

Kitsap Acute Care Bed Need  
Appendix 1

<b>1998-2007 HSA TOTAL NUMBER OF PATIENT DAYS</b>											
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>10-YEAR TOTAL</b>
<b>HSA #1</b>	1,231,384	1,260,919	1,309,677	1,361,082	1,370,268	1,387,558	1,403,345	1,439,081	1,452,646	1,499,439	<b>13,715,399</b>
<b>Kitsap</b>	38,725	40,374	42,614	49,352	52,231	53,970	55,236	60,470	60,670	64,433	<b>518,075</b>
<b>STATEWIDE TOTAL</b>	<b>1,891,585</b>	<b>1,954,098</b>	<b>2,034,921</b>	<b>2,120,316</b>	<b>2,121,795</b>	<b>2,143,447</b>	<b>2,158,760</b>	<b>2,227,692</b>	<b>2,277,848</b>	<b>2,344,010</b>	<b>21,274,472</b>

Kitsap Acute Care Bed Need  
Appendix 2

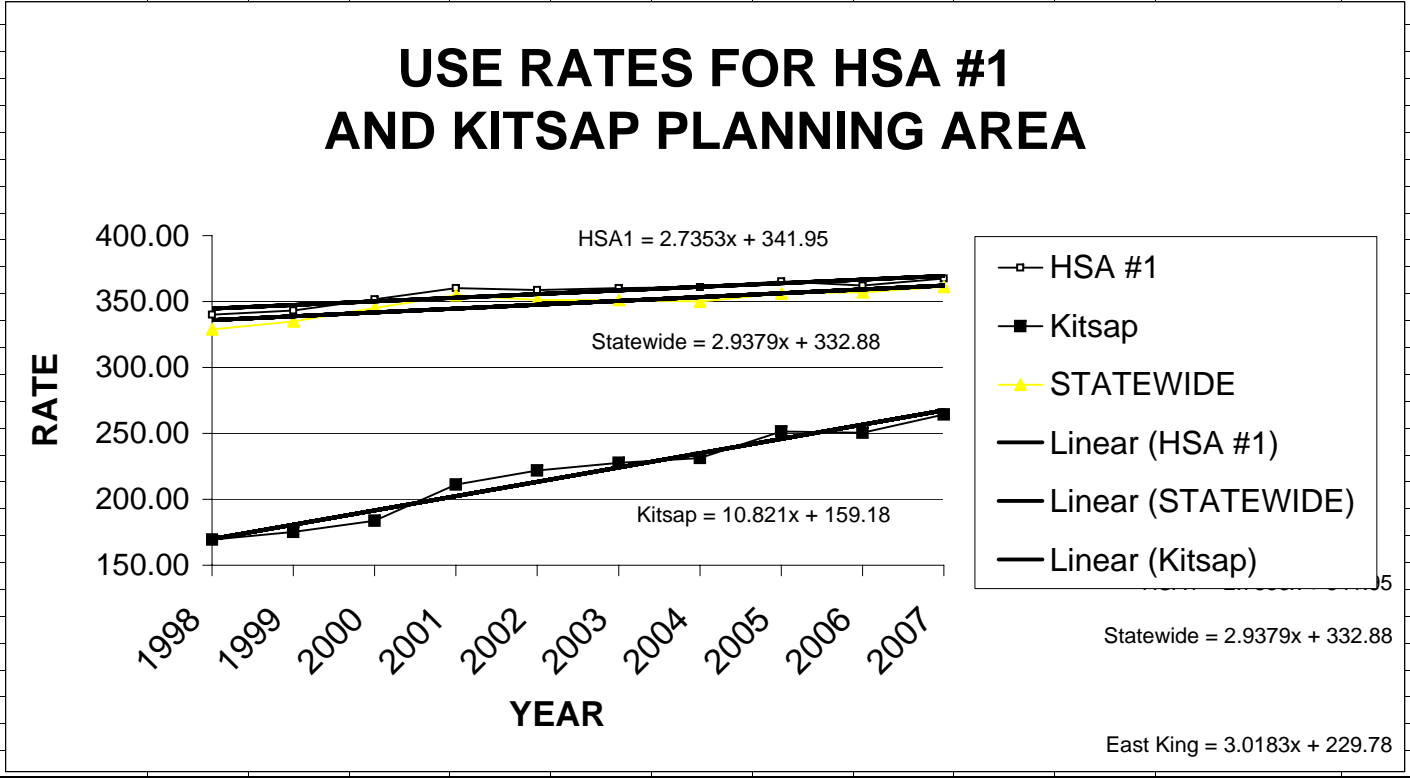
<b>1998-2007 HSA TOTAL NUMBER OF PATIENT DAYS</b>											
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>10-YEAR TOTAL</b>
<b>HSA #1</b>	1,231,384	1,260,919	1,309,677	1,361,082	1,370,268	1,387,558	1,403,345	1,439,081	1,452,646	1,499,439	<b>13,715,399</b>
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<b>STATEWIDE TOTAL</b>	<b>1,891,585</b>	<b>1,954,098</b>	<b>2,034,921</b>	<b>2,120,316</b>	<b>2,121,795</b>	<b>2,143,447</b>	<b>2,158,760</b>	<b>2,227,692</b>	<b>2,277,848</b>	<b>2,344,010</b>	<b>21,274,472</b>
<b>1998-2007 HSA TOTAL NUMBER OF PSYCHIATRIC PATIENT DAYS</b>											
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>10-YEAR TOTAL</b>
<b>HSA #1</b>	568	485	412	578	553	810	615	635	661	820	<b>6,137</b>
<b>Kitsap</b>	0	0	0	0	0	0	0	0	0	0	<b>0</b>
<b>STATEWIDE TOTAL</b>	<b>688</b>	<b>543</b>	<b>456</b>	<b>610</b>	<b>510</b>	<b>985</b>	<b>719</b>	<b>711</b>	<b>747</b>	<b>966</b>	<b>6,935</b>
<b>1998-2007 HSA TOTAL NUMBER OF PATIENT DAYS MINUS PSYCH DAYS</b>											
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>10-YEAR TOTAL</b>
<b>HSA #1</b>	1,230,816	1,260,434	1,309,265	1,360,504	1,369,715	1,386,748	1,402,730	1,438,446	1,451,985	1,498,619	<b>13,709,262</b>
<b>Kitsap</b>	38,725	40,374	42,614	49,352	52,231	53,970	55,236	60,470	60,670	64,433	<b>518,075</b>
<b>STATEWIDE TOTAL</b>	<b>1,890,897</b>	<b>1,953,555</b>	<b>2,034,465</b>	<b>2,119,706</b>	<b>2,121,285</b>	<b>2,142,462</b>	<b>2,158,041</b>	<b>2,226,981</b>	<b>2,277,101</b>	<b>2,343,044</b>	<b>21,267,537</b>

Kitsap Acute Care Bed Need  
Appendix 3

<b>1998-2007 HSA TOTAL NUMBER OF PATIENT DAYS MINUS PSYCH DAYS</b>											
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>10-YEAR TOTAL</b>
<b>HSA #1</b>	1,230,816	1,260,434	1,309,265	1,360,504	1,369,715	1,386,748	1,402,730	1,438,446	1,451,985	1,498,619	<b>13,709,262</b>
<b>Kitsap</b>	38,725	40,374	42,614	49,352	52,231	53,970	55,236	60,470	60,670	64,433	<b>518,075</b>
<b>STATEWIDE TOTAL</b>	<b>1,890,897</b>	<b>1,953,555</b>	<b>2,034,465</b>	<b>2,119,706</b>	<b>2,121,285</b>	<b>2,142,462</b>	<b>2,158,041</b>	<b>2,226,981</b>	<b>2,277,101</b>	<b>2,343,044</b>	<b>21,267,537</b>
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<b>TOTAL POPULATIONS BY HSA</b>											
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>10-YEAR TOTAL</b>
<b>HSA #1</b>	3,620,228	3,673,734	3,721,775	3,776,110	3,818,510	3,849,500	3,885,500	3,938,000	4,010,700	4,077,900	<b>38,371,957</b>
<b>Kitsap</b>	228,597	230,283	231,969	233,655	235,341	237,028	238,714	240,400	242,130	243,860	<b>2,361,976</b>
<b>STATEWIDE TOTAL</b>	<b>5,750,033</b>	<b>5,830,835</b>	<b>5,894,143</b>	<b>5,974,910</b>	<b>6,041,710</b>	<b>6,098,300</b>	<b>6,167,800</b>	<b>6,256,400</b>	<b>6,376,000</b>	<b>6,488,000</b>	<b>60,878,131</b>
	0.25272413	0.25350756	0.25440152	0.25610518	0.25778079	0.25776432	0.25725521	0.25688979	0.25899973		
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<b>USE RATE PER 1,000 BY HSA</b>											
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>10-YEAR TOTAL</b>
<b>HSA #1</b>	339.98	343.09	351.79	360.29	358.70	360.24	361.02	365.27	362.03	367.50	<b>3,570</b>
<b>Kitsap</b>	169.40	175.32	183.71	211.22	221.94	227.70	231.39	251.54	250.57	264.22	<b>2,187</b>
<b>STATEWIDE</b>	<b>328.85</b>	<b>335.04</b>	<b>345.17</b>	<b>354.77</b>	<b>351.11</b>	<b>351.32</b>	<b>349.89</b>	<b>355.95</b>	<b>357.14</b>	<b>361.14</b>	<b>3,490</b>

East King Acute Care Bed Need  
Appendix 4

USE RATE PER 1,000 BY HSA													
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	10-YEAR TOTAL	Trendline	
<b>HSA #1</b>	339.98	343.09	351.79	360.29	358.70	360.24	361.02	365.27	362.03	367.50	<b>3,569.91</b>	<b>2.7353</b>	
<b>Kitsap</b>	169.40	175.32	183.71	211.22	221.94	227.70	231.39	251.54	250.57	264.22	<b>2,187.00</b>	<b>10.8210</b>	
<b>STATEWIDE</b>	<b>328.85</b>	<b>335.04</b>	<b>345.17</b>	<b>354.77</b>	<b>351.11</b>	<b>351.32</b>	<b>349.89</b>	<b>355.95</b>	<b>357.14</b>	<b>361.14</b>	<b>3,490.36</b>	<b>2.9379</b>	





Kitsap Acute Care Bed Need  
Appendix 7A

USE RATE BY PLANNING AREA FROM STEP 6							
	<b>Kitsap</b>						
YEAR 2007 USE RATES							
0-64	221.85	Insignificant difference w applicant					
65+	1,215.98	Applicant uses 1306.4					
PROJECTED POPULATION		YEAR 2014					
	<b>Kitsap</b>						
0-64	220,823						
65+	38,629						
<b>TOTALS</b>	<b>259,452</b>						
PROJECTED 2014 USE RATE							
	<b>Kitsap</b>						
USE RATES*							
0-64 using Area Trend	<b>241.00</b>						
0-64 using Statewide Trend	242.42						
65+ using Area Trend	<b>1,235.13</b>						
65+ using Statewide Trend	1,236.55						
*Projected by applying either planning area trend or Statewide trend, whichever trend would result in the smaller adjustment							
<b>Bold Print</b> indicates use rate closest to current value							

Kitsap Acute Care Bed Need  
Appendix 8

USE RATE BY HSA FROM STEP 7A				
PROJECTED USE RATE - 2014	<b>Kitsap</b>			
USE RATES				
0-64	241.00			
65+	1,235.13			
PROJECTED POPULATION - 2014				
	<b>Kitsap</b>			
0-64	220,823	minor differences		
65+	38,629	minor differences		
<b>TOTALS</b>	<b>259,452</b>			
PROJECTED # OF PATIENT DAYS	YEAR 2014			
	<b>Kitsap</b>			
0-64	53,218			
65+	47,712	Much lower than applicant		
<b>TOTALS</b>	<b>100,930</b>			

PROJECTED # OF PATIENT DAYS				
YEAR 2014	Kitsap	WA - KC	TOTAL	
0-64	53,218	1,512,335	1,565,553	
65+	47,712	1,135,922	1,183,634	
<b>TOTALS</b>	<b>100,930</b>	<b>2,648,257</b>	<b>2,749,187</b>	
MARKET SHARE % OF PATIENT DAYS FROM STEP 5				
% OF Kitsap RESIDENTS	Kitsap	WA - KC	TO OREGON	
0-64	57.83%	42.11%	0.05%	
65+	75.95%	24.01%	0.03%	
% OF WA - KC RESIDENTS	Kitsap	WA - KC	TO OREGON	
0-64	0.35%	96.38%	3.27%	
65+	0.60%	97.32%	2.09%	
# OF Kitsap RESIDENTS	Kitsap	WA - KC	TO OREGON	Total
0-64	30,778	22,411	29	53,218
65+	36,239	11,457	15	47,712
				100,930
# OF WA - KC RESIDENTS	Kitsap	WA - KC	TO OREGON	Total
0-64	5,349	1,457,596	49,390	1,512,335
65+	6,790	1,105,446	23,687	1,135,922
				2,648,257
# OF RESIDENT PAT DAYS PROJECTED IN Kitsap				
0-64	36,127	applicant higher		
65+	43,029	applicant higher		
# OF RESIDENT PAT DAYS PROJECTED IN WA - KC				
0-64	1,480,007			
65+	1,116,903			
# OF WA RESIDENT PAT DAYS PROJECTED IN OREGON				
0-64	49,419			
65+	23,702			
OUT OF STATE % OF PATIENT DAYS FROM STEP 5				
Kitsap	%			
0-64	0.55%			
65+	0.94%			
WA - KC				
0-64	5.63%			
65+	4.57%			
PROJECTED # OF PATIENT DAYS 2014 PLUS OUT OF STATE RESIDENTS				
Kitsap				
0-64	36,326	0.682588187	applicant slightly higher	
65+	43,432	0.910291804	applicant significantly higher	
<b>TOTAL</b>	<b>79,758</b>			
				<b>b</b>

Kitsap Acute Care Bed Need - No Change  
Appendix 10a

	2007	2008	2009	2010	2011	2012	2013	2014		
<b>Kitsap Planning Area</b>										
<b>Population 0-64(1)</b>	215,302	216,080	216,859	217,638	218,524	219,571	220,296	220,823		
<b>0-64 Use Rate</b>	221.85	224.78	227.72	230.65	233.58	236.52	239.45	242.38		
<b>Population 65+(1)</b>	28,558	29,510	30,461	31,412	33,126	34,680	36,555	38,629		
<b>65+ Use Rate</b>	1,215.98	1218.91	1221.85	1224.78	1227.71	1230.65	1233.58	1236.51		
<b>Total Population</b>	243,860	245,590	247,320	249,050	251,650	254,251	256,851	259,452		
<b>Total Kitsap Res Days</b>	82,491	84,542	86,601	88,671	91,713	94,611	97,844	101,289		
<b>Total Days in Kitsap Hospitals (2)</b>	64,215	65,898	67,588	69,286	71,863	74,299	77,055	80,015		
<b>Available Beds(3)</b>										
<b>Harrison</b>	242	242	242	242	242	242	242	242		
<b>Harrison Silverdale</b>	44	44	44	44	44	44	44	44		
<b>Total</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>286</b>		
<b>Wtd Occ Std(4)</b>	66.92%	66.92%	66.92%	66.92%	66.92%	66.92%	66.92%	66.92%		
<b>Gross Bed Need</b>	<b>262.88</b>	<b>269.77</b>	<b>276.69</b>	<b>283.65</b>	<b>294.20</b>	<b>304.17</b>	<b>315.45</b>	<b>327.57</b>		
<b>Net Bed Need/Surplus</b>	<b>-23.12</b>	<b>-16.23</b>	<b>-9.31</b>	<b>-2.35</b>	<b>8.20</b>	<b>18.17</b>	<b>29.45</b>	<b>41.57</b>		
(1) Source: OFM Nov 2007 Population projections										
(2) Adjusted to reflect referral patterns into and out of Kitsap Planning Area to other planning areas and Oregon										
(3) Source: CHARS & Survey Data										
(4) Calculated per 1987 Washington State Health Plan as the sum , across all hospitals in the planning area,										

Kitsap Acute Care Bed Need  
Appendix 10b

	2007	2008	2009	2010	2011	2012	2013	2014
<b>Kitsap Planning Area</b>								
<b>Population 0-64(1)</b>	215,302	216,080	216,859	217,638	218,524	219,571	220,296	220,823
<b>0-64 Use Rate</b>	221.85	224.78	227.72	230.65	233.58	236.52	239.45	242.38
<b>Population 65+(1)</b>	28,558	29,510	30,461	31,412	33,126	34,680	36,555	38,629
<b>65+ Use Rate</b>	1,215.98	1218.91	1221.85	1224.78	1227.71	1230.65	1233.58	1236.51
<b>Total Population</b>	243,860	245,590	247,320	249,050	251,650	254,251	256,851	259,452
<b>Total Kitsap Res Days</b>	82,491	84,542	86,601	88,671	91,713	94,611	97,844	101,289
<b>Total Days in Kitsap Hospitals (2)</b>	64,215	65,898	67,588	69,286	71,863	74,299	77,055	80,015
<b>Available Beds(3)</b>								
<b>Harrison</b>	242	242	242	242	242	200	200	200
<b>Harrison Silverdale</b>	44	44	44	44	44	136	136	136
<b>Total</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>286</b>	<b>336</b>	<b>336</b>	<b>336</b>
<b>Wtd Occ Std(4)</b>	66.92%	66.92%	66.92%	66.92%	66.92%	67.98%	67.98%	67.98%
<b>Gross Bed Need</b>	<b>262.88</b>	<b>269.77</b>	<b>276.69</b>	<b>283.65</b>	<b>294.20</b>	<b>299.45</b>	<b>310.56</b>	<b>322.49</b>
<b>Net Bed Need/Surplus</b>	<b>-23.12</b>	<b>-16.23</b>	<b>-9.31</b>	<b>-2.35</b>	<b>8.20</b>	<b>-36.55</b>	<b>-25.44</b>	<b>-13.51</b>

(1) Source: OFM Nov 2007 Population projections

(2) Adjusted to reflect referral patterns into and out of Kitsap Planning Area to other planning areas and Oregon

(3) Source: CHARS & Survey Data

(4) Calculated per 1987 Washington State Health Plan as the sum , across all hospitals in the planning area,

Kitsap Acute Care Bed Need  
Population

File: Population Forecast as of Nov 2007 USE THIS

OFM

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
228,597	230,283	<b>231,969</b>	233,655	235,341	237,028	238,714	<b>240,400</b>	242,130	243,860	245,590	247,320	<b>249,050</b>	251,650	254,251	256,851	259,452	<b>262,052</b>