

		<b>Adventist Medical Center</b>	<b>Ashland Community Hospital</b>	<b>Bay Area Hospital</b>	<b>Blue Mountain Hospital</b>
<b>DEM 32.a.</b>	<b>Number of Staffed/ Operating Beds</b>	<b>212</b>	<b>20</b>	<b>123</b>	<b>2</b>
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

<b>Good Shepherd Health Care System</b>	<b>Grande Ronde Hospital</b>	<b>Harney District Hospital</b>	<b>Lake District Hospital</b>	<b>Legacy Emanuel Hospital and Health Center</b>	<b>McKenzie-Willamette Hospital</b>	<b>Mercy Medical Center</b>	<b>Merle West Medical Center</b>
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

<b>Providence Portland Medical Center</b>	<b>Providence Seaside Hospital</b>	<b>Rogue Valley Medical Center</b>	<b>Salem Hospital Regional Health Services</b>	<b>Samaritan Albany General Hospital</b>
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	

<b>Samaritan Lebanon Community Hospital</b>	<b>Samaritan Pacific Communities Hospital</b>	<b>Santiam Memorial Hospital</b>	<b>Silverton Hospital</b>	<b>Southern Coos Hospital and Health Center</b>	<b>St. Charles Medical Center</b>	<b>Tillamook County General Hospital</b>
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

<b>Cottage Grove Community Hospital</b>	<b>Holy Rosary Medical Center</b>	<b>Kaiser Sunnyside Medical Center</b>	<b>Legacy Good Samaritan Hospital and Medical Center</b>	<b>Legacy Meridian Park Hospital</b>
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

<b>Legacy Mt. Hood Medical Center</b>	<b>Lower Umpqua Hospital</b>	<b>Mountain View Hospital District</b>	<b>Oregon Health and Science University</b>	<b>Peace Harbor Hospital</b>	<b>Providence Milwaukie Hospital</b>	<b>Providence Newberg Hospital</b>
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

<b>Providence St. Vincent Medical Center</b>	<b>Sacred Heart Medical Center</b>	<b>Samaritan North Lincoln Hospital</b>	<b>Shriners Hospital for Children</b>	<b>St. Anthony Hospital</b>	<b>St. Elizabeth Health Services</b>	<b>Three Rivers Community Hospital</b>
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				






		<b>Samaritan Pacific Communities Hospital</b>	<b>Samaritan North Lincoln Hospital</b>	<b>Samaritan Albany General Hospital</b>
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		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
<b>Questions</b>									
<b>Hospital Admission</b>	Weekly Admissions	167	235	290	290	235	167		
	Peak admissions/day			45	45				
<b>Hospital Capacity</b>	# of influenza patients in hospital	122	172	213	220	177	155		
	% of hospital capacity needed	14%	19%	24%	25%	20%	17%		
<b>ICU Capacity</b>	# of influenza patients in ICU	25	47	60	64	63	51		
	% of ICU capacity needed	34%	63%	81%	86%	85%	69%		
<b>Ventilator Capacity</b>	# 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>		
<b>Deaths</b>	# of deaths from influenza			33	48	58	58	48	33
	# of influenza deaths in hospital			24	33	40	40	33	24

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
<b>Questions</b>									
<b>Hospital Admission</b>	Weekly Admissions	277	393	485	485	393	277		
	Peak admissions/day			111	113				
<b>Hospital Capacity</b>	# of influenza patients in hospital	203	289	356	370	325	257		
	% of hospital capacity needed	23%	32%	40%	41%	36%	29%		
<b>ICU Capacity</b>	# of influenza patients in ICU	42	78	100	106	105	83		
	% of ICU capacity needed	57%	105%	135%	143%	141%	112%		
<b>Ventilator Capacity</b>	# 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>		
<b>Deaths</b>	# of deaths from influenza			55	78	98	98	78	55
	# of influenza deaths in hospital			38	55	68	68	55	38

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
<b>Questions</b>									
<b>Hospital Admission</b>	Weekly Admissions	387	548	679	679	548	417		
	Peak admissions/day			106	106				
<b>Hospital Capacity</b>	# of influenza patients in hospital	286	403	499	462	455	360		
	% of hospital capacity needed	32%	45%	56%	52%	51%	40%		
<b>ICU Capacity</b>	# of influenza patients in ICU	58	108	139	149	146	119		
	% of ICU capacity needed	78%	145%	187%	201%	197%	160%		
<b>Ventilator Capacity</b>	# 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>		
<b>Deaths</b>	# 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
<b>Regional Total</b>	<b>190,754</b>	<b>405,515</b>	<b>88,831</b>	<b>685,100</b>

**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
<b>15% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	19	27	33	33	27	19		
	Peak admissions/day			5	5				
<b>Hospital Capacity</b>	# of influenza patients in hospital	14	20	24	25	22	18		
	% of hospital capacity needed	10%	14%	17%	17%	15%	12%		
<b>ICU Capacity</b>	# of influenza patients in ICU	3	5	7	7	7	6		
	% of ICU capacity needed	18%	34%	43%	47%	45%	37%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	1	3	3	4	4	3		
	% usage of ventilator	38%	71%	91%	98%	95%	77%		
<b>Deaths</b>	# 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
<b>25% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	32	45	55	55	45	32		
	Peak admissions/day			9	9				
<b>Hospital Capacity</b>	# of influenza patients in hospital	23	33	41	42	37	29		
	% of hospital capacity needed	16%	23%	28%	29%	26%	20%		
<b>ICU Capacity</b>	# of influenza patients in ICU	5	9	11	12	12	10		
	% of ICU capacity needed	30%	56%	72%	78%	76%	61%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	2	4	6	6	6	5		
	% usage of ventilator	63%	118%	152%	163%	159%	129%		
<b>Deaths</b>	# 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
<b>35% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	44	63	78	78	63	44		
	Peak admissions/day			12	12				
<b>Hospital Capacity</b>	# of influenza patients in hospital	33	46	57	5	52	41		
	% of hospital capacity needed	23%	32%	39%	41%	36%	28%		
<b>ICU Capacity</b>	# of influenza patients in ICU	7	12	16	17	17	14		
	% of ICU capacity needed	42%	79%	101%	109%	106%	86%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	3	6	8	9	8	7		
	% usage of ventilator	89%	166%	212%	228%	222%	181%		
<b>Deaths</b>	# 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
<b>Benton</b>	22,264	51,132	8,355	81,751
<b>Lincoln</b>	10,422	24,906	9,072	44,400
<b>Linn</b>	30,324	60,465	15,561	106,350
<b>Marion</b>	81,829	180,564	36,057	298,450
<b>Polk</b>	18,739	36,713	9,497	64,949
<b>Yamhill</b>	27,176	51,735	10,289	89,200

<b>Assumptions:</b>	
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
<b>15% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	26	37	46	46	37	26		
	Peak admissions/day			7	7				
<b>Hospital Capacity</b>	# of influenza patients in hospital	19	27	34	35	31	25		
	% of hospital capacity needed	16%	22%	27%	28%	25%	20%		
<b>ICU Capacity</b>	# of influenza patients in ICU	4	7	9	10	10	8		
	% of ICU capacity needed	31%	58%	74%	80%	78%	63%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	2	4	5	5	5	4		
	% usage of ventilator	99%	185%	237%	254%	248%	201%		
<b>Deaths</b>	# 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
<b>25% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	44	62	77	77	62	44		
	Peak admissions/day			12	12				
<b>Hospital Capacity</b>	# of influenza patients in hospital	32	46	57	59	52	41		
	% of hospital capacity needed	26%	37%	45%	47%	41%	33%		
<b>ICU Capacity</b>	# of influenza patients in ICU	7	12	16	17	17	13		
	% of ICU capacity needed	52%	7%	124%	133%	130%	105%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	3	6	8	8	8	7		
	% usage of ventilator	165%	308%	394%	424%	413%	336%		
<b>Deaths</b>	# 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
<b>35% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	62	87	108	108	87	62		
	Peak admissions/day			17	17				
<b>Hospital Capacity</b>	# of influenza patients in hospital	45	64	79	82	72	57		
	% of hospital capacity needed	36%	51%	63%	66%	58%	46%		
<b>ICU Capacity</b>	# of influenza patients in ICU	9	17	22	24	23	19		
	% of ICU capacity needed	72%	135%	173%	186%	182%	147%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	5	9	11	12	12	9		
	% usage of ventilator	231%	432%	552%	594%	579%	470%		
<b>Deaths</b>	# 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											
<b>Hospital Admission</b>	Weekly Admissions	13	22	33	42	42	33	22	13		
	Peak admissions/day				7	7					
<b>Hospital Capacity</b>	# 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%		
<b>ICU Capacity</b>	# 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%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	1	2	3	4	5	4	4	2		
	% usage of ventilator	49%	105%	161%	213%	230%	224%	178%	123%		
<b>Deaths</b>	# 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											
<b>Hospital Admission</b>	Weekly Admissions	22	37	55	70	70	55	37	22		
	Peak admissions/day				11	11					
<b>Hospital Capacity</b>	# 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%		
<b>ICU Capacity</b>	# 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%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	2	3	5	7	8	7	6	4		
	% usage of ventilator	82%	175%	268%	354%	384%	373%	297%	205%		
<b>Deaths</b>	# 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											
<b>Hospital Admission</b>	Weekly Admissions	31	51	77	97	97	77	51	31		
	Peak admissions/day				15	15					
<b>Hospital Capacity</b>	# 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%		
<b>ICU Capacity</b>	# 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%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	2	5	8	10	11	10	8	6		
	% usage of ventilator	115%	245%	376%	496%	537%	522%	415%	287%		
<b>Deaths</b>	# 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
<b>15% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	72	101	125	125	101	72		
	Peak admissions/day			20	20				
<b>Hospital Capacity</b>	# of influenza patients in hospital	53	74	92	95	84	66		
	% of hospital capacity needed	11%	16%	20%	20%	18%	14%		
<b>ICU Capacity</b>	# of influenza patients in ICU	11	20	26	28	27	22		
	% of ICU capacity needed	43%	81%	104%	112%	109%	88%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	5	10	13	14	13	11		
	% usage of ventilator	58%	109%	139%	149%	145%	118%		
<b>Deaths</b>	# 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
<b>25% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	119	169	209	209	169	119		
	Peak admissions/day			33	33				
<b>Hospital Capacity</b>	# of influenza patients in hospital	88	124	153	159	140	111		
	% of hospital capacity needed	19%	27%	33%	34%	30%	24%		
<b>ICU Capacity</b>	# of influenza patients in ICU	18	33	43	46	45	36		
	% of ICU capacity needed	72%	135%	173%	186%	181%	147%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	9	17	21	23	22	18		
	% usage of ventilator	97%	181%	231%	249%	242%	197%		
<b>Deaths</b>	# 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
<b>35% Attack Rate</b>									
<b>Hospital Admission</b>	Weekly Admissions	167	236	292	292	236	167		
	Peak admissions/day			46	46				
<b>Hospital Capacity</b>	# of influenza patients in hospital	123	174	215	222	196	155		
	% of hospital capacity needed	26%	37%	46%	48%	42%	33%		
<b>ICU Capacity</b>	# of influenza patients in ICU	25	47	60	64	63	51		
	% of ICU capacity needed	101%	189%	242%	260%	254%	206%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	13	23	30	32	31	25		
	% usage of ventilator	135%	253%	324%	348%	339%	276%		
<b>Deaths</b>	# 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											
<b>Hospital Admission</b>	Weekly Admissions	36	60	89	113	113	89	60	36		
	Peak admissions/day				18	18					
<b>Hospital Capacity</b>	# 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%		
<b>ICU Capacity</b>	# 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%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	3	6	9	12	12	12	10	7		
	% usage of ventilator	29%	62%	94%	125%	135%	131%	104%	72%		
<b>Deaths</b>	# 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											
<b>Hospital Admission</b>	Weekly Admissions	60	99	149	189	189	149	99	60		
	Peak admissions/day				29	29					
<b>Hospital Capacity</b>	# 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%		
<b>ICU Capacity</b>	# 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%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	4	9	15	19	21	20	16	11		
	% usage of ventilator	48%	103%	157%	208%	225%	219%	174%	120%		
<b>Deaths</b>	# 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											
<b>Hospital Admission</b>	Weekly Admissions	83	139	20	264	264	209	139	83		
	Peak admissions/day				41	41					
<b>Hospital Capacity</b>	# 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%		
<b>ICU Capacity</b>	# 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%		
<b>Ventilator Capacity</b>	# of influenza patients on ventilators	6	13	20	27	29	28	23	16		
	% usage of ventilator	68%	144%	220%	291%	315%	306%	244%	168%		
<b>Deaths</b>	# 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

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 availab 0

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

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