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fund Washington's future"*

## **Technical Advisory Work Group**

Property Tax Revenue Models

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# Property Tax Formula

$$\text{Assessed Value} \times \text{Rate} = \text{Tax}$$

## Budget Based

Budget (Levy) Controls Rate.

Levy is set, Rate goes up or down as the value of taxable property go up or down.

The levy amount is divided by assessed value to determine the Rate.

## Rate Based

Rate Controls Budget (Levy).

Rate is set, Levy goes up or down as the value of taxable property go up or down.

The assessed value is multiplied by the rate to determine the levy amount.

## When a Property becomes Exempt, Is it a Shift or Loss?

### Budget Based

Shifts to other taxpayers

When a property is removed from the tax roll, the levy rate will increase.

Meaning the remaining taxpayer pay more.

### Rate Based

Loss in revenue

When a property is removed from the tax roll, the levy rate stays the same.

Meaning there is a loss in revenue.

# Property Tax Forecast Model

CALCULATION OF STATE SCHOOL LEVY (Part 1 Beginning with TY 2018)										CALCULATION OF STATE SCHOOL LEVY Part 2											
CALENDAR YEARS 1996 - 2030										CALENDAR YEARS 2018 - 2030											
Current Law										Current Law											
Taxes Due	Previous Years Tax Rate	Previous Years Levy Limit	Add min of 1% or IPD if IPD < 1%	New Cons't	St. Ass.Prop.	101% or IPD Limit	Tax Rate	State Levy		Taxes Due	Previous Years Tax Rate	Previous Years Levy Limit	Add min of 1% or IPD if IPD < 1%	New Cons't	St. Ass.Prop.	101% or IPD Limit	Tax Rate	State Levy			
8	3.21789	1,064,387,199	63,863,232	23,329,153	481,472	1,152,061,056	3.23117	1,697,698,751		CY96											
9	3.23708	1,097,698,751	65,861,925	20,369,033	4,819,619	1,188,749,328	3.24862	1,187,560,751		CY97											
10	3.24537	1,187,560,751	22,563,654	25,767,460	0	1,235,891,865	3.17154	1,235,891,865		CY98											
11	3.17154	1,235,891,865	10,505,081	29,117,283	0	1,275,514,229	3.03941	1,275,514,229		CY99											
12	3.03941	1,275,514,229	18,112,302	29,000,906	3,922,116	1,326,549,553	2.92463	1,326,549,553		CY00											
13	2.92463	1,326,549,553	34,622,943	30,835,660	4,098,308	1,396,106,464	2.82957	1,396,106,464		CY01											
14	2.82948	1,396,057,620	13,960,576	30,831,348	2,187,104	1,443,036,649	2.70892	1,443,036,649		CY02											
15	2.70892	1,443,036,649	14,430,566	29,054,830	1,049,785	1,487,571,630	2.63736	1,487,571,630		CY03											
16	2.63482	1,487,571,630	14,875,716	29,921,980	0	1,532,369,327	2.60824	1,532,369,327		CY04											
17	2.60824	1,532,369,327	15,323,693	33,575,828	2,603,213	1,583,872,060	2.53234	1,583,872,060		CY05											
18	2.53234	1,583,872,060	15,838,721	38,979,834	0	1,638,690,615	2.51542	1,638,690,615		CY06											
19	2.51542	1,638,690,615	16,386,906	45,567,146	483,045	1,701,127,712	2.01420	1,701,127,712		CY07											
20	2.01420	1,701,127,712	17,011,277	42,017,783	2,588,613	1,762,745,386	1.81058	1,762,745,386		CY08											
21	1.81058	1,762,745,386	17,627,454	37,166,838	1,157,222	1,818,696,900	1.75433	1,818,696,900		CY09											
22	1.75433	1,818,696,900	18,186,906	23,573,894	0	1,826,848,243	1.86675	1,826,848,243		CY10											
23	1.86647	1,826,848,243	18,268,482	17,854,845	975,393	1,863,946,965	2.06267	1,863,946,965		CY11											
24	2.06270	1,863,946,965	18,639,470	16,237,522	2,659,266	1,901,483,223	2.21695	1,901,483,223		CY12											
25	2.21716	1,901,483,223	19,014,832	14,886,606	0	1,935,384,661	2.30631	1,935,384,661		CY13											
26	2.30596	1,935,384,661	19,353,847	21,209,545	528,132	1,976,476,185	2.25033	1,976,476,185		CY14											
27	2.24968	1,976,476,185	19,764,762	25,233,790	3,217,558	2,024,692,295	2.14489	2,024,692,295		CY15											
28	2.14510	2,024,692,295	20,246,923	29,293,319	3,813,694	2,062,881,285	2.00527	2,062,881,285		CY16											
29	2.00452	2,062,881,285	19,659,259	32,331,479	0	2,114,872,023	1.89141	2,114,872,023		CY17											
30	1.89044	2,114,872,023	21,148,720	36,459,424	2,552,375	2,175,032,542	1.75522	2,175,032,542		CY18											
31	1.75522	2,175,032,542	21,750,325	39,038,897	1,858,746	2,237,680,510	1.75510	2,449,006,034		CY19	0.94478	1,162,595,719	11,625,957	21,013,448	1,000,506	1,196,235,630	0.94478	1,162,595,719			
32	1.75510	2,449,006,034	24,490,060	41,771,338	335,725	2,515,603,157	1.75527	2,689,021,365		CY20	0.64478	1,162,595,719	11,625,957	15,345,745	123,357	1,189,690,758	0.94481	1,438,779,083			
33	1.75527	2,689,021,365	13,203,095	33,250,113	980,931	2,736,455,503	1.75522	2,773,628,663		CY21	0.94481	1,438,779,083	7,064,405	17,897,518	528,005	1,464,269,011	0.94478	1,479,530,714			
34	1.75522	2,773,628,663	27,736,287	35,189,083	815,384	2,837,369,417	1.74616	2,837,369,417		CY22	0.94478	1,479,530,714	14,795,307	18,941,210	438,896	1,513,706,127	0.93987	1,513,706,127			
35	1.74616	2,837,369,417	28,373,694	36,839,926	1,200,700	2,903,783,737	1.70922	2,903,783,737		CY23	0.93987	1,513,706,127	15,137,061	19,829,006	646,274	1,549,318,469	0.91995	1,549,318,469			
36	1.70922	2,903,783,737	29,037,837	37,929,571	1,288,144	2,972,039,469	1.66586	2,972,039,469		CY24	0.91995	1,549,318,469	15,493,185	20,414,880	693,316	1,585,919,849	0.89663	1,585,919,849			
37	1.66586	2,972,039,469	29,720,395	38,862,146	1,449,079	3,042,071,089	1.61353	3,042,071,089		CY25	0.89663	1,585,919,849	15,859,198	20,916,994	779,946	1,623,475,988	0.86910	1,623,475,988			
38	1.61353	3,042,071,089	30,420,711	39,516,945	1,446,543	3,113,455,287	1.56105	3,113,455,287		CY26	0.86910	1,623,475,988	16,234,760	21,285,074	779,154	1,661,774,975	0.84092	1,661,774,975			
39	1.56105	3,113,455,287	31,134,553	39,378,691	1,334,425	3,185,302,956	1.53565	3,185,302,956		CY27	0.84092	1,661,774,975	16,617,750	21,212,975	718,843	1,700,324,543	0.82734	1,700,324,543			
40	1.53565	3,185,302,956	31,853,030	39,900,029	1,352,905	3,258,408,919	1.51047	3,258,408,919		CY28	0.82734	1,700,324,543	17,003,245	21,496,364	728,885	1,739,553,037	0.81387	1,739,553,037			
41	1.51047	3,258,408,919	32,584,089	40,423,321	1,369,998	3,332,786,328	1.48553	3,332,786,328		CY29	0.81387	1,739,553,037	17,395,530	21,780,849	738,181	1,779,467,597	0.80052	1,779,467,597			
42	1.48553	3,332,786,328	33,327,863	40,948,476	1,387,485	3,408,450,151	1.46082	3,408,450,151		CY30	0.80052	1,779,467,597	17,794,676	22,066,379	747,690	1,820,076,342	0.78730	1,820,076,342			

# Property Tax Forecast Model

V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	A
April 2020																		
Based on Forecast Council's April 2020 Forecast																		
Source: Economic and Revenue Forecast Council																		
(light blue highlighted columns are ERFC's forecasted values)																		
A/Y	Taxes Due	Change in Implicit Price Deflator	Alternative Increase	Part 1 Market Value	Growth	New Construction	Growth	State-Assessed Properties	Growth	Market Value Growth w/o New Construction or State Assessed	Part 2 Market Value	Part 1 Exemption	Part 2 Exemption	Growth	A/Y	Taxes Due		
CY95	CY96			356,546,032,049		7,249,821,406		10,615,760,706							CY95	CY96		
CY96	CY97			365,924,619,216	1.026	6,292,417,475	0.868	12,104,641,089	1.140	1.004		0	0	#DIV/0!	CY96	CY97		
CY97	CY98	1.90%	1.90%	389,682,352,351	1.065	7,939,760,500	1.262	11,964,948,760	0.988	1.044		0	0	#DIV/0!	CY97	CY98		
CY98	CY99	0.85%	0.85%	419,658,092,242	1.077	9,180,812,354	1.156	11,718,955,643	0.979	1.054		0	0	#DIV/0!	CY98	CY99		
CY99	CY00	1.42%	1.42%	453,578,959,442	1.081	9,541,614,488	1.039	13,009,374,505	1.110	1.055		0	0	#DIV/0!	CY99	CY00		
CY00	CY01	2.61%	2.61%	493,398,018,900	1.088	10,543,448,316	1.105	14,410,683,690	1.108	1.061		0	0	#DIV/0!	CY00	CY01		
CY01	CY02	1.89%	1.00%	532,697,566,656	1.080	10,896,488,680	1.033	15,226,165,361	1.057	1.056		0	0	#DIV/0!	CY01	CY02		
CY02	CY03	1.16%	1.00%	564,037,242,247	1.059	10,725,602,303	0.984	15,613,694,035	1.025	1.038		0	0	#DIV/0!	CY02	CY03		
CY03	CY04	1.84%	1.00%	587,511,644,155	1.042	11,356,370,109	1.059	14,675,721,475	0.940	1.023		0	0	#DIV/0!	CY03	CY04		
CY04	CY05	2.39%	1.00%	625,457,730,793	1.065	12,872,999,622	1.134	15,669,938,714	1.068	1.041		0	0	#DIV/0!	CY04	CY05		
CY05	CY06	2.54%	1.00%	707,729,998,716	1.132	15,392,808,098	1.196	15,501,443,526	0.989	1.107		0	0	#DIV/0!	CY05	CY06		
CY06	CY07	3.42%	1.00%	844,568,943,938	1.193	19,679,880,963	1.279	15,710,064,421	1.013	1.165		0	0	#DIV/0!	CY06	CY07		
CY07	CY08	2.08%	1.00%	973,581,870,988	1.153	20,860,817,667	1.060	16,993,681,458	1.082	1.127		0	0	#DIV/0!	CY07	CY08		
CY08	CY09	4.53%	1.00%	1,036,693,141,227	1.065	20,527,615,711	0.984	17,607,308,672	1.036	1.043		0	0	#DIV/0!	CY08	CY09		
CY09	CY10	-0.85%	1.00%	978,625,908,157	0.944	13,442,723,625	0.655	17,503,811,260	0.994	0.931		0	0	#DIV/0!	CY09	CY10		
CY10	CY11	1.54%	1.00%	903,655,245,796	0.923	9,566,110,182	0.712	18,026,398,887	1.030	0.913		0	0	#DIV/0!	CY10	CY11		
CY11	CY12	2.76%	1.00%	857,711,116,899	0.949	7,871,981,937	0.823	19,315,616,350	1.072	0.939		0	0	#DIV/0!	CY11	CY12		
CY12	CY13	1.30%	1.00%	839,169,914,159	0.978	6,714,269,728	0.853	18,712,035,143	0.969	0.971		0	0	#DIV/0!	CY12	CY13		
CY13	CY14	1.31%	1.00%	878,305,883,619	1.047	9,197,688,622	1.370	18,941,063,725	1.012	1.035		0	0	#DIV/0!	CY13	CY14		
CY14	CY15	1.59%	1.00%	943,960,076,528	1.075	11,216,609,236	1.220	20,330,144,298	1.073	1.060		0	0	#DIV/0!	CY14	CY15		
CY15	CY16	0.25%	1.00%	1,028,730,820,223	1.090	13,655,895,687	1.217	22,108,004,034	1.087	1.073		0	0	#DIV/0!	CY15	CY16		
CY16	CY17	0.95%	1.00%	1,118,147,585,084	1.087	16,129,313,570	1.181	21,664,715,641	0.980	1.072		0	0	#DIV/0!	CY16	CY17		
CY17	CY18	1.55%	1.00%	1,239,180,088,651	1.108	19,286,204,792	1.196	23,014,864,092	1.062	1.090	1,230,545,305,422	0	0	#DIV/0!	CY17	CY18		
CY18	CY19	2.17%	1.00%	1,395,363,237,411	1.126	22,241,609,133	1.153	24,073,846,195	1.046	1.107	1,385,928,274,184	0	0	#DIV/0!	CY18	CY19		
CY19	CY20	1.42%	1.00%	1,531,974,045,408	1.098	23,799,937,073	1.070	24,265,131,402	1.008	1.081	1,522,830,612,578	0	0	#DIV/0!	CY19	CY20		
CY20	CY21	0.49%	1.00%	1,580,217,925,888	1.031	18,943,066,508	0.796	24,823,981,585	1.023	1.019	1,566,004,024,162			#DIV/0!	CY20	CY21		
CY21	CY22	1.75%	1.00%	1,624,915,112,994	1.028	20,048,256,857	1.058	25,288,529,793	1.019	1.015	1,610,549,803,848			#DIV/0!	CY21	CY22		
CY22	CY23	1.89%	1.00%	1,698,894,971,116	1.046	21,097,623,660	1.052	25,976,150,940	1.027	1.032	1,684,132,015,773			#DIV/0!	CY22	CY23		
CY23	CY24	2.25%	1.00%	1,784,086,255,795	1.050	22,191,274,980	1.052	26,729,795,698	1.029	1.037	1,768,764,521,067			#DIV/0!	CY23	CY24		
CY24	CY25	2.00%	1.00%	1,885,356,557,692	1.057	23,328,566,350	1.051	27,599,663,819	1.033	1.043	1,868,005,724,070			#DIV/0!	CY24	CY25		
CY25	CY26	2.00%	1.00%	1,994,463,684,651	1.058	24,491,055,418	1.050	28,496,174,400	1.032	1.044	1,976,129,569,151			#DIV/0!	CY25	CY26		
CY26	CY27	2.12%	1.00%	2,074,242,232,037	1.040	25,225,790,000	1.030	29,351,000,000	1.030	1.027	2,055,174,751,917			#DIV/0!	CY26	CY27		
CY27	CY28	2.09%	1.00%	2,157,211,921,318	1.040	25,982,560,000	1.030	30,232,000,000	1.030	1.027	2,137,381,741,994			#DIV/0!	CY27	CY28		
CY28	CY29	2.06%	1.00%	2,243,500,398,171	1.040	26,762,040,000	1.030	31,139,000,000	1.030	1.027	2,222,877,011,674			#DIV/0!	CY28	CY29		
CY29	CY30	2.02%	1.00%	2,333,240,414,098	1.040	27,564,900,000	1.030	32,073,000,000	1.030	1.027	2,311,792,092,141			#DIV/0!	CY29	CY30		

# Property Tax Forecast Model

51										
52										
53										
54		Previous	Previous							
55	Taxes	Years	Years	Add min of						Rate
56	Due	Tax Rate	Levy Limit	IPD or 1%	New Const	St. Ass.Prop.	Levy Limit	Tax Rate	State Levy	Diff
57	CY96	3.21789	1,064,387,199	63,863,232	23,329,153	481,472	1,152,061,056	3.23117	1,097,698,751	0
58	CY97	3.23708	1,097,698,751	65,861,925	20,369,033	4,819,619	1,188,749,328	3.24862	1,187,560,751	0
59	CY98	3.24537	1,187,560,751	22,563,654	25,767,460	0	1,235,891,865	3.17154	1,235,891,865	0
60	CY99	3.17154	1,235,891,865	10,505,081	29,117,283	0	1,275,514,229	3.03941	1,275,514,229	0
61	CY00	3.03941	1,275,514,229	18,112,302	29,000,906	3,922,116	1,326,549,553	2.92463	1,326,549,553	0
62	CY01	2.92463	1,326,549,553	34,622,943	30,835,660	4,098,308	1,396,106,464	2.82957	1,396,106,464	0
63	CY02	2.82948	1,396,057,620	13,960,576	30,831,348	2,187,104	1,443,036,649	2.70892	1,443,036,649	0
64	CY03	2.70892	1,443,036,649	14,430,366	29,054,830	1,049,785	1,487,571,630	2.63736	1,487,571,630	0
65	CY04	2.63482	1,487,571,630	14,875,716	29,921,980	0	1,532,369,327	2.60824	1,532,369,327	0
66	CY05	2.60824	1,532,369,327	15,323,693	33,575,828	2,603,213	1,583,872,060	2.53234	1,583,872,060	0
67	CY06	2.53234	1,583,872,060	15,838,721	38,979,834	0	1,638,690,615	2.31542	1,638,690,615	0
68	CY07	2.31542	1,638,690,615	16,386,906	45,567,146	483,045	1,701,127,712	2.01420	1,701,127,712	0
69	CY08	2.01420	1,701,127,712	17,011,277	42,017,783	2,588,613	1,762,745,386	1.81058	1,762,745,386	0
70	CY09	1.81058	1,762,745,386	17,627,454	37,166,838	1,157,222	1,818,696,900	1.75433	1,818,696,900	0
71	CY10	1.75365	1,818,696,900	(15,422,550)	23,573,894	0	1,826,848,243	1.86675	1,826,848,243	0
72	CY11	1.86647	1,826,848,243	18,268,482	17,854,845	975,393	1,863,946,965	2.06267	1,863,946,965	0
73	CY12	2.06270	1,863,946,965	18,639,470	16,237,522	2,659,266	1,901,483,223	2.21693	1,901,483,223	0
74	CY13	2.21716	1,901,483,223	19,014,832	14,886,606	0	1,935,384,661	2.30631	1,935,384,661	0
75	CY14	2.30596	1,935,384,661	19,353,847	21,209,545	528,132	1,976,476,185	2.25033	1,976,476,185	0
76	CY15	2.24968	1,976,476,185	19,764,762	25,233,790	3,217,558	2,024,692,295	2.14489	2,024,692,295	0
77	CY16	2.14510	2,024,692,295	5,081,978	29,293,319	3,813,694	2,062,881,285	2.00527	2,062,881,285	0
78	CY17	2.00452	2,062,881,285	19,659,259	32,331,479	0	2,114,872,023	1.89141	2,114,872,023	0
79	CY18	1.89044	2,114,872,023	21,148,720	36,459,424	2,552,375	2,175,032,542	1.75522	2,175,032,542	0
80	CY19	1.75522	2,175,032,542	21,750,325	39,038,897	1,858,746	2,237,680,510	1.75510	2,449,006,034	0.00000
81	CY20	1.75510	2,449,006,034	24,490,060	41,771,338	335,725	2,515,603,157	1.75527	2,689,021,365	0.00000
82	CY21	1.75527	2,689,021,365	13,203,095	33,250,113	980,931	2,736,455,503	1.75522	2,773,628,663	0.00000
83	CY22	1.75522	2,773,628,663	27,736,287	35,189,083	815,384	2,837,369,417	1.74616	2,837,369,417	0.00000
84	CY23	1.74616	2,837,369,417	28,373,694	36,839,926	1,200,700	2,903,783,737	1.70922	2,903,783,737	0.00000
85	CY24	1.70922	2,903,783,737	29,037,837	37,929,751	1,288,144	2,972,039,469	1.66586	2,972,039,469	0.00000
86	CY25	1.66586	2,972,039,469	29,720,395	38,862,146	1,449,079	3,042,071,089	1.61353	3,042,071,089	0.00000
87	CY26	1.61353	3,042,071,089	30,420,711	39,516,945	1,446,543	3,113,455,287	1.56105	3,113,455,287	0.00000
88	CY27	1.56105	3,113,455,287	31,134,553	39,378,691	1,334,425	3,185,302,956	1.53565	3,185,302,956	0.00000
89	CY28	1.53565	3,185,302,956	31,853,030	39,900,029	1,352,905	3,258,408,919	1.51047	3,258,408,919	0.00000
90	CY29	1.51047	3,258,408,919	32,584,089	40,423,321	1,369,998	3,332,786,328	1.48553	3,332,786,328	0.00000
91	CY30	1.48553	3,332,786,328	33,327,863	40,948,476	1,387,485	3,408,450,151	1.46082	3,408,450,151	0.00000
92										

# Property Tax Forecast Model

Revenue Impacts - State & Local Calendar and Fiscal Years									
State Levy - Part 1 and Part 2									
Taxes Due	Rev Impact		Shift		Taxes Due	Rev Impact		Shift	
	Part 1	Part 2	Part 1	Part 2		Part 1	Part 2	Part 1	Part 2
CY20	0	0	0	0	FY20				
CY21	110,965,000	64,001,000	0	0	FY21	59,078,000	34,074,000	0	0
CY22	257,745,000	142,656,000	0	0	FY22	189,111,000	105,877,000	0	0
CY23	418,534,000	228,830,000	0	0	FY23	343,349,000	188,535,000	0	0
CY24	594,487,000	323,143,000	0	0	FY24	512,211,000	279,042,000	0	0
CY25	786,822,000	426,249,000	0	0	FY25	696,886,000	378,037,000	0	0
CY26	996,730,000	538,790,000	0	0	FY26	898,577,000	486,166,000	0	0
CY27	1,225,240,000	661,317,000	0	0	FY27	1,118,389,000	604,023,000	0	0
CY28	1,473,888,000	794,657,000	0	0	FY28	1,357,620,000	732,307,000	0	0
CY29	1,744,146,000	939,601,000	0	0	FY29	1,617,773,000	871,825,000	0	0
CY30	2,037,590,000	1,096,997,000	0	0	FY30	1,900,376,000	1,023,399,000	0	0

Questions?



## Senior Model

Used for changes to the senior, veterans, and disabled persons exemption.

Changes such as;

- Qualifying income thresholds
- Veterans disability ratings
- Percentage property that may be exempt
- Qualifying requirement of survivors, heir, etc.

# Integrated Model

## Used for proposal that involve:

- Homestead Exemptions
- Growth Limit
- Statutory Maximum Rates
- Local Levy Pecking Order

## Used extensively for local levies proposals because it's good at:

- Prorationing
- Forecasting District Values
- Levy Limits
- Forecasting District Levies
- Lid lifts
- Joint Districts
- Road Shifts
- Diverted Road Funds

# Integrated Model Outputs

## Impact by District Type

District	NetImpact1	NetImpact2	NetImpact3	NetImpact4	NetImpact5	NetImpact6	NetImpact7
County	\$ 31,687,000	\$ 55,371,200	\$ 80,470,300	\$ 107,297,400	\$ 135,823,200	\$ 166,205,500	\$ 198,316,700
County Road	\$ 13,337,800	\$ 22,020,900	\$ 31,279,900	\$ 41,103,200	\$ 51,511,000	\$ 62,512,900	\$ 74,093,900
Cities	\$ 36,853,000	\$ 66,822,300	\$ 98,783,400	\$ 132,903,400	\$ 168,922,100	\$ 207,241,800	\$ 247,669,700
Local School	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Libraries	\$ 8,560,100	\$ 15,170,600	\$ 21,999,200	\$ 28,464,100	\$ 34,685,500	\$ 41,458,200	\$ 50,563,400
Hospitals	\$ 1,541,600	\$ 4,021,000	\$ 6,062,800	\$ 8,317,000	\$ 10,824,300	\$ 13,521,800	\$ 16,298,800
Fire Districts	\$ 13,862,000	\$ 26,319,900	\$ 37,411,700	\$ 51,264,900	\$ 66,305,300	\$ 81,959,100	\$ 97,537,900
Park Districts	\$ 4,846,700	\$ 8,869,400	\$ 13,128,700	\$ 17,714,600	\$ 22,457,500	\$ 27,514,100	\$ 32,959,500
Ports	\$ 4,792,800	\$ 8,979,400	\$ 13,435,300	\$ 18,149,300	\$ 23,157,400	\$ 28,515,900	\$ 34,195,600
EMS	\$ 7,314,700	\$ 13,197,300	\$ 19,408,900	\$ 26,020,100	\$ 33,022,700	\$ 40,507,900	\$ 48,368,700
Cemeteries	\$ 53,900	\$ 98,900	\$ 147,600	\$ 198,000	\$ 247,600	\$ 299,600	\$ 297,600
Flood Zones	\$ 2,548,500	\$ 4,746,500	\$ 7,082,000	\$ 9,576,100	\$ 12,229,200	\$ 15,058,600	\$ 18,062,900
Ferry Districts	\$ 159,200	\$ 289,900	\$ 440,700	\$ 594,700	\$ 759,400	\$ 937,000	\$ 1,110,800
Regional Transit	\$ 3,879,300	\$ 7,211,900	\$ 10,776,700	\$ 14,584,500	\$ 18,630,800	\$ 22,943,400	\$ 27,539,300
Other Districts	\$ 77,900	\$ 91,100	\$ 104,900	\$ 119,800	\$ 135,500	\$ 152,800	\$ 169,500
	\$ 129,514,500	\$ 233,210,300	\$ 340,532,100	\$ 456,307,100	\$ 578,711,500	\$ 708,828,600	\$ 847,184,300

# Integrated Model Outputs

## Impact by County

County	NetImpact1	NetImpact2	NetImpact3	NetImpact4	NetImpact5	NetImpact6	NetImpact7
Adams	\$ 290,300	\$ 472,100	\$ 534,900	\$ 532,100	\$ 645,200	\$ 912,500	\$ 1,147,600
Asotin	\$ 224,300	\$ 420,500	\$ 617,700	\$ 814,200	\$ 1,046,200	\$ 1,280,300	\$ 1,535,500
Benton	\$ 1,253,200	\$ 2,360,800	\$ 3,517,400	\$ 4,786,400	\$ 6,134,800	\$ 7,586,200	\$ 9,130,700
Chelan	\$ 1,250,200	\$ 2,332,000	\$ 3,411,100	\$ 4,272,100	\$ 4,964,400	\$ 5,794,400	\$ 7,319,000
Clallam	\$ 1,191,600	\$ 2,214,500	\$ 3,291,300	\$ 4,423,400	\$ 5,609,900	\$ 6,848,800	\$ 8,145,200
Clark	\$ 7,034,900	\$ 13,130,100	\$ 19,670,400	\$ 26,697,000	\$ 34,215,600	\$ 42,244,300	\$ 50,803,200
Columbia	\$ 108,700	\$ 136,800	\$ 275,900	\$ 443,100	\$ 646,000	\$ 829,100	\$ 1,011,400
Cowlitz	\$ 1,061,900	\$ 1,992,400	\$ 2,978,200	\$ 4,020,200	\$ 5,120,600	\$ 6,281,400	\$ 7,503,200
Douglas	\$ 469,400	\$ 866,400	\$ 1,255,100	\$ 1,507,600	\$ 1,622,300	\$ 1,773,800	\$ 2,337,800
Ferry	\$ 1,900	\$ (25,700)	\$ (19,100)	\$ (38,100)	\$ (86,800)	\$ (103,000)	\$ (108,200)
Franklin	\$ 386,400	\$ 803,600	\$ 1,250,900	\$ 1,730,200	\$ 2,240,700	\$ 2,784,100	\$ 3,361,800
Garfield	\$ 53,100	\$ 109,900	\$ 171,000	\$ 237,700	\$ 310,300	\$ 389,800	\$ 476,500
Grant	\$ 940,700	\$ 2,177,800	\$ 3,557,900	\$ 4,638,400	\$ 5,364,000	\$ 6,406,200	\$ 8,205,400
Grays Harbor	\$ (59,600)	\$ 630,800	\$ 583,100	\$ 949,200	\$ 1,308,700	\$ 1,729,900	\$ 1,966,600
Island	\$ 1,295,900	\$ 2,439,000	\$ 3,626,300	\$ 4,914,400	\$ 6,250,900	\$ 7,643,800	\$ 9,159,700
Jefferson	\$ 701,400	\$ 1,334,200	\$ 2,000,300	\$ 2,699,500	\$ 3,433,200	\$ 4,203,000	\$ 5,008,500
King	\$ 65,447,700	\$ 121,571,900	\$ 179,184,700	\$ 242,870,300	\$ 310,929,500	\$ 382,680,700	\$ 457,918,900
Kitsap	\$ 3,730,400	\$ 4,686,800	\$ 5,688,900	\$ 6,740,200	\$ 7,841,100	\$ 8,991,300	\$ 10,193,900
Kittitas	\$ 733,200	\$ 1,428,000	\$ 2,168,700	\$ 2,957,600	\$ 3,796,000	\$ 4,685,200	\$ 5,625,900
Klickitat	\$ 406,700	\$ 743,900	\$ 1,051,800	\$ 1,402,900	\$ 1,602,200	\$ 1,740,500	\$ 2,014,400
Lewis	\$ 1,114,600	\$ 2,086,600	\$ 3,111,700	\$ 4,190,800	\$ 5,326,600	\$ 6,517,500	\$ 7,771,800
Lincoln	\$ 106,700	\$ 207,200	\$ 313,000	\$ 425,900	\$ 546,300	\$ 674,700	\$ 809,600
Mason	\$ 997,000	\$ 1,760,600	\$ 2,554,900	\$ 3,394,700	\$ 4,274,200	\$ 5,200,000	\$ 6,155,800

Questions?

