% |
| Total staffed ICU beds: | 8 |
| Total Number of Ventilators: | 10 |
| % ventilators available: | 25% |
| Total Number of ventilators available: | 3 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/15%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 10 | 17 | 26 | 33 | 33 | 26 | 17 | 10 | | |
| | Peak admissions/day | | | | 5 | 5 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 8 | 13 | 19 | 24 | 25 | 22 | 17 | 11 | | |
| | % of hospital capacity needed | 9% | 15% | 23% | 2% | 30% | 26% | 20% | 13% | | |
| ICU Capacity | # of influenza patients in ICU | 2 | 3 | 5 | 7 | 7 | 7 | 6 | 4 | | |
| | % of ICU capacity needed | 19% | 40% | 61% | 81% | 87% | 85% | 67% | 47% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 2 | 3 | 3 | 4 | 3 | 3 | 2 | | |
| | % usage of ventilator | 31% | 66% | 101% | 133% | 144% | 140% | 111% | 77% | | |
| Deaths | # of deaths from influenza | | | 2 | 3 | 5 | 6 | 6 | 5 | 3 | 2 |
| | # of influenza deaths in hospital | | | 1 | 2 | 4 | 4 | 4 | 4 | 2 | 1 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/25%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 17 | 29 | 43 | 54 | 54 | 43 | 29 | 17 | | |
| | Peak admissions/day | | | | 8 | 8 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 13 | 21 | 32 | 40 | 41 | 36 | 28 | 18 | | |
| | % of hospital capacity needed | 15% | 25% | 38% | 48% | 49% | 43% | 33% | 22% | | |
| ICU Capacity | # of influenza patients in ICU | 3 | 5 | 8 | 11 | 12 | 12 | 9 | 6 | | |
| | % of ICU capacity needed | 31% | 66% | 102% | 134% | 145% | 141% | 112% | 78% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 1 | 3 | 4 | 6 | 6 | 6 | 5 | 3 | | |
| | % usage of ventilator | 51% | 109% | 168% | 222% | 240% | 233% | 185% | 128% | | |
| Deaths | # of deaths from influenza | | | 3 | 6 | 8 | 11 | 11 | 8 | 6 | 3 |
| | # of influenza deaths in hospital | | | 2 | 4 | 6 | 7 | 7 | 6 | 4 | 2 |

| Influenza Pandemic Impact | | Weekly Admissions 8 wk/35%AR | | | | | | | | | |
|----------------------------|--|------------------------------|------|------|------|------|------|------|------|------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 |
| Questions | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 24 | 40 | 60 | 76 | 76 | 60 | 40 | 24 | | |
| | Peak admissions/day | | | | 12 | 12 | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 18 | 29 | 44 | 56 | 58 | 51 | 39 | 26 | | |
| | % of hospital capacity needed | 21% | 35% | 53% | 67% | 69% | 61% | 47% | 31% | | |
| ICU Capacity | # of influenza patients in ICU | 4 | 8 | 12 | 16 | 17 | 16 | 13 | 9 | | |
| | % of ICU capacity needed | 44% | 93% | 142% | 188% | 203% | 198% | 157% | 109% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 2 | 4 | 6 | 8 | 8 | 8 | 6 | 4 | | |
| | % usage of ventilator | 72% | 153% | 235% | 310% | 336% | 327% | 259% | 179% | | |
| Deaths | # of deaths from influenza | | | 5 | 8 | 12 | 15 | 15 | 12 | 8 | 5 |
| | # of influenza deaths in hospital | | | 3 | 5 | 8 | 10 | 10 | 8 | 5 | 3 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/15%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 15% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 2 | 7 | 12 | 17 | 22 | 26 | 26 | 22 | 17 | 12 | 7 | 2 | | |
| | Peak admissions/day | | | | | | 4 | 4 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 1 | 5 | 9 | 13 | 16 | 19 | 20 | 18 | 15 | 11 | 8 | 4 | | |
| | % of hospital capacity needed | 2% | 6% | 11% | 15% | 20% | 23% | 23% | 21% | 18% | 13% | 9% | 5% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 1 | 2 | 3 | 5 | 5 | 6 | 6 | 5 | 4 | 3 | 2 | | |
| | % of ICU capacity needed | 3% | 14% | 28% | 41% | 55% | 65% | 69% | 68% | 58% | 45% | 32% | 19% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | | |
| | % usage of ventilator | 5% | 23% | 45% | 68% | 90% | 108% | 114% | 111% | 95% | 75% | 53% | 31% | | |
| Deaths | # of deaths from influenza | | | 0 | 1 | 2 | 3 | 4 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |
| | # of influenza deaths in hospital | | | 0 | 1 | 2 | 2 | 3 | 4 | 4 | 3 | 2 | 2 | 1 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/25%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 25% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 3 | 11 | 20 | 29 | 37 | 43 | 43 | 37 | 29 | 20 | 11 | 3 | | |
| | Peak admissions/day | | | | | | 7 | 7 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 2 | 8 | 15 | 21 | 27 | 32 | 33 | 2 | 25 | 19 | 13 | 7 | | |
| | % of hospital capacity needed | 3% | 10% | 18% | 25% | 33% | 38% | 39% | 35% | 29% | 22% | 15% | 8% | | |
| ICU Capacity | # of influenza patients in ICU | 0 | 2 | 4 | 6 | 8 | 9 | 9 | 9 | 8 | 6 | 4 | 3 | | |
| | % of ICU capacity needed | 5% | 23% | 46% | 69% | 91% | 109% | 115% | 113% | 96% | 76% | 53% | 31% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 2 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 2 | 1 | | |
| | % usage of ventilator | 9% | 38% | 76% | 113% | 151% | 179% | 189% | 186% | 159% | 125% | 88% | 52% | | |
| Deaths | # of deaths from influenza | | | 1 | 2 | 4 | 6 | 7 | 8 | 8 | 7 | 6 | 4 | 2 | 1 |
| | # of influenza deaths in hospital | | | 0 | 2 | 3 | 4 | 5 | 6 | 6 | 5 | 4 | 3 | 2 | 0 |

| Influenza Pandemic Impact | | Weekly Admissions 12 wk/35%AR | | | | | | | | | | | | | |
|---------------------------|--|-------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 35% Attack Rate | | Wk 1 | Wk 2 | Wk 3 | Wk 4 | Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 |
| Questions | | | | | | | | | | | | | | | |
| Hospital Admission | Weekly Admissions | 4 | 16 | 28 | 40 | 52 | 60 | 60 | 52 | 40 | 28 | 16 | 4 | | |
| | Peak admissions/day | | | | | | 9 | 9 | | | | | | | |
| Hospital Capacity | # of influenza patients in hospital | 3 | 12 | 21 | 29 | 38 | 44 | 46 | 41 | 35 | 26 | 18 | 9 | | |
| | % of hospital capacity needed | 4% | 14% | 25% | 35% | 46% | 53% | 54% | 49% | 41% | 31% | 21% | 11% | | |
| ICU Capacity | # of influenza patients in ICU | 1 | 3 | 5 | 8 | 11 | 13 | 13 | 13 | 11 | 9 | 6 | 4 | | |
| | % of ICU capacity needed | 7% | 32% | 64% | 96% | 128% | 152% | 161% | 158% | 135% | 106% | 75% | 44% | | |
| Ventilator Capacity | # of influenza patients on ventilators | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 | 6 | 4 | 3 | 2 | | |
| | % usage of ventilator | 12% | 54% | 106% | 158% | 211% | 251% | 265% | 260% | 223% | 175% | 123% | 72% | | |
| Deaths | # of deaths from influenza | | | 1 | 3 | 5 | 8 | 10 | 12 | 12 | 10 | 8 | 5 | 3 | 1 |
| | # of influenza deaths in hospital | | | 1 | 2 | 4 | 5 | 7 | 8 | 8 | 7 | 5 | 4 | 2 | 1 |