



Tables Indicating the Basis for Revenue Estimates

ESTIMATES OF GENERAL FUND TAX REVENUE FROM THE MEETING OF SEPTEMBER 6, 2018: FY 2019 TO FY 2025

Line item projections generated by Tax Research & Planning Office to be consistent with the Council's forecast for the total General Fund tax revenues

(in thousands of dollars)

TYPE OF TAX	BASE		ESTIMATED						
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
General Excise and Use Tax	\$3,239,225	\$3,395,566	\$3,508,325	\$3,631,838	\$3,763,982	\$3,894,596	\$4,029,755	\$4,153,629	\$4,302,537
Individual Income Tax	2,192,341	2,491,942	2,608,577	2,691,825	2,806,334	2,928,552	3,060,118	3,196,549	3,344,254
Corporate Income Tax	76,761	69,012	106,089	121,854	128,056	139,808	150,069	155,970	153,637
Public Service Company Tax	122,159	117,641	122,183	126,635	131,272	135,938	140,524	145,264	150,165
Tax on Insurance Premiums	164,688	159,814	162,868	166,370	170,740	175,295	180,221	194,507	201,649
Cigarette and Tobacco Tax	82,792	79,914	81,364	83,136	85,701	88,230	91,001	93,837	96,790
Liquor Tax	51,167	51,383	52,498	53,274	54,026	54,718	55,326	55,941	56,565
Tax on Banks and Other Financial Corps.	9,174	13,712	11,384	11,368	10,324	10,295	9,627	23,136	24,764
Inheritance and Estate Tax	18,968	29,351	29,979	30,585	31,206	31,820	32,415	33,022	33,639
Conveyance Tax	49,737	55,803	59,322	63,192	67,733	72,440	77,458	81,866	87,334
Miscellaneous Taxes*	15,845	16,633	16,778	16,777	16,772	16,765	16,760	16,754	16,749
Transient Accommodations Tax	292,357	315,264	376,471	424,418	451,977	478,391	504,648	531,364	561,030
GENERAL FUND TOTAL	\$6,315,215	\$6,796,036	\$7,135,838	\$7,421,272	\$7,718,123	\$8,026,848	\$8,347,922	\$8,681,839	\$9,029,113
GROWTH RATE	2.0%	7.6%	5.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%

* The figures on this line include penalty and interest charges, fees and license charges from various taxes, and allocations to the General Fund from the environmental response, energy and food security tax.

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September 6, 2018

ESTIMATES OF COUNTY SURCHARGE REVENUE^{1/}

FY 2019 - FY 2025

(Dollar Amounts are in Thousands)

	Surcharge Rate	Actual FY 2018	Estimated GET Collections Based on the Most Recent COR Forecast ^{1/}							
			FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
County Surcharge Collection										
Honolulu County Surcharge Collection ^{2/}	0.50%	\$ 281,589	\$ 292,853	\$ 303,103	\$ 314,015	\$ 324,692	\$ 335,732	\$ 346,140	\$ 358,601	
Hawaii County Surcharge Collection ^{3/}	0.25%	\$ -	\$ 12,864	\$ 31,953	\$ 19,310	\$ -	\$ -	\$ -	\$ -	
Kauai County Surcharge Collection ^{4/}	0.50%	\$ -	\$ 12,404	\$ 30,810	\$ 31,920	\$ 33,005	\$ 34,127	\$ 35,185	\$ 36,452	
Total County Surcharge Collections		\$ 281,589	\$ 318,120	\$ 365,867	\$ 365,245	\$ 357,697	\$ 369,859	\$ 381,325	\$ 395,053	
State Share of County Surcharge		1%	1%	1%	1%	1%	1%	1%	1%	
Allocation to the State		\$ 2,816	\$ 3,181	\$ 3,659	\$ 3,652	\$ 3,577	\$ 3,699	\$ 3,813	\$ 3,951	
Net County Surcharge Collections		\$ 278,773	\$ 314,939	\$ 362,208	\$ 361,593	\$ 354,120	\$ 366,160	\$ 377,512	\$ 391,102	

Notes:

^{1/} Estimates for FY 2019 through FY 2025 are based on the Council's forecasts from the meeting held on September 6, 2018.

^{2/} The county surcharge is effective from January 1, 2007 to December 31, 2030.

^{3/} The county surcharge is effective from January 1, 2019 to December 31, 2020.

^{4/} The county surcharge is effective from January 1, 2019 to December 31, 2030.



State Receipt and Revenue Plans

MULTI-YEAR FINANCIAL SUMMARY
TOTAL EXPENDITURES AND REVENUES
FISCAL YEARS 18 - 25
(in millions of dollars)

	Actual/Est* FY 18	Estimated FY 19	Estimated FY 20	Estimated FY 21	Estimated FY 22	Estimated FY 23	Estimated FY 24	Estimated FY 25
REVENUES:								
Executive Branch:								
Tax Revenues	7,624.6	8,149.0	8,453.6	8,765.3	9,088.5	9,424.4	9,772.5	10,136.4
Nontax Revenues	5,914.3	5,285.7	5,191.5	5,265.5	5,346.6	5,489.8	5,540.1	5,539.7
Federal Funds	3,060.0	2,928.6	2,875.5	2,861.8	2,857.0	2,859.4	2,861.8	2,867.2
Judicial Branch Revenues	44.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2
OHA Revenues	40.4	44.3	46.0	47.2	47.3	47.3	47.3	47.3
Other	-	15.4	(15.6)	(25.5)	(30.1)	(34.7)	(39.3)	(44.0)
Bond Receipts	752.3	1,605.1	1,501.6	1,522.0	1,776.0	736.0	906.0	686.0
TOTAL REVENUES	17,436.2	18,072.3	18,096.9	18,480.4	19,129.5	18,566.5	19,132.7	19,276.8
EXPENDITURES:								
Executive Branch:								
Operating	13,250.7	14,438.0	15,292.2	15,469.8	15,645.4	15,884.9	16,136.6	16,332.7
Capital Investment	2,053.53	2,894.68	2,843.69	2,618.96	1,135.40	316.20	127.22	74.45
Other	441.5	295.8	193.4	239.3	254.9	254.9	254.9	254.9
Sub-total	15,745.8	17,628.5	18,329.3	18,328.1	17,035.7	16,456.0	16,518.7	16,662.1
Legislative Branch	42.0	42.0	41.6	41.6	41.6	41.6	41.6	41.6
Judicial Branch	176.3	183.1	185.2	186.2	186.2	186.2	186.2	186.2
OHA	41.2	46.2	47.8	48.3	49.1	49.1	49.1	49.1
Lapses	(107.8)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)
TOTAL EXPENDITURES	15,897.5	17,819.7	18,523.9	18,524.1	17,232.7	16,653.0	16,715.7	16,859.0
REVENUES OVER EXPEND.	1,538.7	252.6	(427.0)	(43.7)	1,896.8	1,913.5	2,417.0	2,417.8
CARRY-OVER BALANCE (DEFICIT)								
Beginning	10,168.5	11,707.2	11,959.8	11,532.7	11,489.0	13,385.9	15,299.4	17,716.4
Ending	11,707.2	11,959.8	11,532.7	11,489.0	13,385.9	15,299.4	17,716.4	20,134.2

* unaudited, preliminary revenues

Note: Due to rounding, details may not add to totals

MULTI-YEAR FINANCIAL SUMMARY
GENERAL FUND
FISCAL YEARS 18-25
(in millions of dollars)

	<u>Actual*</u> <u>FY 18</u>	<u>Estimated</u> <u>FY 19</u>	<u>Estimated</u> <u>FY 20</u>	<u>Estimated</u> <u>FY 21</u>	<u>Estimated</u> <u>FY 22</u>	<u>Estimated</u> <u>FY 23</u>	<u>Estimated</u> <u>FY 24</u>	<u>Estimated</u> <u>FY 25</u>
REVENUES:								
Executive Branch:								
Tax revenues	6,795.5	7,135.8	7,421.3	7,718.1	8,026.8	8,347.9	8,681.8	9,029.1
Nontax revenues	830.5	652.9	695.8	722.4	733.9	754.3	755.3	755.2
Judicial Branch revenues	34.5	33.0	33.0	33.0	33.0	33.0	33.0	33.0
Other revenues	0.0	15.3	(15.6)	(25.5)	(30.1)	(34.7)	(39.3)	(44.0)
TOTAL REVENUES	7,660.4	7,837.1	8,134.5	8,448.0	8,763.7	9,100.6	9,430.9	9,773.3
EXPENDITURES								
Executive Branch:								
Operating	7,248.5	7,512.2	7,864.0	8,066.2	8,232.3	8,392.4	8,555.6	8,691.6
CIP	10.5	-	-	-	-	-	-	-
Specific appropriation/CB	441.5	290.8	188.4	234.3	249.9	249.9	249.9	249.9
Other expenditures/adjustments	0.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Sub-total - Exec Branch	7,700.5	7,808.0	8,057.4	8,305.5	8,487.2	8,647.2	8,810.5	8,946.5
Legislative Branch	42.0	42.0	41.6	41.6	41.6	41.6	41.6	41.6
Judicial Branch	165.7	170.3	172.4	173.4	173.4	173.4	173.4	173.4
OHA	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0
Counties	0.6	0.6	-	-	-	-	-	-
Lapses	(107.8)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)
TOTAL EXPENDITURES	7,803.9	7,943.9	8,195.4	8,444.5	8,626.2	8,786.3	8,949.5	9,085.5
REV. OVER (UNDER) EXPEND.	(143.5)	(106.8)	(60.9)	3.5	137.5	314.4	481.3	687.8
CARRY-OVER BALANCE (DEFICIT)								
Beginning	893.8	750.3	643.5	582.6	586.1	723.5	1,037.9	1,519.3
Ending	750.3	643.5	582.6	586.1	723.5	1,037.9	1,519.3	2,207.0
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If FY19 tax revenues are 3.5%	0.0	(101.9)	(106.0)	(110.3)	(114.7)	(119.3)	(124.0)	(129.0)
REV. OVER (UNDER) EXPEND.	(143.5)	(208.7)	(166.9)	(106.8)	22.8	195.1	357.3	558.8
CARRY-OVER BALANCE (DEFICIT)								
Beginning	828.1	750.3	541.6	374.6	267.8	290.7	485.8	843.1
Ending	750.3	541.6	374.6	267.8	290.7	485.8	843.1	1,401.9
<i>EBRF (add'l \$58.7 M in FY18)</i>	375.7	384.2	392.7	401.2	409.7	418.2	426.8	435.3
<i>EBRF fund balance as % of prior yr revenues</i>	5.11%	5.02%	5.01%	4.93%	4.85%	4.77%	4.69%	4.62%

* unaudited

Note: Due to rounding, details may not add to totals.

**SUMMARY STATEMENT OF GENERAL FUND
EXPENDITURE CEILING AND APPROPRIATIONS**

A. Total State Personal Income and State Growth

Total State Personal Income (in \$ millions)	
Calendar Year 2014	66,899
Calendar Year 2015	70,323
Calendar Year 2016	72,650
Calendar Year 2017	75,355
Calendar Year 2018*	77,842
Calendar Year 2019*	80,411
* As estimated by the Council on Revenues Nov. 2018	
State Growth	
Fiscal Year 2019	4.05%
Fiscal Year 2020	3.44%
Fiscal Year 2021	3.44%

B. All Branches of Government

General Fund Appropriations	
Fiscal Year 2018 (incl proposed)	7,911,704,985
Fiscal Year 2019 (incl proposed)	8,023,995,963
Fiscal Year 2020 (incl proposed)	8,275,167,525
Fiscal Year 2021 (incl proposed)	8,519,635,237
General Fund Expenditure Ceiling	
Fiscal Year 2019	8,962,245,278
Fiscal Year 2020	9,270,903,032
Fiscal Year 2021	9,589,928,073

C. Executive Branch

Recommended General Fund Appropriations	
Fiscal Year 2020	8,057,100,833
Fiscal Year 2021	8,300,599,850
Actual General Fund Appropriations	
Fiscal Year 2018	7,700,439,293
Fiscal Year 2019	7,799,150,377
Proposed add'l appropriations	8,789,692
	7,807,940,069
General Fund Appropriation Ceiling	
Fiscal Year 2019	8,012,307,020
Fiscal Year 2020	8,076,843,805
Fiscal Year 2021	8,334,357,204

MULTI-YEAR FINANCIAL SUMMARY
 FUND BALANCES OF SPECIAL FUNDS
 FISCAL YEARS 18 - 25
 (in millions of dollars)

	Actual* FY 18	Estimated FY 19	Estimated FY 20	Estimated FY 21	Estimated FY 22	Estimated FY 23	Estimated FY 24	Estimated FY 25
Transportation:								
Administration **	15.9	6.0	(5.8)	(17.6)	(29.5)	(41.4)	(53.3)	(65.2)
Airports	1,130.3	993.2	978.0	919.4	965.0	1,036.0	1,126.4	1,242.8
Harbors	366.6	397.3	441.7	493.2	547.7	608.4	668.8	734.0
Highways **	293.5	72.3	(115.3)	(284.4)	(321.3)	(252.2)	(164.0)	(73.2)
Agriculture **	26.7	21.0	15.3	9.6	3.9	(1.8)	(7.5)	(13.1)
Business, Econ. Dev. & Tourism **	100.5	5.6	(146.4)	(297.7)	(448.6)	(599.3)	(749.8)	(900.2)
Commerce & Consumer Affairs	100.4	97.8	88.7	78.9	72.5	65.5	59.5	52.4
Education **	56.1	18.1	(20.8)	(42.8)	(64.8)	(86.8)	(108.9)	(130.9)
Health**	209.0	168.1	125.1	80.6	36.9	(6.7)	(50.7)	(94.7)
HHSC **	64.3	(150.2)	(386.5)	(624.2)	(861.9)	(1,099.5)	(1,337.2)	(1,574.8)
Labor & Industrial Relations	12.9	15.4	20.8	26.3	31.7	37.0	42.5	47.9
Land and Natural Resources	103.6	87.2	70.7	54.4	40.0	27.7	16.2	4.6
University of Hawaii**	76.3	16.6	(44.6)	(102.0)	(159.5)	(219.5)	(279.1)	(338.8)
Others	609.8	1,043.4	1,124.3	1,205.5	1,286.2	1,368.3	1,450.5	1,532.6
TOTAL	3,165.7	2,791.9	2,145.0	1,499.1	1,098.3	835.7	613.4	423.5

* unaudited

** Revenue and expenditure projections will be reviewed.

Note: Due to rounding, details may not add to totals

MULTI-YEAR FINANCIAL SUMMARY
SPECIAL FUNDS
FISCAL YEARS 18 - 25
(in millions of dollars)

	Actual* <u>FY 18</u>	Estimated <u>FY 19</u>	Estimated <u>FY 20</u>	Estimated <u>FY 21</u>	Estimated <u>FY 22</u>	Estimated <u>FY 23</u>	Estimated <u>FY 24</u>	Estimated <u>FY 25</u>
REVENUES:								
Executive Branch:								
Tax Revenues	611.4	803.9	818.0	832.8	847.3	862.1	876.4	892.9
Nontax Revenues	2,357.2	2,008.5	2,034.3	2,072.8	2,109.7	2,139.8	2,168.7	2,172.1
Federal Funds	166.4	264.2	264.1	251.2	253.9	256.8	259.7	262.6
Judicial Branch Revenues	10.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2
TOTAL REVENUES	3,145.1	3,087.3	3,127.6	3,168.0	3,222.1	3,270.0	3,316.0	3,338.9
EXPENDITURES:								
Executive Branch:								
Operating	2,477.4	2,959.9	3,388.1	3,443.4	3,453.5	3,472.4	3,495.4	3,488.0
Capital Investment	389.0	488.8	374.0	358.0	156.9	47.8	30.4	28.4
Sub-total	2,866.4	3,448.7	3,762.1	3,801.4	3,610.5	3,520.2	3,525.8	3,516.4
Judicial Branch	10.3	12.4	12.5	12.5	12.5	12.5	12.5	12.5
Total Expenditures	2,876.7	3,461.2	3,774.5	3,813.9	3,622.9	3,532.6	3,538.2	3,528.8
REVENUES OVER EXPEND.	268.4	(373.8)	(646.9)	(645.9)	(400.8)	(262.7)	(222.3)	(189.9)
CARRY-OVER BALANCE (DEFICIT)								
Beginning	2,897.3	3,165.7	2,791.9	2,145.0	1,499.1	1,098.3	835.7	613.4
Ending	3,165.7	2,791.9	2,145.0	1,499.1	1,098.3	835.7	613.4	423.5

* unaudited

Note: Due to rounding, details may not add to totals

GENERAL FUND
MULTI-YEAR REVENUES FROM SOURCES OTHER THAN TAXES
FISCAL YEARS 18 - 25
(in thousands of dollars)

<u>Source</u>	Actual* <u>FY 18</u>	Estimated <u>FY 19</u>	Estimated <u>FY 20</u>	Estimated <u>FY 21</u>	Estimated <u>FY 22</u>	Estimated <u>FY 23</u>	Estimated <u>FY 24</u>	Estimated <u>FY 25</u>
Licenses & Permits	1,074	1,030	1,030	1,030	1,030	1,030	1,030	1,030
Revenues From Use of Money and Property	25,481	15,085	12,924	12,769	12,592	12,406	12,212	12,009
Federal	12,948	12,245	11,848	11,415	11,365	11,365	11,365	11,365
Other Agencies	2,951	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Charges for Current Services	499,122	402,832	412,184	417,977	424,432	432,874	433,832	433,800
Fines, Forfeits & Penalties	2,689	2,066	2,036	2,066	2,036	2,066	2,036	2,036
Repaymnt of Loans & Advances	34,885	4,145	4,303	4,472	4,650	4,839	5,031	5,193
Other Revenues	251,304	212,540	248,524	269,641	274,841	286,768	286,768	286,768
Sub-total	830,454	652,944	695,849	722,370	733,946	754,348	755,274	755,201
Judicial Branch Revenues	34,463	34,466	34,466	34,466	34,466	34,466	34,466	34,466
TOTAL	864,916	687,411	730,315	756,836	768,412	788,814	789,740	789,667

* unaudited

Note: Due to rounding, details may not add to totals

SPECIAL REVENUE FUNDS
MULTI-YEAR REVENUES FROM TAXES
FISCAL YEARS 18 - 25
(in thousands of dollars)

<u>Source</u>	<u>Actual*</u> <u>FY 18</u>	<u>Estimated</u> <u>FY 19</u>	<u>Estimated</u> <u>FY 20</u>	<u>Estimated</u> <u>FY 21</u>	<u>Estimated</u> <u>FY 22</u>	<u>Estimated</u> <u>FY 23</u>	<u>Estimated</u> <u>FY 24</u>	<u>Estimated</u> <u>FY 25</u>
Mass Transit (GET)	133,499	289,924	300,072	310,875	321,445	332,375	342,679	355,015
Transfer of Tobacco Tax	40,473	40,808	40,665	40,522	40,382	40,242	40,052	40,052
Liquid Fuel:								
Highway	83,489	83,905	84,323	84,743	85,166	85,590	86,017	86,446
Aviation	2,632	2,156	2,156	2,156	2,156	2,156	2,156	2,156
Small Boats	1,722	1,600	1,600	1,600	1,600	1,600	1,600	1,600
Sub-total	87,842	87,661	88,079	88,499	88,922	89,346	89,773	90,202
Transfer of Trans. Accom. Tax	136,626	172,556	175,372	178,200	180,915	183,613	186,350	189,168
Motor Vehicle Weight Tax	83,145	83,561	83,979	84,399	84,821	85,245	85,671	86,099
Vehicle Registration Fee Tax	51,934	52,165	52,397	52,630	52,863	53,099	53,335	53,573
Vehicle Surcharge:								
Rental/Tour Vehicles	54,844	55,118	55,394	55,671	55,949	56,229	56,510	56,793
Environmental Response Tax	11,613	10,983	10,883	10,883	10,883	10,883	10,883	10,883
Unemployment Comp. Tax S.F.								
Unemployment Comp. Tax T.F.	178,232	178,000	183,000	183,000	183,000	183,000	183,000	183,000
Employment and Training	1,371	1,349	1,349	1,349	1,349	1,349	1,349	1,349
Election Campaign Contrib. T.F.	195	173	195	173	195	173	195	195
Transfer of Banks & fin. Corp. Tax	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Transfer of Conveyance Tax	44,800	36,800	36,800	36,800	36,800	36,800	36,800	36,800
Transfer of Ins. Premium Tax	2,504	2,150	2,150	2,150	2,150	2,150	2,150	2,150
TOTAL	829,079	1,013,248	1,032,335	1,047,151	1,061,674	1,076,504	1,090,747	1,107,279

* unaudited

Note: Due to rounding, details may not add to totals

SPECIAL FUNDS
MULTI-YEAR REVENUES FROM SOURCES OTHER THAN TAXES
FISCAL YEARS 18 - 25
(in thousands of dollars)

<u>Source</u>	<u>Actual*</u> <u>FY 18</u>	<u>Estimated</u> <u>FY 19</u>	<u>Estimated</u> <u>FY 20</u>	<u>Estimated</u> <u>FY 21</u>	<u>Estimated</u> <u>FY 22</u>	<u>Estimated</u> <u>FY 23</u>	<u>Estimated</u> <u>FY 24</u>	<u>Estimated</u> <u>FY 25</u>
Licenses & Permits	29,900	27,657	28,901	28,027	29,023	28,534	29,339	28,332
Revenues From Use of Money and Property	69,618	87,900	88,917	89,367	90,049	90,482	90,941	91,006
Federal	166,399	264,158	264,120	251,152	253,927	256,765	259,667	262,633
Other Agencies	169,790	103,610	102,895	102,570	102,870	102,885	102,470	102,470
Charges for Current Services:								
Utilities & Other Enterprises	691,013	689,326	717,613	749,858	782,900	811,480	837,255	840,583
Others	710,054	1,023,492	1,018,975	1,025,369	1,027,036	1,028,463	1,030,597	1,031,496
Fines, Forfeits & Penalties	10,492	10,924	10,953	10,882	10,910	10,940	10,969	10,998
Non-Revenue Receipts	676,317	65,585	66,075	66,747	66,899	67,042	67,151	67,262
Judicial Branch Revenues	10,115	11,221	11,221	11,221	11,221	11,221	11,221	11,221
TOTAL	2,533,697	2,283,874	2,309,670	2,335,193	2,374,835	2,407,812	2,439,610	2,446,001

* unaudited

Note: Due to rounding, details may not add to totals

SPECIAL REVENUE FUNDS - OTHER THAN SPECIAL FUNDS
MULTI-YEAR REVENUES FROM SOURCES OTHER THAN TAXES
FISCAL YEARS 18 - 25
(in thousands of dollars)

<u>Source</u>	Estimated* <u>FY 18</u>	Estimated <u>FY 19</u>	Estimated <u>FY 20</u>	Estimated <u>FY 21</u>	Estimated <u>FY 22</u>	Estimated <u>FY 23</u>	Estimated <u>FY 24</u>	Estimated <u>FY 25</u>
Licenses & Permits	1,097	1,057	1,057	1,057	1,057	1,057	1,057	1,057
Revenues From Use of Money and Property	215,582	254,814	305,298	358,688	415,147	473,980	537,104	545,324
Federal	2,880,725	2,652,224	2,599,557	2,599,197	2,591,701	2,591,194	2,590,694	2,593,194
Federal - American Recovery & Reinvestment Act	-	-	-	-	-	-	-	-
Other Agencies	33,717	31,249	31,249	31,249	31,249	31,249	31,249	31,249
Charges for Current Services	332,370	178,515	174,153	174,563	174,252	174,031	173,804	173,859
Fines, Forfeits & Penalties	1,512	1,948	1,948	1,948	1,948	1,948	1,948	1,948
Repayment of Loans & Advances	122,112	79,455	59,914	77,334	68,691	113,731	85,148	85,163
Non-Revenue Receipts	2,033,225	2,089,444	1,899,548	1,836,826	1,821,968	1,811,021	1,797,201	1,785,115
Judiciary Revenues								
OHA Revenues	40,404	44,284	45,956	47,210	47,260	47,260	47,260	47,260
TOTAL	5,660,744	5,332,990	5,118,680	5,128,072	5,153,273	5,245,471	5,265,465	5,264,169

* unaudited, preliminary

Note: Due to rounding, details may not add to totals

**SCHEDULE OF PROJECTED DEBT SERVICE CHARGES FOR GENERAL OBLIGATION BONDS
ISSUED AND TO BE ISSUED BY JUNE 30, 2025**

(IN THOUSANDS)

Fiscal Year	Debt Service On Bonds Outstanding			Debt Service On Bonds To Be Issued Through June 30, 2025			Total Estimated Debt Service		
	Direct From General Fund	Reimbursable Debt Service	Total	Direct From General Fund	Reimbursable Debt Service	Total	Direct From General Fund	Reimbursable Debt Service	Total
2018-2019	773,980	6,522	780,502	0	0	0	773,980	6,522	780,502
2019-2020	785,624	6,519	792,143	70,195	530	70,725	855,819	7,049	862,868
2020-2021	721,343	6,519	727,862	128,405	970	129,375	849,748	7,489	857,237
2021-2022	706,126	6,519	712,645	220,548	1,667	222,215	926,674	8,186	934,860
2022-2023	687,790	6,522	694,312	305,696	2,310	308,006	993,486	8,832	1,002,318
2023-2024	673,919	6,522	680,441	376,099	2,842	378,941	1,050,018	9,364	1,059,382
2024-2025	634,468	6,523	640,991	442,690	3,345	446,035	1,077,158	9,868	1,087,026

Schedule of General Obligation Bond Sales:

Fiscal Year 2018-2019

First Half \$0

Second Half \$980,000,000

Fiscal Year 2019-2020

First Half \$500,000,000

Maturities of Bonds to be issued:

20 year serial bonds with principal repayment beginning the third year.

Method of Retirement:

Maturing in substantial equal installment of debt service (principal and interest)

Assumed Interest Rate: 5.75%

Projected Reimbursable Debt Service:

Assumed average of reimbursable debt service to total debt service at .75%

TENTATIVE SCHEDULE BY QUARTER AND FISCAL YEAR
OF THE AMOUNT OF GENERAL OBLIGATION BONDS
TO BE ISSUED FROM FISCAL YEAR 2019 TO FISCAL YEAR 2025

GENERAL OBLIGATION BONDS

<u>FY</u>	<u>Quarter</u>	<u>Description</u>	<u>Amount</u>	<u>Total</u>
Actual:				
FY 2017-2018	Second	GO Refunding Bonds of 2017 Series FQ (\$2.790M), FR (\$15.090M), & FS (\$275.363M)	\$ 293,243,064	
FY 2017-2018	Third	GO 2018 Series FT (\$631.2M), FU (\$50M taxable), & FV (\$93.8M taxable)	<u>\$ 775,000,000</u>	<u>\$ 1,068,243,064</u>
Total General Obligation Bonds - Actual				<u><u>\$ 1,068,243,064</u></u>
Projected New Money:				
FY 2018-2019	Third		<u>\$ 980,000,000</u>	\$ 980,000,000
FY 2019-2020	Second Fourth		<u>\$ 500,000,000</u> <u>520,000,000</u>	\$ 1,020,000,000
FY 2020-2021	Second Fourth		<u>\$ 500,000,000</u> <u>550,000,000</u>	\$ 1,050,000,000
FY 2021-2022	Second Fourth		<u>\$ 500,000,000</u> <u>500,000,000</u>	\$ 1,000,000,000
FY 2022-2023	Second Fourth		<u>\$ 325,000,000</u> <u>325,000,000</u>	\$ 650,000,000
FY 2023-2024	Second Fourth		<u>\$ 300,000,000</u> <u>300,000,000</u>	\$ 600,000,000
FY 2024-2025	Second Fourth		<u>\$ 300,000,000</u> <u>300,000,000</u>	\$ 600,000,000
Total General Obligation Bonds-Projected New Money				<u><u>\$ 5,900,000,000</u></u>

TENTATIVE SCHEDULE BY QUARTER AND FISCAL YEAR
OF THE AMOUNT OF REVENUE BONDS
TO BE ISSUED FROM FISCAL YEAR 2019 TO FISCAL YEAR 2025

REVENUE BONDS

<u>FY</u>	<u>Quarter</u>	<u>Description</u>	<u>Amount</u>	<u>Total</u>
Actual:				
FY 2017-2018	Second	University of Hawaii Series 2017A (\$3.990M), B (\$12.040M), C (\$4.110M), D (\$13.185M), E (\$4.450M), F (\$52.275M) & G (\$20.745M)	\$ 110,795,000	
	Fourth	Hawaii Housing Finance & Development Corporation - Nohona Hale Series 2018A (\$19.3M) & B (\$6.2M)	25,500,000	\$ 136,295,000
FY 2018-2019	First	Hawaii Housing Finance & Development Corporation - Keahumoa Phase 1	\$ 13,400,000	
	First	Hawaii Housing Finance & Development Corporation - Kulana Hale at Kapolei	43,291,103	
	First	DOT - Airports System Revenue Bonds Series Series 2018A (\$388.560M) & B (\$26.125M)	414,685,000	
	First	Hawaii Housing Finance & Development Corporation - Kaiwahine Village Phase I	17,500,000	
	First	Hawaii Housing Finance & Development Corporation - Kaiwahine Village Phase II	15,680,000	
	Second	Hawaii Housing Finance & Development Corporation - Kukui Tower	28,467,000	
	Second	Hawaii Housing Finance & Development Corporation - Kenolio Apartments	50,000,000	
	Second	Hawaii Housing Finance & Development Corporation - Kahului Lani I	19,689,902	\$ 602,713,005
Total Revenue Bonds - Actual				<u>\$ 739,008,005</u>
Projected New Money:				
FY 2018-2019	Third	Hawaii Health Systems Corporation	\$ 10,900,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	24,500,000	
	Fourth	DOT - Airports	226,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	57,250,000	\$ 318,650,000
FY 2019-2020	First	DOT - Highways	\$ 80,000,000	
	First	Hawaii Health Systems Corporation	9,900,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	17,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	36,348,000	
	Third	DOT - Harbors	250,000,000	
	Third	Hawaii Health Systems Corporation	500,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	22,900,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	University of Hawaii	40,000,000	\$ 536,648,000
FY 2020-2021	First	DOT - Airports	\$ 386,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Third	Hawaii Health Systems Corporation	500,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Health Systems Corporation	500,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	\$ 527,000,000
FY 2021-2022	First	DOT - Airports	\$ 375,000,000	
	First	DOT - Highways	80,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Third	DOT - Harbors	225,000,000	
	Third	Hawaii Health Systems Corporation	500,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Health Systems Corporation	500,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	University of Hawaii	10,000,000	\$ 831,000,000
FY 2022-2023	First	Hawaii Housing Finance & Development Corp. - Multi-Family	\$ 20,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Third	Hawaii Health Systems Corporation	500,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Health Systems Corporation	500,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	\$ 141,000,000
FY 2023-2024	First	DOT - Highways	\$ 80,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Third	DOT - Harbors	140,000,000	
	Third	Hawaii Health Systems Corporation	500,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Health Systems Corporation	500,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	\$ 361,000,000
FY 2024-2025	First	Hawaii Housing Finance & Development Corp. - Multi-Family	\$ 20,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Third	Hawaii Health Systems Corporation	500,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Health Systems Corporation	500,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	\$ 141,000,000
Total Revenue Bonds - Projected New Money				<u>\$ 2,856,298,000</u>

TENTATIVE SCHEDULE BY QUARTER AND FISCAL YEAR
OF THE AMOUNT OF NEW MONEY GENERAL OBLIGATION BONDS
AND REVENUE BONDS TO BE ISSUED IN THE FISCAL BIENNIUM

<u>GENERAL OBLIGATION BONDS</u>		<u>AMOUNT</u>	<u>TOTAL</u>
FY 2019-2020			
Quarters	Second	\$ 500,000,000	
	Fourth	520,000,000	\$ 1,020,000,000
FY 2020-2021			
Quarters	Second	\$ 500,000,000	
	Fourth	<u>550,000,000</u>	<u>\$ 1,050,000,000</u>
TOTAL GENERAL OBLIGATION BONDS			<u><u>\$ 2,070,000,000</u></u>

REVENUE BONDS

FY 2019-2020			
Quarters	First	DOT - Highways	\$ 80,000,000
	First	Hawaii Health Systems Corporation	9,900,000
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	17,000,000
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	36,348,000
	Third	DOT - Harbors	250,000,000
	Third	Hawaii Health Systems Corporation	500,000
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	22,900,000
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000
	Fourth	University of Hawaii	<u>40,000,000</u>
			\$ 536,648,000
FY 2020-2021			
Quarters	First	DOT - Airports	\$ 386,000,000
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000
	Third	Hawaii Health Systems Corporation	500,000
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000
	Fourth	Hawaii Health Systems Corporation	500,000
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	<u>20,000,000</u>
			\$ 527,000,000

TOTAL REVENUE BONDS \$ 1,063,648,000

DECLARATION OF FINDINGS

Pursuant to Section 37-71(d)(6) of the Hawaii Revised Statutes, the Director of Finance finds and declares that with respect to the proposed capital improvement appropriations for the budget period 2019-2021 for which the source of funding is general obligation bonds:

(1) Limitation on general obligation debt. Article VII, Section 13, of the State Constitution, states in part: "General obligation bonds may be issued by the State; provided that such bonds at the time of issuance would not cause the total amount of principal and interest payable in the current or any future fiscal year, whichever is higher, on such bonds and on all outstanding general obligation bonds to exceed ... a sum equal to eighteen and one-half percent of the average of the general fund revenues of the State in the three fiscal years immediately preceding such issuance." Article VII, Section 13, also provides that in determining the power of the State to issue general obligation bonds, certain bonds are excludable, including "reimbursable general obligation bonds issued for a public undertaking, improvement or system but only to the extent that reimbursements to the general fund are in fact made from the net revenue, or net user tax receipts, or combination of both, as determined for the immediately preceding fiscal year."

(2) Actual and estimated debt limits. The limit on principal and interest of general obligation bonds issued by the State, actual for fiscal year 2018-2019 and estimated for each fiscal year from fiscal year 2019-2020 to 2022-2023, is as follows:

<u>Fiscal Year</u>	<u>Net General Fund Revenues</u>	<u>Debt Limit</u>
2015-2016	7,075,981,186	
2016-2017	7,346,008,625	
2017-2018	7,656,001,540	
2018-2019	7,815,884,000	1,361,476,133
2019-2020	8,144,226,000	1,407,103,474
2020-2021	8,467,597,000	1,456,326,878
2021-2022	8,787,899,000	1,506,375,265
2022-2023	(not applicable)	1,566,316,190

For fiscal years 2018-2019, 2019-2020, 2020-2021, 2021-2022 and 2022-2023 respectively, the debt limit is derived by multiplying the average of the net general fund revenues for the three preceding fiscal years by eighteen and one-half percent. The net general fund revenues for fiscal years 2015-2016, 2016-2017 and 2017-2018 are actual, as certified by the Director of Finance in the Statement of the Debt Limit of the State of Hawaii as of July 1, 2018, dated November 8, 2018. The net general fund revenues for fiscal years 2018-2019 to 2021-2022 are estimates, based on general fund revenue estimates made as of September 6, 2018, by the Council On Revenues, the body assigned by Article VII, Section 7, of the State Constitution to make such estimates, and based on estimates made by the Department of Budget and Finance of those receipts which cannot be included as general fund revenues for the purpose of calculating the debt limit, all of which estimates the Director of Finance finds to be reasonable.

(3) Principal and interest on outstanding bonds applicable to the debt limit. In determining the power of the State to issue general obligation bonds for the fiscal years 2018-2019 to 2037-2038, the total amounts of principal and interest on outstanding general obligation bonds are as follows:

Fiscal Year Ending June 30	Gross			Excludable			Net Debt Service		
	Principal Payable	Interest Payable	Debt Service Payable	Principal Payable	Interest Payable	Debt Service Payable	Principal Payable	Interest Payable	Debt Service Payable
2019	470,785,000	309,716,552	780,501,552	3,762,919	2,152,958	5,915,877	467,022,081	307,563,594	774,585,675
2020	500,735,000	291,407,713	792,142,713	3,906,771	2,005,180	5,911,951	496,828,229	289,402,533	786,230,762
2021	457,865,000	269,997,498	727,862,498	4,060,903	1,851,380	5,912,283	453,804,097	268,146,118	721,950,215
2022	462,745,000	249,900,420	712,645,420	4,222,554	1,688,753	5,911,307	458,522,446	248,211,667	706,734,113
2023	465,320,636	228,991,746	694,312,382	4,395,654	1,518,993	5,914,647	460,924,982	227,472,753	688,397,735
2024	472,859,123	207,582,056	680,441,179	4,570,218	1,341,728	5,911,946	468,288,905	206,240,328	674,529,233
2025	454,955,473	186,035,249	640,990,722	4,756,657	1,156,468	5,913,125	450,198,816	184,878,781	635,077,597
2026	453,200,747	165,012,751	618,213,498	4,949,940	962,877	5,912,817	448,250,807	164,049,874	612,300,681
2027	423,326,178	144,466,621	567,792,799	3,010,535	756,364	3,766,899	420,315,643	143,710,257	564,025,900
2028	415,154,107	124,986,617	540,140,724	2,823,484	647,663	3,471,147	412,330,623	124,338,954	536,669,577
2029	401,019,815	106,125,777	507,145,592	1,985,000	545,069	2,530,069	399,034,815	105,580,708	504,615,523
2030	372,047,126	88,173,806	460,220,932	2,050,000	484,544	2,534,544	369,997,126	87,689,262	457,686,388
2031	342,358,919	71,214,285	413,573,204	2,110,000	420,825	2,530,825	340,248,919	70,793,460	411,042,379
2032	357,137,152	56,391,589	413,528,741	2,180,000	352,431	2,532,431	354,957,152	56,039,158	410,996,310
2033	299,363,856	43,129,469	342,493,325	2,250,000	280,444	2,530,444	297,113,856	42,849,025	339,962,881
2034	269,969,932	31,607,571	301,577,503	2,325,000	206,100	2,531,100	267,644,932	31,401,471	299,046,403
2035	221,600,000	21,506,239	243,106,239	2,405,000	127,734	2,532,734	219,195,000	21,378,505	240,573,505
2036	176,120,000	13,913,852	190,033,852	2,490,000	43,575	2,533,575	173,630,000	13,870,277	187,500,277
2037	125,055,000	7,225,470	132,280,470	0	0	0	125,055,000	7,225,470	132,280,470
2038	52,335,000	2,616,750	54,951,750	0	0	0	52,335,000	2,616,750	54,951,750

Additionally, the outstanding principal amount of bonds constituting instruments of indebtedness in which the State has incurred a contingent liability as a guarantor is \$233,500,000, all or a portion of which pursuant to Article VII, Section 13 of the State Constitution, is excludable in determining the power of the State to issue general obligation bonds.

(4) Amount of authorized and unissued general obligation bonds and proposed bonds. As calculated from the State Comptroller's bond fund report as of October 31, 2018, adjusted for the lapses proposed in THE MULTI-YEAR PROGRAM AND FINANCIAL PLAN AND EXECUTIVE BUDGET FOR THE PERIOD 2019-2025 [Budget Period: 2019-2021] (referred to as the "Budget"), the total amount of authorized and unissued general obligation bonds is \$2,936,369,742. The amount of general obligation bonds proposed in the Budget is \$1,729,724,000 (but does not include capital improvement appropriations to be funded through the issuance of general obligation bonds proposed by the Judiciary). The total amount of general obligation bonds previously authorized and unissued and the general obligation bonds proposed in the Budget is \$4,666,093,742.

(5) Proposed general obligation bond issuance. As reported in the Budget, as it applies to the fiscal period 2018-2019 to 2022-2023, the State proposed to issue \$980,000,000 in general obligation bonds during the second half of fiscal year 2018-2019, \$500,000,000 in general obligation bonds during the first half of fiscal year 2019-2020, and \$520,000,000 in general obligation bonds during the second half of fiscal year 2019-2020, \$500,000,000 in general obligation bonds during the first half of fiscal year 2020-2021, and \$550,000,000 in general obligation bonds during the second half of fiscal year 2020-2021, \$500,000,000 in general obligation bonds during the first half of fiscal year 2021-2022, and \$500,000,000 in general obligation bonds during the second half of fiscal year 2021-2022, and \$325,000,000 in general obligation bonds during the first half of fiscal year 2022-2023, and \$325,000,000 in general obligation bonds during the second half of fiscal year 2022-2023. It is the practice of the State to issue twenty-year serial bonds with principal repayments beginning the third year, payable in substantially equal annual installments of principal and interest payment with interest payments commencing six months from the date of issuance and being paid semi-annually thereafter. It is assumed that this practice will continue to be applied to the bonds which are proposed to be issued.

(6) Sufficiency of proposed general obligation bond issuance to meet the requirements of authorized and unissued bonds and the bonds proposed in the Budget. From the schedule reported in paragraph (5), the total amount of general obligation bonds, which the State proposes to issue during this fiscal year and in fiscal years 2019-2020, 2020-2021, 2021-2022, and 2022-2023, is \$4,700,000,000. The total amount of \$4,700,000,000, which is proposed to be issued through fiscal year 2022-2023 is sufficient to meet the requirements of the previously authorized and unissued bonds and the bonds proposed in the Budget, the total amount of which is \$4,666,093,742, as reported in paragraph (4). Thus, taking the Budget into account the amount of previously authorized and unissued bonds and bonds proposed versus the amount of bonds which is proposed to be issued by June 30, 2023, the Director of Finance finds that in the aggregate, the amount of bonds is sufficient to meet these requirements.

(7) Bonds excludable in determining the power of the State to issue bonds. As noted in paragraph (1), certain bonds are excludable in determining the power of the State to issue general obligation bonds. (A) General obligation reimbursable bonds can be excluded under certain conditions. It is not possible to make a conclusive determination as to the amount of reimbursable bonds which are excludable from the amount of each proposed bond issuance because:

(i) It is not known exactly when projects for which reimbursable bonds have been authorized in prior acts and in the Budget, will be implemented and will require the application of proceeds from a particular bond issue; and

(ii) Not all reimbursable general obligation bonds may qualify for exclusion.

However, the Director of Finance notes that with respect to the principal and interest on outstanding general obligation bonds, as reported in Section 3 herein, the average proportion of principal and interest which is excludable each year from calculation against the debt limit is 0.82 percent for approximately ten years from fiscal year 2018-2019 to fiscal year 2027-2028. For the purpose of this declaration, the assumption is made that 0.75 percent of each bond issue will be excludable from the debt limit, an assumption which the Director of Finance finds to be reasonable and conservative. (B) Bonds constituting instruments of indebtedness under which the State incurs a contingent liability as a guarantor can be excluded but only to the extent the principal amount of such guaranties does not exceed seven percent of the principal amount of outstanding general obligation bonds not otherwise excluded under subparagraph (A) of this paragraph (7) and provided that the State shall establish and maintain a reserve in an amount in reasonable proportion to the outstanding loans guaranteed by the State as provided by law. According to the Department of Budget and Finance and the assumptions presented herein, the total principal amount of outstanding general obligation bonds and general obligation bonds proposed to be issued, which are not otherwise excluded under Article VII, Section 13 of the State Constitution for the fiscal years 2018-2019, 2019-2020, 2020-2021, 2021-2022 and 2022-2023 are as follows:

<u>Fiscal Year</u>	<u>Total amount of General Obligation Bonds not otherwise excluded by Article VII, Section 13 of the State Constitution</u>
2018-2019	7,869,198,064
2019-2020	8,881,548,064
2020-2021	9,923,673,064
2021-2022	10,916,173,064
2022-2023	11,561,303,064

Based on the foregoing and based on the assumption that the full amount of a guaranty is immediately due and payable when such guaranty changes from a contingent liability to an actual

liability, the aggregate principal amount of the portion of the outstanding guaranties and the guaranties proposed to be incurred, which does not exceed seven percent of the average amount set forth in the last column of the above table and for which reserve funds have been or will have been established as heretofore provided by, can be excluded in determining the power of the State to issue general obligation bonds. As it is not possible to predict with a reasonable degree of certainty when a guaranty will change from a contingent liability to an actual liability, it is assumed in conformity with fiscal conservatism and prudence, that all guaranties not otherwise excluded pursuant to Article VII, Section 13 of the State Constitution will become due and payable in the same fiscal year in which the greatest amount of principal and interest on general obligation bonds, after exclusions, occurs. Thus, based on such assumptions and on the determination in paragraph (8), the aggregate principal amount of the portion of the outstanding guaranties; which must be included in determining the power of the State to issue general obligation bonds, is \$0.

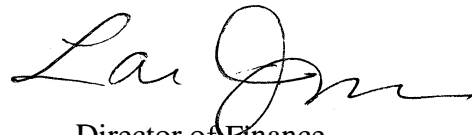
(8) Determination whether the debt limit will be exceeded at the time of issuance. From the foregoing and on the assumption that the bonds identified in paragraph (5) will be issued at an interest rate of 5.75 percent thereafter, as reported in the Budget, it can be determined from the following schedule that the bonds which are proposed to be issued, which includes all bonds issued and outstanding, bonds previously authorized and unissued and the bonds proposed in the Budget, will not cause the debt limit to be exceeded at the time of each bond issuance:

<u>Time of Issue and Amount of Issue to be Counted Against Debt Limit</u>	<u>Debt Limit at Time of Issuance</u>	<u>Greatest Amount & Year of Principal & Interest</u>
2nd half FY 2018-2019 \$972,650,000	1,361,476,133	800,797,795 (2021-2022)
1st half FY 2019-2020 \$496,250,000	1,407,103,474	829,332,170 (2021-2022)
2nd half FY 2019-2020 \$516,100,000	1,407,103,474	876,064,881 (2022-2023)
1st half FY 2020-2021 \$496,250,000	1,456,326,878	908,727,467 (2023-2024)
2nd half FY 2020-2021 \$545,875,000	1,456,326,878	958,200,280 (2023-2024)
1st half FY 2021-2022 \$496,250,000	1,506,375,265	986,734,655 (2023-2024)
2nd half FY 2021-2022 \$496,250,000	1,506,375,265	1,015,269,030 (2023-2024)
1st half FY 2022-2023 \$322,565,000	1,566,316,190	1,028,958,378 (2024-2025)
2nd half FY 2022-2023 \$322,565,000	1,566,316,190	1,047,813,636 (2025-2026)

(9) Overall and concluding finding. From the facts, estimates, and assumptions stated in

this declaration of findings, the conclusion is reached that the total amount of principal and interest estimated for the general obligation bonds proposed in the Budget and for all bonds previously authorized and unissued and calculated for all bonds issued and outstanding and guaranties, will not cause the debt limit to be exceeded at the time of issuance.

The Director of Finance hereby finds that the bases for the declaration of findings set forth herein are reasonable. The assumptions set forth in this declaration with respect to the principal amount of general obligation bonds which will be issued, the amount of principal and interest on reimbursable general obligation bonds which are assumed to be excludable and the assumed maturity structure shall not be deemed to be binding, it being the understanding that such matters must remain subject to substantial flexibility.

A handwritten signature in black ink, appearing to read "Lai Jm", written in a cursive style.

Director of Finance
State of Hawaii