

Reported Results of Viral Cultures to R/O Influenza by the Oregon State Public Health Laboratory During the First Twenty Weeks of the Influenza Year - Oregon, 1988-2003

VIRUS TYPE:

YEAR	TYPE		Total
	A	B	
1988-89	72	80	152
1989-90	128	1	129
1990-91	19	24	43
1991-92	150	0	150
1992-93	1	88	89
1993-94	180	0	180
1994-95	5	0	5
1995-96	80	0	80
1996-97	64	27	91
1997-98	69	0	69
1998-99	82	12	94
1999-00	29	0	29
2000-01	29	42	71
2001-02	33	0	33
2002-03	5	2	7
<b>Total</b>	<b>946</b>	<b>276</b>	<b>1222</b>

Note: Influenza season extends from October (MMWR Week #40) through September (MMWR Week #39). Cases by time of onset or specimen collection.

TYPE A SUBTYPES:

YEAR	SUBTYPE			Total
	A/NT	H1N1	H3N2	
1988-89	0	69	3	72
1989-90	7	0	121	128
1990-91	0	19	0	19
1991-92	6	20	124	150
1992-93	0	0	1	1
1993-94	127	0	53	180
1994-95	5	0	0	5
1995-96	13	29	38	80
1996-97	2	0	62	64
1997-98	69	0	0	69
1998-99	37	3	42	82
1999-00	21	1	7	29
2000-01	29	0	0	29
2001-02	29	0	4	33
2002-03	5	0	0	5
<b>Total</b>	<b>350</b>	<b>141</b>	<b>455</b>	<b>946</b>

Note: A/NT - type A, not subtyped

POSITIVE SPECIMENS BY WEEK:

WEEK	YEAR																Total
	1988-1989	1989-1990	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995	1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003		
2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
4	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2	
5	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	4	
6	0	0	0	0	1	5	0	3	0	0	0	2	0	0	0	11	
7	0	0	0	0	3	7	0	6	0	0	0	2	1	0	1	20	
8	1	0	0	5	4	31	0	12	3	0	0	0	2	0	0	58	
9	6	0	0	2	6	44	1	14	6	0	0	0	1	2	0	82	
10	3	0	0	13	9	26	0	12	8	0	1	3	2	1	0	78	
11	1	1	0	11	14	27	0	10	9	0	0	1	5	1	0	80	
12	1	0	0	24	15	21	0	8	6	0	2	1	8	2	0	88	
13	3	6	0	23	5	10	0	0	18	2	3	0	1	1	0	72	
14	10	10	2	22	4	8	1	1	6	5	3	6	3	1	0	82	
15	15	19	2	10	6	1	0	4	6	8	11	5	8	4	0	99	
16	19	24	3	13	5	0	0	1	6	14	15	1	8	2	0	111	
17	16	23	9	19	7	0	1	4	5	10	26	1	7	6	2	136	
18	15	20	10	7	6	0	2	3	11	10	7	2	10	4	0	107	
19	36	21	11	0	3	0	0	1	2	10	10	1	8	4	3	110	
20	26	5	6	0	0	0	0	0	5	10	16	0	7	5	1	81	
<b>Total</b>	<b>152</b>	<b>129</b>	<b>43</b>	<b>150</b>	<b>89</b>	<b>180</b>	<b>5</b>	<b>80</b>	<b>91</b>	<b>69</b>	<b>94</b>	<b>29</b>	<b>71</b>	<b>33</b>	<b>7</b>	<b>1222</b>	

TYPE A CASES BY WEEK:

WEEK	YEAR															Total
	1988-1989	1989-1990	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995	1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	
2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
5	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	4
6	0	0	0	0	0	5	0	3	0	0	0	2	0	0	0	10
7	0	0	0	0	0	7	0	6	0	0	0	2	0	0	1	16
8	0	0	0	5	0	31	0	12	3	0	0	0	0	0	0	51
9	0	0	0	2	0	44	1	14	6	0	0	0	0	2	0	69
10	0	0	0	13	0	26	0	12	8	0	1	3	0	1	0	64
11	1	1	0	11	0	27	0	10	9	0	0	1	1	1	0	62
12	0	0	0	24	0	21	0	8	6	0	2	1	5	2	0	69
13	0	6	0	23	0	10	0	0	18	2	2	0	0	1	0	62
14	5	9	2	22	0	8	1	1	4	5	2	6	1	1	0	67
15	8	19	1	10	0	1	0	4	2	8	8	5	6	4	0	76
16	11	24	1	13	0	0	0	1	4	14	15	1	2	2	0	88
17	11	23	3	19	0	0	1	4	3	10	23	1	1	6	1	106
18	7	20	6	7	1	0	2	3	1	10	6	2	7	4	0	76
19	21	21	5	0	0	0	0	1	0	10	9	1	4	4	2	78
20	8	5	1	0	0	0	0	0	0	10	14	0	2	5	1	46
Total	72	128	19	150	1	180	5	80	64	69	82	29	29	33	5	946

TYPE B CASES BY WEEK:

WEEK	YEAR															Total
	1988-1989	1989-1990	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995	1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	4
8	1	0	0	0	4	0	0	0	0	0	0	0	2	0	0	7
9	6	0	0	0	6	0	0	0	0	0	0	0	1	0	0	13
10	3	0	0	0	9	0	0	0	0	0	0	0	2	0	0	14
11	0	0	0	0	14	0	0	0	0	0	0	0	4	0	0	18
12	1	0	0	0	15	0	0	0	0	0	0	0	3	0	0	19
13	3	0	0	0	5	0	0	0	0	0	1	0	1	0	0	10
14	5	1	0	0	4	0	0	0	2	0	1	0	2	0	0	15
15	7	0	1	0	6	0	0	0	4	0	3	0	2	0	0	23
16	8	0	2	0	5	0	0	0	2	0	0	0	6	0	0	23
17	5	0	6	0	7	0	0	0	2	0	3	0	6	0	1	30
18	8	0	4	0	5	0	0	0	10	0	1	0	3	0	0	31
19	15	0	6	0	3	0	0	0	2	0	1	0	4	0	1	32
20	18	0	5	0	0	0	0	0	5	0	2	0	5	0	0	35
Total	80	1	24	0	88	0	0	0	27	0	12	0	42	0	2	276

TYPE A CASES BY COUNTY:

COUNTY	FIRST TWENTY WEEKS															Total
	1988- 1989	1989- 1990	1990- 1991	1991- 1992	1992- 1993	1993- 1994	1994- 1995	1995- 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000- 2001	2001- 2002	2002- 2003	
BAKER	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
BENTON	21	20	1	13	0	23	0	9	7	4	6	1	4	6	1	116
CLACKAMAS	3	9	1	14	0	16	0	2	5	4	1	3	2	0	0	60
CLATSOP	0	4	0	3	0	0	0	0	0	0	0	0	0	0	0	7
COLUMBIA	0	2	0	2	0	0	0	0	0	2	0	0	0	1	0	7
COOS	0	3	0	0	0	0	0	1	0	0	1	0	2	0	0	7
CROOK	0	0	0	1	0	0	0	3	4	2	0	0	1	0	0	11
DESCHUTES	2	2	0	6	0	12	0	4	4	8	4	1	0	2	0	45
DOUGLAS	0	0	1	1	0	7	1	0	0	0	1	1	0	0	0	12
GILLIAM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
GRANT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
HARNEY	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
HOOD RIVER	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	3
JACKSON	0	8	0	6	0	3	0	5	1	2	2	6	4	5	0	42
JEFFERSON	0	0	0	0	0	3	0	0	0	1	0	1	0	1	0	6
JOSEPHINE	0	3	0	1	0	0	0	3	1	1	1	0	0	1	0	11
KLAMATH	1	6	6	7	0	3	0	4	6	0	0	1	0	0	0	34
LANE	15	12	0	12	1	27	1	13	7	5	3	3	5	10	1	115
LINCOLN	1	3	0	7	0	1	0	2	0	1	1	1	0	0	0	17
LINN	2	3	0	8	0	10	0	5	2	2	5	2	1	0	0	40
MALHEUR	0	3	3	0	0	0	0	0	0	1	0	0	0	0	0	7
MARION	5	5	0	13	0	3	0	4	9	7	2	1	5	4	0	58
MORROW	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	3
MULTNOMAH	15	18	3	32	0	34	0	16	11	17	19	5	2	1	2	175
POLK	0	0	0	0	0	2	1	1	0	0	0	0	0	1	0	5
TILLAMOOK	0	2	0	1	0	0	0	1	0	0	4	1	0	0	0	9
UMATILLA	1	4	1	0	0	3	0	1	1	0	0	0	0	0	0	11
UNION	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
WALLOWA	0	0	0	1	0	3	0	0	0	1	0	0	0	0	0	5
WASCO	0	3	0	2	0	1	0	0	0	0	0	0	0	0	0	6
WASHINGTON	6	14	2	15	0	20	1	3	4	8	2	0	0	0	0	75
WHEELER	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
YAMHILL	0	1	0	3	0	4	1	2	1	2	1	0	0	0	1	16
UNKNOWN	0	0	0	0	0	2	0	1	0	1	29	0	0	1	0	34
Total	72	128	19	150	1	180	5	80	64	69	82	29	29	33	5	946

TYPE B CASES BY COUNTY:

FIRST TWENTY WEEKS

COUNTY	1988- 1989	1989- 1990	1990- 1991	1991- 1992	1992- 1993	1993- 1994	1994- 1995	1995- 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000- 2001	2001- 2002	2002- 2003	Total
BAKER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENTON	15	0	3	0	11	0	0	0	1	0	0	0	5	0	1	36
CLACKAMAS	10	0	1	0	6	0	0	0	2	0	2	0	3	0	0	24
CLATSOP	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
COLUMBIA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
COOS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
CROOK	0	0	1	0	1	0	0	0	2	0	0	0	2	0	0	6
DESCHUTES	0	0	2	0	3	0	0	0	0	0	1	0	1	0	0	7
DOUGLAS	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	3
GILLIAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARNEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOOD RIVER	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
JACKSON	3	0	1	0	10	0	0	0	0	0	0	0	1	0	0	15
JEFFERSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JOSEPHINE	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	3
KLAMATH	4	0	3	0	3	0	0	0	0	0	0	0	1	0	0	11
LANE	5	0	3	0	14	0	0	0	4	0	0	0	9	0	1	36
LINCOLN	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	6
LINN	2	0	0	0	3	0	0	0	1	0	0	0	1	0	0	7
MALHEUR	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
MARION	5	0	0	0	5	0	0	0	3	0	0	0	2	0	0	15
MORROW	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
MULTNOMAH	23	0	6	0	16	0	0	0	7	0	7	0	4	0	0	63
POLK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TILLAMOOK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMATILLA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNION	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
WALLOWA	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
WASCO	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3
WASHINGTON	7	1	0	0	3	0	0	0	4	0	1	0	1	0	0	17
WHEELER	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
YAMHILL	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	5
UNKNOWN	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3
Total	80	1	24	0	88	0	0	0	27	0	12	0	42	0	2	276

Reports of Laboratory Culture Results to Detect Influenza Virus From All Sources During the First Twenty Weeks of the Influenza Season - Oregon, 1999-2003

REPORTS BY WEEK OF REPORT AND FLU YEAR:

WEEK	1999-00				2000-01				2001-02				2002-03			
	A	B	N	Total	A	B	N	Total	A	B	N	Total	A	B	N	Total
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	8	8	0	0	1	1	0	0	2	2	0	0	0	0
4	1	0	4	5	0	0	1	1	0	0	7	7	0	0	2	2
5	1	0	4	5	0	0	8	8	0	0	9	9	0	0	0	0
6	0	0	23	23	0	0	2	2	0	0	16	16	0	0	0	0
7	4	0	28	32	0	0	3	3	0	0	0	0	0	0	1	1
8	2	0	15	17	0	1	1	2	0	0	6	6	0	0	4	4
9	0	0	37	37	0	2	12	14	0	0	31	31	1	0	32	33
10	1	0	30	31	0	1	8	9	2	0	24	26	0	0	12	12
11	4	0	32	36	0	2	13	15	3	0	21	24	0	0	10	10
12	0	0	1	1	1	6	13	20	0	0	18	18	0	0	13	13
13	8	0	84	92	2	4	10	16	1	0	33	34	0	0	26	26
14	11	0	7	18	2	9	20	31	3	0	17	20	1	0	7	8
15	15	0	75	90	9	3	18	30	5	0	14	19	1	1	31	33
16	21	0	17	38	5	15	25	45	9	0	22	31	0	0	3	3
17	18	0	38	56	8	7	8	23	2	0	28	30	1	1	39	41
18	8	0	59	67	9	6	16	31	5	0	47	52	3	0	12	15
19	5	1	26	32	7	13	24	44	10	0	73	83	1	1	40	42
20	6	0	8	14	3	9	40	52	10	0	61	71	8	2	59	69
<b>Total</b>	<b>106</b>	<b>1</b>	<b>496</b>	<b>603</b>	<b>46</b>	<b>78</b>	<b>223</b>	<b>347</b>	<b>50</b>	<b>0</b>	<b>429</b>	<b>479</b>	<b>16</b>	<b>5</b>	<b>291</b>	<b>312</b>

Note: N - Negative for influenza virus

REPORTS BY LABORATORY:

LAB	1999-00				2000-01				2001-02				2002-03			
	A	B	N	Total	A	B	N	Total	A	B	N	Total	A	B	N	Total
KP	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0
LHS	41	1	5	47	8	17	4	29	2	0	5	7	4	1	0	5
OSPH	28	0	491	519	24	37	213	274	23	0	215	238	5	2	113	120
PPMC ID	37	0	0	37	13	23	0	36	25	0	207	232	7	2	178	187
<b>Total</b>	<b>106</b>	<b>1</b>	<b>496</b>	<b>603</b>	<b>46</b>	<b>78</b>	<b>217</b>	<b>341</b>	<b>50</b>	<b>0</b>	<b>427</b>	<b>477</b>	<b>16</b>	<b>5</b>	<b>291</b>	<b>312</b>

Note:

LHS - Legacy Health System

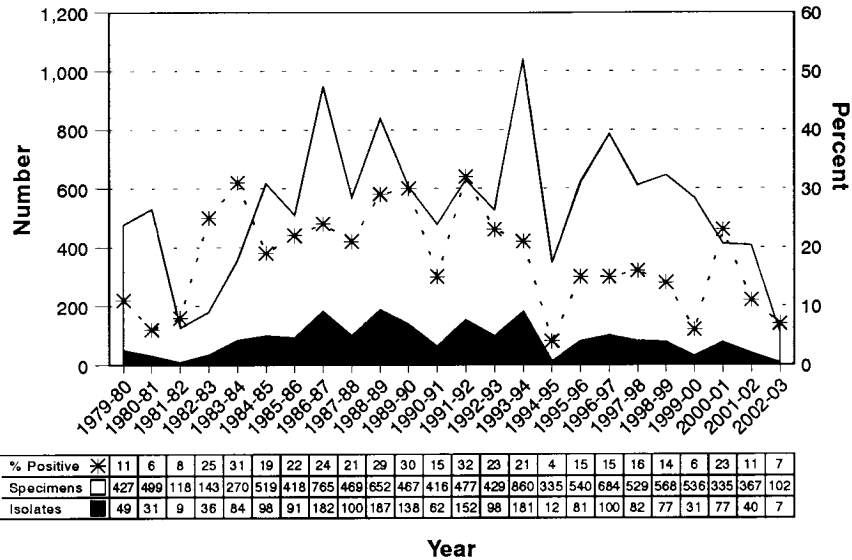
OSPH - Oregon State Public Health

PPMC ID - Providence Portland MC Infectious Disease

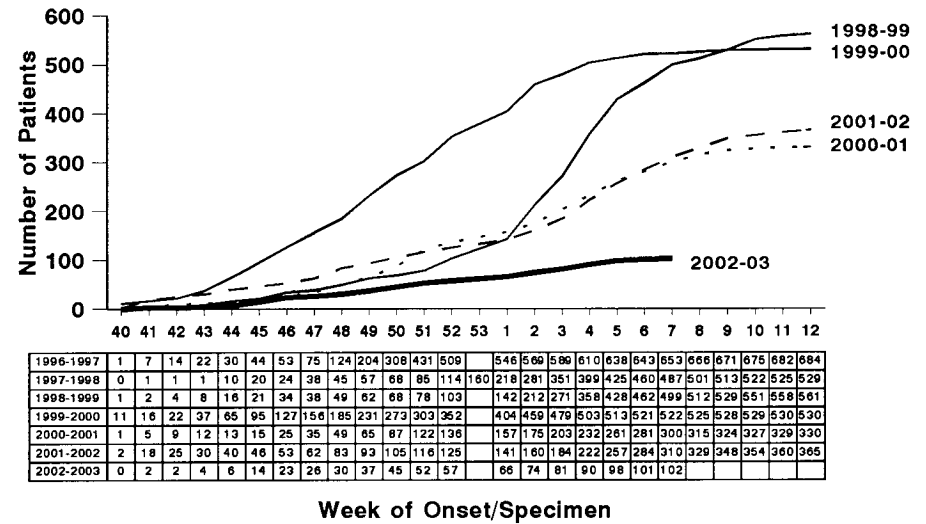
REPORTS BY AGE IN YEARS:

AGE (YRS)	1999-00				2000-01				2001-02				2002-03			
	A	B	N	Total	A	B	N	Total	A	B	N	Total	A	B	N	Total
0	15	0	7	22	3	5	2	10	1	0	25	26	1	0	37	38
1	8	0	3	11	1	3	1	5	1	0	8	9	0	0	11	11
2	4	0	2	6	0	1	0	1	0	0	4	4	0	0	6	6
3	2	0	0	2	2	1	0	3	0	0	0	0	1	0	3	4
4	1	0	3	4	0	0	1	1	1	0	0	1	0	0	0	0
Subtotal	30	0	15	45	6	10	4	20	3	0	37	40	2	0	57	59
00-04	30	0	15	45	6	10	4	20	3	0	37	40	2	0	57	59
05-09	4	0	5	9	6	2	11	19	2	0	7	9	0	2	6	8
10-14	2	0	18	20	2	8	9	19	2	0	12	14	0	1	8	9
15-19	2	1	32	35	5	11	22	38	5	0	29	34	4	2	8	14
20-29	6	0	89	95	9	21	40	70	10	0	84	94	6	0	28	34
30-39	8	0	76	84	6	13	41	60	4	0	47	51	1	0	26	27
40-49	11	0	79	90	8	6	35	49	8	0	61	69	0	0	25	25
50-59	9	0	60	69	1	4	25	30	8	0	47	55	2	0	41	43
60-69	12	0	30	42	1	0	9	10	4	0	36	40	1	0	22	23
70-79	13	0	39	52	0	1	9	10	2	0	34	36	0	0	25	25
>79	7	0	34	41	1	2	2	5	2	0	17	19	0	0	25	25
UNK	2	0	19	21	1	0	10	11	0	0	16	16	0	0	20	20
Total	106	1	496	603	46	78	217	341	50	0	427	477	16	5	291	312

### Number of Specimens Tested by the OSPHL and Percent Positive for Influenza Virus by Season - Oregon, 1979-2003

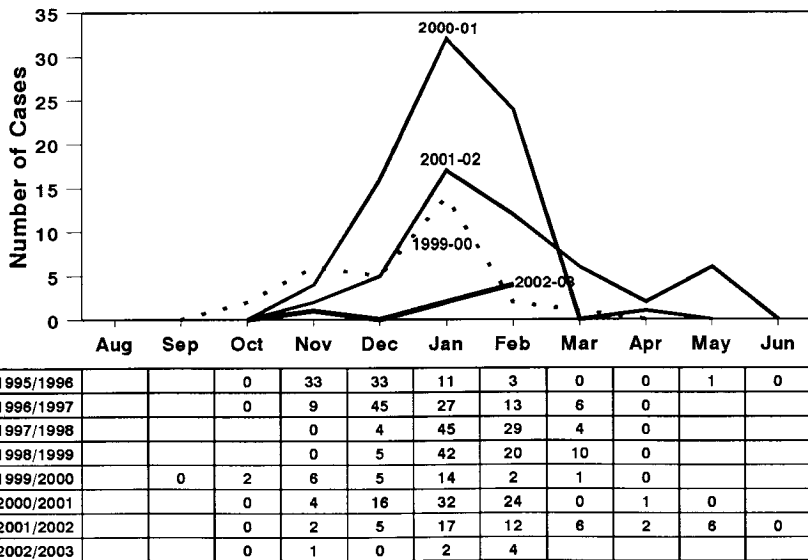


### Number of Patient Specimens Examined for Influenza Virus by Week of Onset or Specimen Collection Oregon, 1996-2003



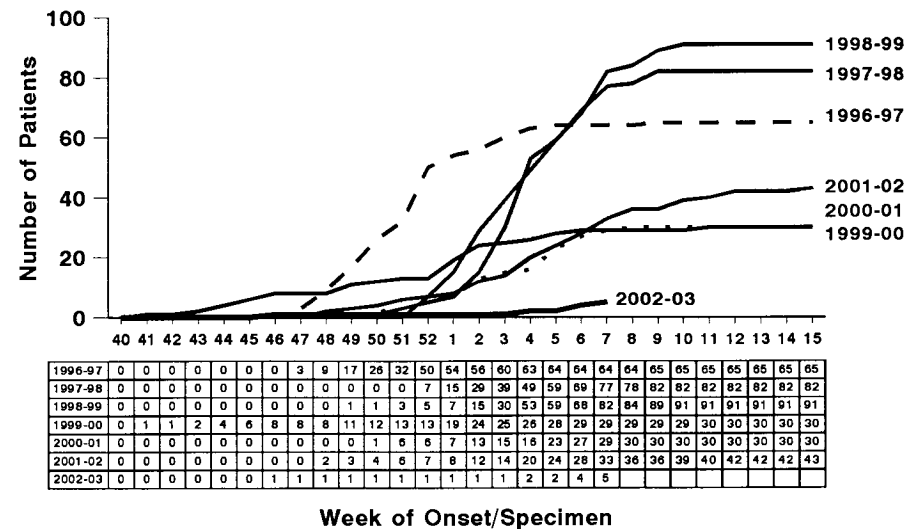
Note: Specimens submitted to the OS3H Laboratory to "R/O Influenza"

### Number of Laboratory-Confirmed Cases of Influenza by Month and Year of Onset - Oregon, 1995-2003



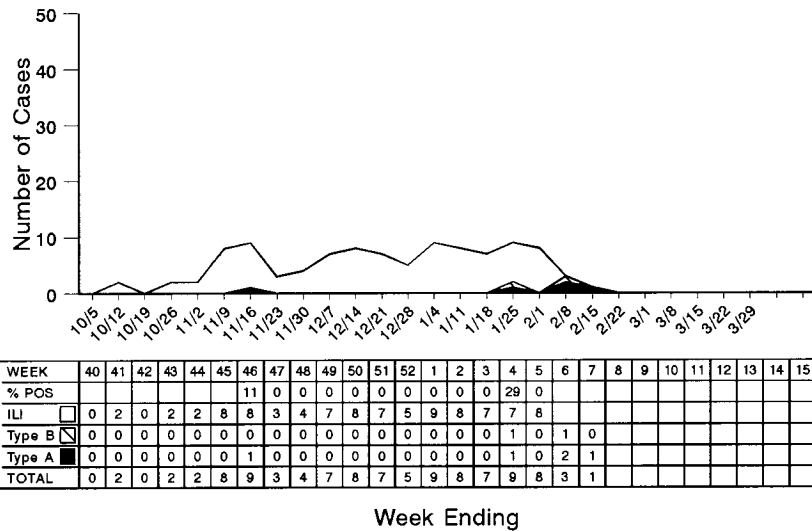
Note: Based upon specimens submitted to the Oregon State Public Health Laboratory.

### Cumulative Number of Specimens Positive for Influenza Type A Virus by Week of Onset or Specimen Collection Oregon, 1996-2003



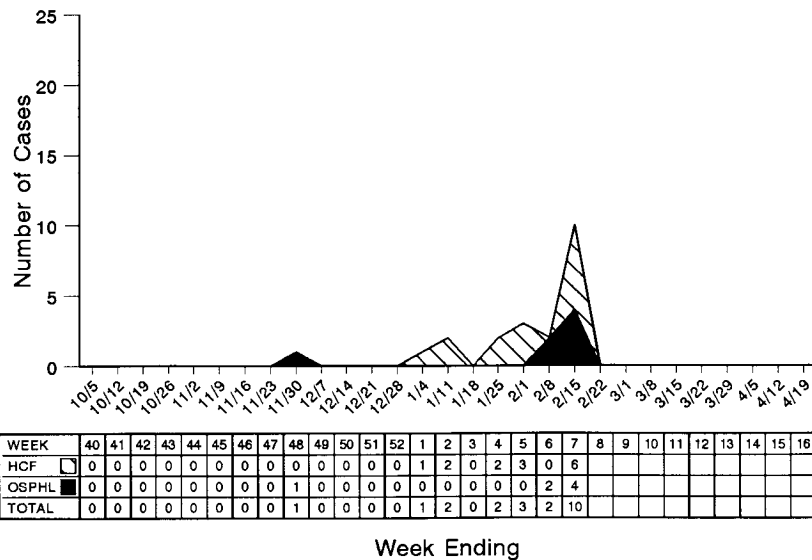
Note: Specimens submitted to the OSPH Lab to "R/O Influenza"

### Laboratory-Confirmed Cases of Influenza and Cases of Influenza-Like Illness by Week of Onset Oregon, 2002-2003



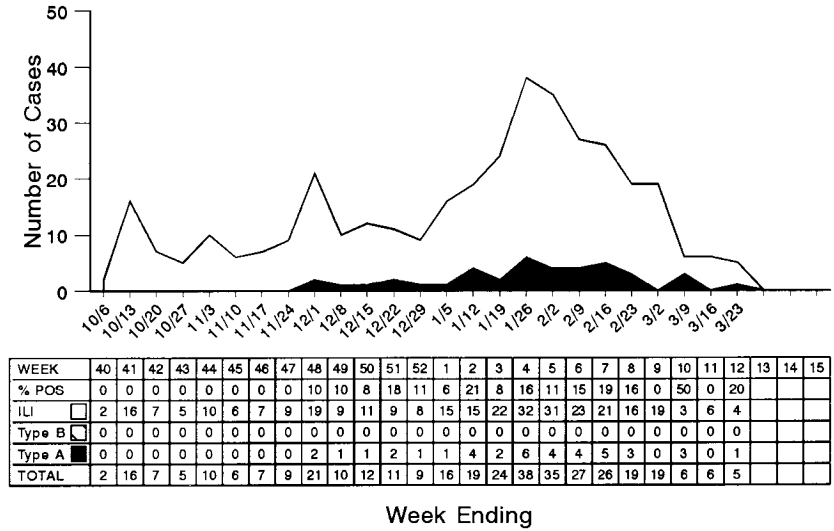
Source: OSPHL reports of cultures to R/O influenza.

### Cases of Influenza by Week of Report and Source Oregon, 2002-2003



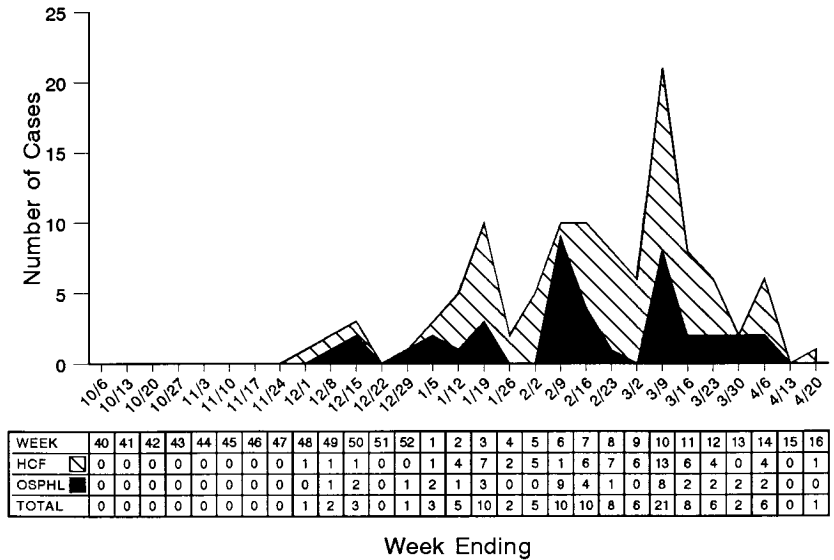
Note: HCF includes PPMC ID Lab, Kaiser Regional Lab and Legacy PtId Hospitals.

### Laboratory-Confirmed Cases of Influenza and Cases of Influenza-Like Illness by Week of Onset Oregon, 2001-2002



Source: OSPHL reports of cultures to R/O influenza.

### Cases of Influenza by Week of Report and Source Oregon, 2001-2002



Note: HCF includes PPMC ID Lab, Kaiser Regional Lab and Legacy PtId Hospitals.