

Healthy Aging in Oregon Counties

# **HOSPITALIZATION COSTS**

Data by County

2009

## Arthritis Hospitalization Costs

Table 44: Arthritis hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2007

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	322,359,994	78,405,179	155,197,968	88,756,846
Baker	1,813,761	272,238	814,871	726,652
Benton	4,943,924	1,065,157	2,346,141	1,532,625
Clackamas	26,964,672	6,968,788	12,766,617	7,229,267
Clatsop	3,322,687	851,116	1,470,806	1,000,765
Columbia	4,411,244	1,489,544	2,104,622	817,078
Coos	12,125,626	3,356,268	5,794,713	2,974,645
Crook	4,951,487	980,883	2,517,381	1,453,223
Curry	4,170,380	699,453	1,873,927	1,597,000
Deschutes	23,157,807	5,873,716	12,260,764	5,023,327
Douglas	12,027,594	2,054,472	6,494,115	3,479,007
Gilliam	401,397	39,494	226,449	135,453
Grant	1,468,422	214,610	702,628	551,184
Harney	1,239,397	253,248	692,817	293,332
Hood River	1,732,224	514,486	899,013	318,725
Jackson	24,481,622	4,963,017	11,054,028	8,464,577
Jefferson	3,479,634	884,372	1,988,693	606,568
Josephine	11,515,796	2,548,288	5,535,772	3,431,736
Klamath	8,428,438	2,287,490	4,160,159	1,980,788
Lake	1,549,242	256,948	793,245	499,049
Lane	27,419,305	6,702,990	13,104,729	7,611,586
Lincoln	4,955,738	717,333	2,785,110	1,453,294
Linn	13,247,915	3,517,594	6,192,137	3,538,185
Malheur	1,770,468	221,427	934,582	614,459
Marion	22,736,663	5,139,098	11,000,447	6,597,119
Morrow	1,356,492	208,498	782,966	365,029
Multnomah	37,955,621	10,659,680	16,323,230	10,972,712
Polk	5,852,885	1,500,199	2,467,624	1,885,062
Sherman	211,453	*	98,198	113,255
Tillamook	3,090,707	656,997	1,785,176	648,534
Umatilla	5,449,010	1,386,901	2,734,542	1,327,568
Union	2,066,104	537,804	1,069,466	458,835
Wallowa	502,921	82,558	273,536	146,826
Wasco	2,965,276	966,879	1,490,283	508,114
Washington	31,370,749	8,241,183	15,007,348	8,122,219
Wheeler	390,917	79,083	234,759	77,075
Yamhill	8,832,417	2,213,370	4,417,075	2,201,972

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.

## Asthma Hospitalization Costs

Table 45: Asthma hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2007

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	19,192,452	6,887,836	5,985,158	6,319,458
Baker	85,316	42,860	28,562	13,894
Benton	125,289	77,794	*	47,495
Clackamas	1,233,185	317,670	531,570	383,944
Clatsop	215,154	79,363	63,137	72,654
Columbia	313,571	85,984	158,390	69,197
Coos	525,745	178,675	198,673	148,397
Crook	112,828	45,040	46,096	21,692
Curry	153,935	41,587	79,673	32,675
Deschutes	514,505	105,349	282,275	126,881
Douglas	931,255	422,297	295,047	213,911
Gilliam	8,968	*	*	8,968
Grant	16,660	*	3,658	13,002
Harney	3,243	*	*	3,243
Hood River	29,027	29,027	*	*
Jackson	2,776,260	739,753	443,431	1,593,076
Jefferson	124,708	23,523	*	101,185
Josephine	736,831	402,882	174,141	159,808
Klamath	530,558	119,433	241,541	169,583
Lake	*	*	*	*
Lane	1,025,778	457,001	218,969	349,808
Lincoln	340,164	142,809	123,779	73,576
Linn	445,865	196,457	162,259	87,149
Malheur	50,601	*	11,476	39,124
Marion	1,491,762	443,289	690,687	357,786
Morrow	21,063	*	*	21,063
Multnomah	4,784,119	2,118,162	1,395,752	1,270,205
Polk	405,841	136,808	56,248	212,785
Sherman	*	*	*	*
Tillamook	53,715	*	47,153	6,562
Umatilla	115,527	25,625	31,545	58,356
Union	144,921	48,727	27,581	68,614
Wallowa	37,059	*	*	37,059
Wasco	274,202	48,491	140,361	85,350
Washington	1,179,194	487,040	392,844	299,310
Wheeler	5,601	*	*	5,601
Yamhill	380,002	72,188	140,308	167,506

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.

## Cancer Hospitalization Costs

Table 46: Cancer hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2007

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	356,408,680	108,289,611	157,071,920	91,047,149
Baker	386,100	48,816	217,205	120,080
Benton	6,251,000	1,877,726	2,459,357	1,913,917
Clackamas	30,895,622	9,819,656	13,337,387	7,738,578
Clatsop	4,646,945	1,175,957	1,888,007	1,582,981
Columbia	5,843,331	1,254,437	2,876,720	1,712,174
Coos	10,239,620	2,569,215	4,845,354	2,825,051
Crook	1,177,304	343,318	572,305	261,681
Curry	3,404,865	654,091	1,481,061	1,269,714
Deschutes	11,080,259	3,608,491	5,067,965	2,403,802
Douglas	14,696,257	3,892,587	7,310,787	3,492,884
Gilliam	383,454	256,878	75,335	51,241
Grant	490,459	103,183	225,433	161,843
Harney	792,945	158,123	506,615	128,208
Hood River	2,135,362	240,189	967,157	928,017
Jackson	26,612,276	6,065,809	12,924,143	7,622,323
Jefferson	1,226,421	277,497	524,688	424,236
Josephine	9,848,174	2,787,334	4,810,359	2,250,480
Klamath	7,691,991	1,893,128	3,323,864	2,475,000
Lake	705,640	470,618	104,152	130,870
Lane	33,969,942	9,613,318	15,533,499	8,823,125
Lincoln	5,977,291	1,761,914	2,729,560	1,485,818
Linn	17,733,080	6,233,829	6,710,634	4,788,617
Malheur	542,671	49,218	295,880	197,573
Marion	28,148,002	8,282,254	13,992,422	5,873,327
Morrow	941,599	344,283	545,068	52,248
Multnomah	59,838,711	21,167,668	24,933,646	13,737,398
Polk	5,892,958	1,641,793	2,748,443	1,502,722
Sherman	107,354	20,058	29,638	57,658
Tillamook	3,712,033	962,671	1,644,570	1,104,791
Umatilla	3,491,244	690,179	1,707,247	1,093,819
Union	1,218,054	292,495	632,640	292,919
Wallowa	677,139	228,290	415,013	33,837
Wasco	3,640,718	1,248,678	1,561,172	830,869
Washington	41,109,843	15,421,532	14,945,715	10,742,595
Wheeler	*	*	*	*
Yamhill	10,900,017	2,834,382	5,128,881	2,936,754

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.

## Diabetes Hospitalization Costs

Table 47: Diabetes hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2007

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	41,791,446	20,076,695	14,798,210	6,916,541
Baker	60,185	15,856	15,382	28,947
Benton	439,174	245,519	96,202	97,453
Clackamas	2,763,705	1,043,879	1,325,646	394,180
Clatsop	547,607	320,494	191,321	35,791
Columbia	432,448	120,435	232,792	79,221
Coos	1,340,050	583,055	485,255	271,739
Crook	296,218	128,532	136,222	31,464
Curry	207,190	71,931	66,158	69,101
Deschutes	831,419	354,305	228,116	248,999
Douglas	2,003,337	696,659	831,496	475,181
Gilliam	60,160	19,182	40,978	*
Grant	49,247	34,396	14,852	*
Harney	81,980	50,791	22,697	8,492
Hood River	75,734	16,931	48,354	10,450
Jackson	2,981,106	1,470,666	891,941	618,500
Jefferson	285,122	165,783	91,728	27,610
Josephine	1,797,798	750,586	891,413	155,798
Klamath	1,547,059	821,863	650,537	74,658
Lake	68,510	1,963	59,718	6,829
Lane	3,015,586	1,400,517	1,002,076	612,993
Lincoln	562,893	152,893	307,615	102,385
Linn	1,443,001	956,195	288,768	198,038
Malheur	177,577	44,238	33,114	100,225
Marion	2,827,793	1,583,280	957,299	287,215
Morrow	41,958	10,957	3,893	27,107
Multnomah	9,768,577	5,544,794	2,760,017	1,463,766
Polk	513,586	233,272	219,595	60,719
Sherman	67,443	67,443	*	*
Tillamook	229,000	96,119	121,285	11,596
Umatilla	536,232	342,964	83,327	109,941
Union	154,302	51,814	29,324	73,164
Wallowa	26,361	14,561	3,936	7,864
Wasco	541,099	314,351	123,606	103,143
Washington	4,601,901	1,923,161	1,815,702	863,038
Wheeler	22,861	*	*	22,861
Yamhill	1,393,228	427,312	727,843	238,074

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.

## Fall Hospitalization Costs

Table 48: Fall hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2006

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	159,745,002	28,109,308	32,279,026	99,356,668
Baker	337,538	24,288	91,613	221,637
Benton	2,267,377	448,202	284,084	1,535,091
Clackamas	13,891,272	2,499,962	3,000,752	8,390,558
Clatsop	2,731,976	293,899	925,831	1,512,246
Columbia	2,189,179	637,149	641,217	910,813
Coos	5,472,078	870,027	1,545,362	3,056,689
Crook	556,720	77,105	125,741	353,874
Curry	1,655,565	396,522	345,848	913,195
Deschutes	6,801,653	1,186,615	1,401,622	4,213,416
Douglas	5,321,071	928,843	886,629	3,505,599
Gilliam	94,515	*	*	94,515
Grant	107,010	30,797	14,975	61,238
Harney	326,663	10,729	79,715	236,219
Hood River	1,140,364	88,252	211,878	840,234
Jackson	13,043,838	1,600,075	2,302,041	9,141,722
Jefferson	722,561	89,490	86,423	546,648
Josephine	5,551,529	952,304	938,770	3,660,455
Klamath	4,756,227	787,903	1,174,818	2,793,506
Lake	289,640	92,925	125,972	70,743
Lane	14,367,524	2,015,888	2,872,326	9,479,310
Lincoln	2,423,555	596,831	891,339	935,385
Linn	3,105,356	489,872	773,119	1,842,365
Malheur	781,062	78,792	111,862	590,408
Marion	10,564,972	1,863,358	2,172,421	6,529,193
Morrow	84,880	12,907	44,444	27,529
Multnomah	32,470,367	6,870,328	5,667,319	19,932,720
Polk	1,984,098	216,232	275,307	1,492,559
Sherman	133,630	35,037	*	98,593
Tillamook	1,629,045	232,074	354,317	1,042,654
Umatilla	1,977,821	168,300	753,027	1,056,494
Union	997,704	75,504	101,702	820,498
Wallowa	38,965	*	*	38,965
Wasco	1,681,234	495,130	196,691	989,413
Washington	14,736,233	2,681,183	3,038,909	9,016,141
Wheeler	7,560	*	*	7,560
Yamhill	5,504,220	1,262,785	842,952	3,398,483

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.

## Heart Disease Hospitalization Costs

Table 49: Heart disease hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2007

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	913,595,486	200,165,101	362,002,749	351,427,636
Baker	927,730	107,042	337,349	483,339
Benton	11,936,658	3,184,774	3,643,279	5,108,605
Clackamas	71,592,477	16,344,182	26,509,755	28,738,541
Clatsop	10,187,884	2,592,786	4,576,501	3,018,598
Columbia	17,698,549	3,709,185	8,233,835	5,755,528
Coos	25,825,371	5,695,299	11,880,427	8,249,646
Crook	6,410,332	1,533,736	2,944,553	1,932,043
Curry	8,228,821	1,425,358	3,916,294	2,887,168
Deschutes	35,580,067	8,707,411	14,829,531	12,043,125
Douglas	49,697,650	9,890,849	19,996,837	19,809,964
Gilliam	679,555	197,523	336,606	145,426
Grant	2,297,314	154,412	1,619,410	523,493
Harney	2,364,216	372,176	1,213,599	778,440
Hood River	4,083,248	1,040,313	1,690,715	1,352,220
Jackson	63,221,685	10,581,849	25,306,059	27,333,776
Jefferson	6,249,450	1,309,540	2,867,468	2,072,442
Josephine	32,701,088	3,857,581	14,342,883	14,500,625
Klamath	30,449,146	5,272,287	13,114,890	12,061,968
Lake	3,458,467	539,297	1,850,312	1,068,858
Lane	82,011,756	17,575,804	33,927,327	30,508,625
Lincoln	12,827,477	3,068,198	5,210,262	4,549,017
Linn	33,624,671	6,429,037	14,747,049	12,448,585
Malheur	1,398,629	303,700	427,140	667,788
Marion	91,930,736	19,751,398	37,394,575	34,784,763
Morrow	1,179,162	129,489	754,355	295,318
Multnomah	134,739,062	38,154,351	46,006,765	50,577,947
Polk	20,833,039	4,133,306	8,516,019	8,183,714
Sherman	764,304	229,278	242,627	292,399
Tillamook	9,588,236	1,334,190	3,899,155	4,354,890
Umatilla	3,993,021	981,401	1,318,711	1,692,909
Union	2,791,268	968,528	918,047	904,693
Wallowa	793,315	30,753	207,232	555,330
Wasco	8,633,714	2,578,307	3,113,415	2,941,991
Washington	95,949,321	22,020,491	34,833,327	39,095,502
Wheeler	185,898	20,877	83,028	81,993
Yamhill	28,762,168	5,940,393	11,193,411	11,628,365

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.

## Lung Disease Hospitalization Costs

Table 50: Lung disease hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2007

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	75,787,858	18,062,865	29,569,956	28,155,037
Baker	303,082	51,185	123,027	128,870
Benton	431,682	116,393	57,896	257,392
Clackamas	5,277,450	675,437	2,266,118	2,335,895
Clatsop	1,106,670	293,844	438,186	374,640
Columbia	1,330,303	619,556	403,375	307,372
Coos	2,163,016	441,640	927,584	793,793
Crook	429,111	85,839	214,628	128,644
Curry	379,918	56,852	173,666	149,400
Deschutes	1,800,020	241,236	996,650	562,134
Douglas	4,772,023	1,113,100	2,368,715	1,290,208
Gilliam	37,100	*	9,300	27,800
Grant	109,144	58,727	9,304	41,113
Harney	153,976	46,915	52,538	54,522
Hood River	207,747	41,627	61,655	104,464
Jackson	9,180,876	2,053,788	2,845,004	4,282,084
Jefferson	308,880	23,523	85,291	200,066
Josephine	2,789,369	768,057	1,044,216	977,097
Klamath	1,919,642	298,005	874,168	747,469
Lake	223,423	108,005	80,417	35,002
Lane	5,244,864	1,309,568	1,922,653	2,012,643
Lincoln	1,379,070	227,710	547,752	603,609
Linn	2,472,233	558,993	830,870	1,082,370
Malheur	329,231	66,887	102,806	159,538
Marion	5,198,466	1,093,101	2,409,757	1,695,607
Morrow	107,405	25,551	20,339	61,515
Multnomah	16,921,703	5,441,997	6,573,058	4,906,648
Polk	1,191,887	209,135	359,408	623,345
Sherman	103,366	28,276	62,337	12,754
Tillamook	397,172	42,954	127,421	226,797
Umatilla	1,480,944	310,315	681,703	488,926
Union	639,757	112,000	146,122	381,635
Wallowa	178,708	16,842	61,898	99,968
Wasco	805,343	118,404	405,560	281,379
Washington	5,090,587	1,187,713	1,800,661	2,102,213
Wheeler	20,214	*	7,769	12,445
Yamhill	1,303,475	219,690	478,104	605,681

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.

## Stroke Hospitalization Costs

Table 51: Stroke hospitalization<sup>1</sup> costs<sup>2</sup> in dollars, for adults 45 years and older, data from the Hospital Discharge Database, by County, Oregon, 2007

	45 years and older	45-59 years	60-74 years	75 years and older
	Costs	Costs	Costs	Costs
Oregon	172,972,061	39,750,143	62,394,656	70,827,262
Baker	313,087	143,043	95,703	74,340.50
Benton	3,026,687	316,565	1,066,514	1,643,609
Clackamas	15,093,763	2,968,574	5,601,192	6,523,997
Clatsop	2,565,971	496,910	1,310,640	758,421
Columbia	2,287,129	532,574	1,025,567	728,987
Coos	4,751,715	768,886	2,011,491	1,971,338
Crook	613,874	101,285	339,501	173,089
Curry	1,118,659	83,293	459,826	575,540
Deschutes	6,181,207	999,549	2,873,004	2,308,654
Douglas	8,099,221	1,687,088	2,937,439	3,474,693
Gilliam	84,130	*	60,221	23,909
Grant	93,450	35,243	10,286	47,922
Harney	193,482	27,792	81,498	84,192
Hood River	388,257	14,984	188,433	184,839
Jackson	12,783,064	2,354,796	5,066,129	5,362,139
Jefferson	944,894	177,728	522,553	244,614
Josephine	5,699,765	1,343,865	1,950,837	2,405,063
Klamath	3,464,362	554,220	1,209,606	1,700,536
Lake	229,178	4,172	107,304	117,701
Lane	14,868,995	2,660,764	5,588,547	6,619,685
Lincoln	3,744,564	863,357	1,438,721	1,442,486
Linn	7,926,407	2,221,133	2,650,306	3,054,968
Malheur	342,279	8,647	62,049	271,583
Marion	14,600,513	3,998,449	4,892,019	5,710,045
Morrow	179,120	20,743	72,128	86,249
Multnomah	32,329,770	9,334,633	11,061,243	11,933,894
Polk	2,445,047	499,785	761,712	1,183,550
Sherman	85,147	15,843	*	69,303
Tillamook	1,159,964	162,030	443,341	554,593
Umatilla	1,231,713	216,385	375,365	639,963
Union	691,566	126,580	315,386	249,601
Wallowa	160,889	35,810	3,800	121,279
Wasco	1,355,643	440,276	483,655	431,713
Washington	19,220,479	5,825,958	5,596,977	7,797,545
Wheeler	22,763	*	*	22,763
Yamhill	4,675,306	709,184	1,731,663	2,234,459

\* Data not available.

<sup>1</sup> Costs do not include emergency room data.

<sup>2</sup> Hospitalization costs are based on a patient's home address, not the hospital where they were treated. Data from all hospitals in Oregon excepting Kaiser Permanente sites and Veteran's Affairs sites were included. The data is not unique; multiple patients could have sought care for the same disease more than once. Costs were only included when the disease in question was the first listed diagnosis.