

Step 2. Calculate the average number of total resident deaths over the last three years for each planning area.										
0-64					65+					
County	2004	2005	2006	Average	County	2004	2005	2006	Average	
Adams	27	36	20	28	Adams	81	76	74	77	
Asotin	57	45	46	49	Asotin	155	157	156	156	
Benton	244	240	314	266	Benton	751	789	767	769	
Chelan	107	132	122	120	Chelan	433	475	435	448	
Clallam	172	155	172	166	Clallam	652	671	692	672	
Clark	728	733	712	724	Clark	1,897	1,981	1,941	1,940	
Columbia	14	5	14	11	Columbia	35	33	41	36	
Cowlitz	259	276	274	270	Cowlitz	694	766	739	733	
Douglas	57	63	62	61	Douglas	213	195	201	203	
Ferry	23	25	29	26	Ferry	48	58	45	50	
Franklin	96	81	95	91	Franklin	193	195	214	201	
Garfield	5	7	4	5	Garfield	25	18	24	22	
Grant	168	160	170	166	Grant	400	413	436	416	
Grays Harbor	216	196	183	198	Grays Harb	562	568	548	559	
Island	134	116	148	133	Island	458	475	440	458	
Jefferson	69	83	76	76	Jefferson	223	212	228	221	
King	2,842	2,878	3,014	2,911	King	8,349	8,540	8,527	8,472	
Kitsap	462	462	428	451	Kitsap	1,309	1,337	1,305	1,317	
Kittitas	49	62	72	61	Kittitas	196	174	181	184	
Klickitat	53	48	40	47	Klickitat	109	127	116	117	
Lewis	172	197	160	176	Lewis	619	555	561	578	
Lincoln	21	29	21	24	Lincoln	83	103	87	91	
Mason	155	156	154	155	Mason	378	436	429	414	
Okanogan	104	103	106	104	Okanogan	257	262	256	258	
Pacific	56	67	63	62	Pacific	218	227	218	221	
Pend Oreille	42	33	35	37	Pend Oreill	100	86	89	92	
Pierce	1,508	1,570	1,649	1,576	Pierce	3,718	3,932	3,777	3,809	
San Juan	17	22	37	25	San Juan	91	81	87	86	
Skagit	211	218	240	223	Skagit	741	806	778	775	
Skamania	21	29	26	25	Skamania	56	50	55	54	
Snohomish	1,126	1,178	1,129	1,144	Snohomish	2,978	3,058	3,011	3,016	
Spokane	919	894	896	903	Spokane	2,772	2,743	2,823	2,779	
Stevens	106	113	120	113	Stevens	287	276	286	283	
Thurston	413	450	456	440	Thurston	1,185	1,288	1,387	1,287	
Wahkiakum	9	16	9	11	Wahkiakun	35	27	31	31	
Walla Walla	102	114	105	107	Walla Walla	403	433	427	421	
Whatcom	317	300	306	308	Whatcom	1,008	1,020	1,004	1,011	
Whitman	35	47	43	42	Whitman	166	178	171	172	
Yakima	480	520	462	487	Yakima	1,344	1,335	1,278	1,340	

Step 3. Multiply each hospice use rate determined in Step 1 by the planning areas average total resident deaths determined in Step 2.										
0-64	2004-2006		Cancer	Non-Cancer		65+			Cancer	Non-Cancer
County	Average Deaths		Projected	Projected		County	Average		Projected	Projected
Adams	28		5	2		Adams	77		12	19
Asotin	49		9	4		Asotin	156		24	38
Benton	266		48	24		Benton	769		120	189
Chelan	120		22	11		Chelan	448		70	110
Clallam	166		30	15		Clallam	672		105	165
Clark	724		131	65		Clark	1940		304	476
Columbia	11		2	1		Columbia	36		6	9
Cowlitz	270		49	24		Cowlitz	733		115	180
Douglas	61		11	5		Douglas	203		32	50
Ferry	26		5	2		Ferry	50		8	12
Franklin	91		16	8		Franklin	201		31	49
Garfield	5		1	0		Garfield	22		3	5
Grant	166		30	15		Grant	416		65	102
Grays Hart	198		36	18		Grays Hart	559		88	137
Island	133		24	12		Island	458		72	112
Jefferson	76		14	7		Jefferson	221		35	54
King	2911		527	263		King	8472		1327	2079
Kitsap	451		82	41		Kitsap	1317		206	323
Kittitas	61		11	6		Kittitas	184		29	45
Klickitat	47		9	4		Klickitat	117		18	29
Lewis	176		32	16		Lewis	578		91	142
Lincoln	24		4	2		Lincoln	91		14	22
Mason	155		28	14		Mason	414		65	102
Okanogan	104		19	9		Okanogan	258		40	63
Pacific	62		11	6		Pacific	221		35	54
Pend Oreill	37		7	3		Pend Oreill	92		14	22
Pierce	1576		285	142		Pierce	3809		597	935
San Juan	25		5	2		San Juan	86		14	21
Skagit	223		40	20		Skagit	775		121	190
Skamania	25		5	2		Skamania	54		8	13
Snohomish	1144		207	103		Snohomish	3016		472	740
Spokane	903		163	82		Spokane	2779		435	682
Stevens	113		20	10		Stevens	283		44	69
Thurston	440		80	40		Thurston	1287		202	316
Wahkiakun	11		2	1		Wahkiakun	31		5	8
Walla Walla	107		19	10		Walla Walla	421		66	103
Whatcom	308		56	28		Whatcom	1011		158	248
Whitman	42		8	4		Whitman	172		27	42
Yakima	487		88	44		Yakima	1340		210	329

Step 4. Add the four subtotals derived in Step 3 to project the potential volume of hospice services in each planning area.						
County	Average Deaths	<65 w/Cancer Projected	<65 w/o Cancer Projected	65+ w/Cancer Projected	65+ w/o Cancer Projected	Total Projected Patients
Adams	105	5	2	12	19	38
Asotin	205	9	4	24	38	76
Benton	1035	48	24	120	189	381
Chelan	568	22	11	70	110	213
Clallam	838	30	15	105	165	315
Clark	2664	131	65	304	476	976
Columbia	47	2	1	6	9	18
Cowlitz	1003	49	24	115	180	368
Douglas	264	11	5	32	50	98
Ferry	76	5	2	8	12	27
Franklin	291	16	8	31	49	105
Garfield	28	1	0	3	5	10
Grant	582	30	15	65	102	212
Grays Hart	758	36	18	88	137	279
Island	590	24	12	72	112	220
Jefferson	297	14	7	35	54	109
King	11383	527	263	1327	2079	4196
Kitsap	1768	82	41	206	323	652
Kittitas	245	11	6	29	45	90
Klickitat	164	9	4	18	29	60
Lewis	755	32	16	91	142	280
Lincoln	115	4	2	14	22	43
Mason	569	28	14	65	102	209
Okanogan	363	19	9	40	63	132
Pacific	283	11	6	35	54	106
Pend Oreill	128	7	3	14	22	47
Pierce	5385	285	142	597	935	1959
San Juan	112	5	2	14	21	42
Skagit	998	40	20	121	190	372
Skamania	79	5	2	8	13	28
Snohomish	4160	207	103	472	740	1523
Spokane	3682	163	82	435	682	1362
Stevens	396	20	10	44	69	144
Thurston	1726	80	40	202	316	637
Wahkiakum	42	2	1	5	8	16
Walla Walla	528	19	10	66	103	198
Whatcom	1318	56	28	158	248	490
Whitman	213	8	4	27	42	80
Yakima	1827	88	44	210	329	671

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Step 5. Inflate the potential volume of hospice service by the one-year estimated population growth (using OFM data).															
County	Projected Patients	2004-2006 average population	2007	2008	2009	2010	2011	2012	2007 Potential volume	2008 Potential volume	2009 Potential volume	2010 Potential volume	2011 Potential volume	2012 Potential volume	
Adams	38	17,252	17,867	18,084	18,293	18,502	18,746	18,991	40	40	41	41	42	42	
Asotin	76	21,276	21,912	22,136	22,359	22,582	22,779	22,977	78	79	80	81	81	82	
Benton	381	149,713	155,408	157,350	159,293	161,236	162,894	164,553	396	401	406	411	415	419	
Chelan	213	70,258	73,099	74,063	75,028	75,993	77,006	78,018	221	224	227	230	233	236	
Clallam	315	64,811	66,083	66,640	67,197	67,754	68,357	68,960	321	324	327	329	332	335	
Clark	976	382,059	407,750	415,993	424,236	432,479	440,718	448,957	1042	1063	1084	1105	1126	1147	
Columbia	18	3,944	3,948	3,966	3,983	4,000	4,030	4,060	18	18	18	18	18	18	
Cowlitz	368	97,601	102,420	104,247	106,075	107,903	109,755	111,607	386	393	400	407	414	421	
Douglas	98	35,526	37,433	38,020	38,608	39,196	39,817	40,438	103	105	107	108	110	112	
Ferry	27	7,773	8,094	8,191	8,287	8,384	8,473	8,561	28	29	29	29	30	30	
Franklin	105	51,983	54,142	54,892	55,642	56,392	57,157	57,922	110	111	113	114	116	117	
Garfield	10	2,428	2,466	2,480	2,495	2,510	2,527	2,544	11	11	11	11	11	11	
Grant	212	80,857	84,771	85,957	87,144	88,331	89,226	90,121	223	226	229	232	234	237	
Grays Harbor	279	66,631	67,445	67,923	68,400	68,878	69,455	70,031	282	284	286	288	290	293	
Island	220	74,102	77,103	78,285	79,468	80,650	82,003	83,356	229	232	236	239	243	247	
Jefferson	109	27,906	29,342	29,858	30,375	30,892	31,527	32,162	115	117	119	121	124	126	
King	4196	1,776,849	1,816,499	1,831,346	1,846,194	1,861,042	1,876,911	1,892,779	4289	4324	4360	4395	4432	4470	
Kitsap	652	235,516	244,978	249,266	253,553	257,841	262,649	267,458	678	690	702	714	727	740	
Kittitas	90	34,124	35,285	35,771	36,256	36,742	37,284	37,826	93	95	96	97	99	100	
Klickitat	60	20,103	20,853	21,111	21,368	21,626	21,915	22,204	62	63	64	64	65	66	
Lewis	280	72,124	74,800	75,698	76,595	77,493	78,245	78,996	291	294	298	301	304	307	
Lincoln	43	10,113	10,211	10,270	10,328	10,386	10,510	10,633	43	44	44	44	45	45	
Mason	209	52,912	55,715	56,678	57,641	58,604	59,685	60,765	220	223	227	231	235	240	
Okanogan	132	41,079	42,499	43,020	43,540	44,061	44,512	44,963	137	138	140	142	143	145	
Pacific	106	20,962	21,077	21,137	21,197	21,257	21,351	21,444	106	107	107	107	108	108	
Pend Oreille	47	12,490	13,077	13,276	13,475	13,674	13,881	14,089	49	50	50	51	52	53	
Pierce	1959	732,834	759,935	769,483	779,032	788,580	798,975	809,371	2031	2057	2082	2108	2136	2163	
San Juan	42	15,199	16,214	16,582	16,949	17,316	17,686	18,057	44	45	46	47	48	49	
Skagit	372	111,105	117,404	119,539	121,673	123,807	126,189	128,571	393	400	407	415	423	431	
Skamania	28	10,361	10,717	10,834	10,951	11,068	11,201	11,333	29	30	30	30	31	31	
Snohomish	1523	654,593	691,624	704,068	716,513	728,957	741,910	754,862	1609	1638	1667	1696	1726	1756	
Spokane	1362	436,442	451,208	456,277	461,347	466,417	472,530	478,643	1408	1424	1440	1456	1475	1494	
Stevens	144	41,697	43,897	44,793	45,689	46,585	47,688	48,792	152	155	158	161	165	169	
Thurston	637	228,713	243,907	248,833	253,760	258,687	264,239	269,792	679	693	706	720	735	751	
Wahkiakum	16	3,890	4,011	4,064	4,116	4,169	4,216	4,264	16	16	16	16	17	17	
Walla Walla	198	57,016	28,497	59,008	59,519	60,030	60,504	60,977	99	205	207	209	210	212	
Whatcom	490	177,733	186,479	189,488	192,496	195,504	199,052	202,601	514	522	530	539	549	558	
Whitman	80	40,504	40,727	40,867	41,008	41,149	41,388	41,626	81	81	81	82	82	83	
Yakima	671	225,014	230,347	232,710	235,072	237,435	240,799	244,164	687	694	701	708	718	728	

Step 6. Subtract the current hospice capacity in each planning area from the above projected volume of hospice services to determine unmet need.																												
(g) Determine the number of hospice agencies in the proposed planning area which could support the unmet need with an ADC of thirty-five.																												
	2007 Potential volume	2008 Potential volume	2009 Potential volume	2010 Potential volume	2011 Potential volume	2012 Potential volume	Current Capacity	2007 Unmet Need admits	2008 Unmet Need admits	2009 Unmet Need admits	2010 Unmet Need admits	2011 Unmet Need admits	2012 Unmet Need admits	Statewide Average Length of Stay	2007 Unmet Need Patient Days	2008 Unmet Need Patient Days	2009 Unmet Need Patient Days	2010 Unmet Need Patient Days	2011 Unmet Need Patient Days	2012 Unmet Need Patient Days	2007 Unmet Need ADC	2008 Unmet Need ADC	2009 Unmet Need ADC	2010 Unmet Need ADC	2011 Unmet Need ADC	2012 Unmet Need ADC	Need for Add'l Agency	# of Add'l Agencies Needed
Adams	40	40	41	41	42	42	12	28	28	29	29	30	30	56.114999	1,562	1,589	1,615	1,641	1,672	1,702	4	4	4	4	5	5	FALSE	FALSE
Asotin	78	79	80	81	81	82	29	49	50	51	52	52	53	56.114999	2,771	2,816	2,860	2,905	2,945	2,984	8	8	8	8	8	8	FALSE	FALSE
Benton	396	401	406	411	415	419	447	(51)	(46)	(41)	(36)	(32)	(28)	56.114999	(2,872)	(2,594)	(2,316)	(2,039)	(1,802)	(1,564)	(8)	(7)	(6)	(6)	(5)	(4)	FALSE	FALSE
Chelan	221	224	227	230	233	236	168	53	56	59	62	65	68	56.114999	2,986	3,150	3,314	3,478	3,650	3,822	8	9	9	10	10	10	FALSE	FALSE
Ciallam	321	324	327	329	332	335	278	43	46	49	51	54	57	56.114999	2,432	2,584	2,736	2,888	3,053	3,217	7	7	7	8	8	9	FALSE	FALSE
Clark	1,042	1,063	1,084	1,105	1,126	1,147	1,039	3	24	45	66	87	108	56.114999	165	1,347	2,529	3,711	4,893	6,074	0	4	7	10	13	17	FALSE	FALSE
Columbia	18	18	18	18	18	18	7	11	11	11	11	11	11	56.114999	595	600	604	608	616	623	2	2	2	2	2	2	FALSE	FALSE
Cowlitz	386	393	400	407	414	421	519	(133)	(126)	(119)	(112)	(105)	(98)	56.114999	(7,463)	(7,077)	(6,690)	(6,303)	(5,912)	(5,520)	(20)	(19)	(18)	(17)	(16)	(15)	FALSE	FALSE
Douglas	103	105	107	108	110	112	68	35	37	39	40	42	44	56.114999	1,983	2,074	2,165	2,256	2,352	2,448	5	6	6	6	6	7	FALSE	FALSE
Ferry	28	29	29	29	30	30	32	(4)	(3)	(3)	(3)	(2)	(2)	56.114999	(206)	(187)	(169)	(150)	(132)	(115)	(1)	(1)	(0)	(0)	(0)	(0)	FALSE	FALSE
Franklin	110	111	113	114	116	117	118	(8)	(7)	(5)	(4)	(2)	(1)	56.114999	(469)	(384)	(299)	(213)	(126)	(40)	(1)	(1)	(1)	(1)	(0)	(0)	FALSE	FALSE
Garfield	11	11	11	11	11	11	2	9	9	9	9	9	9	56.114999	482	485	489	493	497	501	1	1	1	1	1	1	FALSE	FALSE
Grant	223	226	229	232	234	237	62	161	164	167	170	172	175	56.114999	9,017	9,192	9,367	9,542	9,674	9,806	25	25	26	26	27	27	FALSE	FALSE
Grays Harbor	282	284	286	288	290	293	130	152	154	156	158	160	163	56.114999	8,534	8,646	8,758	8,870	9,006	9,141	23	24	24	24	25	25	FALSE	FALSE
Island	229	232	236	239	243	247	133	96	99	103	106	110	114	56.114999	5,381	5,578	5,775	5,972	6,198	6,423	15	15	16	16	17	18	FALSE	FALSE
Jefferson	115	117	119	121	124	126	107	8	10	12	14	17	19	56.114999	454	568	682	796	935	1,075	1	2	2	2	3	3	FALSE	FALSE
King	4,289	4,324	4,360	4,395	4,432	4,470	4,406	(117)	(82)	(46)	(11)	26	64	56.114999	(6,542)	(4,575)	(2,607)	(640)	1,463	3,566	(18)	(13)	(7)	(2)	4	10	FALSE	FALSE
Kitsap	678	690	702	714	727	740	465	213	225	237	249	262	275	56.114999	11,948	12,614	13,279	13,945	14,692	15,439	33	35	36	38	40	42	TRUE	1
Kittitas	93	95	96	97	99	100	75	18	20	21	22	24	25	56.114999	1,036	1,108	1,180	1,253	1,333	1,414	3	3	3	3	4	4	FALSE	FALSE
Klickitat*	62	63	64	64	65	66	291	(229)	(228)	(227)	(227)	(226)	(225)	56.114999	(12,842)	(12,798)	(12,755)	(12,712)	(12,664)	(12,616)	(35)	(35)	(35)	(35)	(35)	(35)	FALSE	FALSE
Lewis	291	294	298	301	304	307	296	(5)	(2)	2	5	8	11	56.114999	(295)	(99)	97	293	457	620	(1)	(0)	0	1	1	2	FALSE	FALSE
Lincoln	43	44	44	44	45	45	6	37	38	38	38	39	39	56.114999	2,100	2,114	2,128	2,142	2,171	2,201	6	6	6	6	6	6	FALSE	FALSE
Mason	220	223	227	231	235	240	157	63	66	70	74	78	83	56.114999	3,517	3,730	3,943	4,156	4,395	4,634	10	10	11	11	12	13	FALSE	FALSE
Okanogan	137	138	140	142	143	145	18	119	120	122	124	125	127	56.114999	6,662	6,757	6,850	6,944	7,026	7,107	18	19	19	19	19	19	FALSE	FALSE
Pacific	106	107	107	107	108	108	45	61	62	62	62	63	63	56.114999	3,437	3,454	3,471	3,488	3,514	3,541	9	9	10	10	10	10	FALSE	FALSE
Pend Oreille	49	50	50	51	52	53	24	25	26	26	27	28	29	56.114999	1,403	1,445	1,486	1,528	1,572	1,616	4	4	4	4	4	4	FALSE	FALSE
Pierce	2,031	2,057	2,082	2,108	2,136	2,163	2,341	(310)	(284)	(259)	(233)	(205)	(178)	56.114999	(17,384)	(15,952)	(14,520)	(13,088)	(11,529)	(9,970)	(48)	(44)	(40)	(36)	(32)	(27)	FALSE	FALSE
San Juan	44	45	46	47	48	49	0	44	45	46	47	48	49	56.114999	2,489	2,546	2,602	2,658	2,715	2,772	7	7	7	7	7	8	FALSE	FALSE
Skagit	393	400	407	415	423	431	452	(59)	(52)	(45)	(37)	(29)	(21)	56.114999	(3,301)	(2,900)	(2,499)	(2,098)	(1,651)	(1,203)	(9)	(8)	(7)	(6)	(5)	(3)	FALSE	FALSE
Skamania	29	30	30	30	31	31	23	6	7	7	7	8	8	56.114999	361	379	397	415	435	455	1	1	1	1	1	1	FALSE	FALSE
Snohomish	1,609	1,638	1,667	1,696	1,726	1,756	2,096	(487)	(458)	(429)	(400)	(370)	(340)	56.114999	(27,330)	(25,705)	(24,081)	(22,456)	(20,765)	(19,075)	(75)	(70)	(66)	(62)	(57)	(52)	FALSE	FALSE
Spokane	1,408	1,424	1,440	1,456	1,475	1,494	1,296	112	128	144	160	179	198	56.114999	6,309	7,197	8,085	8,974	10,044	11,115	17	20	22	25	28	30	FALSE	FALSE
Stevens	152	155	158	161	165	169	63	89	92	95	98	102	106	56.114999	4,997	5,171	5,345	5,519	5,734	5,948	14	14	15	15	16	16	FALSE	FALSE
Thurston	679	693	706	720	735	751	588	91	105	118	132	147	163	56.114999	5,098	5,867	6,636	7,406	8,273	9,140	14	16	18	20	23	25	FALSE	FALSE
Wahkiakum	16	16	16	17	17	17	25	(9)	(9)	(9)	(8)	(8)	(8)	56.114999	(504)	(492)	(480)	(468)	(458)	(447)	(1)	(1)	(1)	(1)	(1)	(1)	FALSE	FALSE
Walla Walla	99	205	207	209	210	212	170	(71)	35	37	39	40	42	56.114999	(3,978)	1,976	2,076	2,175	2,268	2,360	(11)	5	6	6	6	6	FALSE	FALSE
Whatcom	514	522	530	539	549	558	491	23	31	39	48	58	67	56.114999	1,284	1,750	2,215	2,680	3,229	3,777	4	5	6	7	9	10	FALSE	FALSE
Whitman	81	81	81	82	82	83	14	67	67	67	68	68	69	56.114999	3,746	3,762	3,778	3,793	3,820	3,846	10	10	10	10	10	11	FALSE	FALSE
Yakima	687	694	701	708	718	728	489	198	205	212	219	229	239	56.114999	11,089	11,485	11,880	12,275	12,838	13,401	30	31	33	34	35	37	TRUE	1
							16,982																					
* County contains one hospice in first three years of project																												
Each hospice in first three years is assumed 35 adc at statewide ALOS or 246 admits																												