



## **State Receipt and Revenue Plans**

MULTI-YEAR FINANCIAL SUMMARY  
TOTAL EXPENDITURES AND REVENUES  
FISCAL YEARS 15 - 21  
(in millions of dollars)

	Estimated <u>FY 15</u>	Estimated <u>FY 16</u>	Estimated <u>FY 17</u>	Estimated <u>FY 18</u>	Estimated <u>FY 19</u>	Estimated <u>FY 20</u>	Estimated <u>FY 21</u>
<b>REVENUES:</b>							
Executive Branch:							
Tax Revenues	6,488.4	6,803.3	7,145.0	7,506.0	7,853.6	8,181.5	8,516.9
Nontax Revenues	5,130.3	4,733.1	4,801.6	4,979.7	5,218.3	5,316.3	5,402.4
Federal Funds	2,768.4	3,068.7	3,016.8	3,013.0	3,000.9	3,000.8	2,997.4
Judicial Branch Revenues	45.2	48.0	48.4	49.1	50.1	51.0	51.9
OHA Revenues	25.5	25.4	25.4	25.4	25.4	25.4	25.4
Other	-	40.0	76.3	73.3	73.3	60.3	47.3
Bond Receipts	735.5	1,146.9	2,295.2	1,255.5	1,543.5	988.5	735.5
<b>TOTAL REVENUES</b>	<b>15,193.2</b>	<b>15,865.5</b>	<b>17,408.8</b>	<b>16,902.1</b>	<b>17,765.1</b>	<b>17,623.7</b>	<b>17,776.8</b>
<b>EXPENDITURES:</b>							
Executive Branch:							
Operating	11,659.0	12,835.5	13,729.6	13,955.1	14,232.6	14,467.7	14,671.9
Capital Investment	1,890.47	2,514.18	3,249.80	1,895.87	515.95	166.15	93.19
Other	260.9	195.8	413.2	196.0	196.0	221.4	221.4
Sub-total	13,810.4	15,545.4	17,392.6	16,046.9	14,944.5	14,855.3	14,986.5
Legislative Branch	37.7	38.8	39.3	39.3	39.3	39.3	39.3
Judicial Branch	165.9	170.4	176.8	176.8	176.8	176.8	176.8
OHA	48.4	48.6	49.5	49.5	49.5	49.5	49.5
Lapses	(231.9)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)
<b>TOTAL EXPENDITURES</b>	<b>13,830.5</b>	<b>15,723.2</b>	<b>17,578.2</b>	<b>16,232.6</b>	<b>15,130.2</b>	<b>15,040.9</b>	<b>15,172.1</b>
<b>REVENUES OVER EXPEND.</b>	<b>1,362.8</b>	<b>142.2</b>	<b>(169.4)</b>	<b>669.5</b>	<b>2,634.9</b>	<b>2,582.8</b>	<b>2,604.6</b>
<b>CARRY-OVER BALANCE (DEFICIT)</b>							
Beginning	6,933.2	8,296.0	8,438.2	8,268.8	8,938.3	11,573.3	14,156.1
Ending	8,296.0	8,438.2	8,268.8	8,938.3	11,573.3	14,156.1	16,760.7

\* unaudited

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

MULTI-YEAR FINANCIAL SUMMARY  
GENERAL FUND  
FISCAL YEARS 15 - 21  
(in millions of dollars)

	Actual* <u>FY 15</u>	Estimated <u>FY 16</u>	Estimated <u>FY 17</u>	Estimated <u>FY 18</u>	Estimated <u>FY 19</u>	Estimated <u>FY 20</u>	Estimated <u>FY 21</u>
<b>REVENUES:</b>							
Executive Branch:							
Tax revenues	5,734.5	6,079.2	6,413.6	6,766.4	7,104.7	7,424.4	7,758.5
Nontax revenues	807.4	644.3	672.5	691.9	710.4	729.7	750.1
Judicial Branch revenues	34.8	35.4	36.0	36.6	37.4	38.1	38.8
Other revenues	-	40.0	76.3	73.3	73.3	60.3	47.3
<b>TOTAL REVENUES</b>	<b>6,576.7</b>	<b>6,798.9</b>	<b>7,198.4</b>	<b>7,568.2</b>	<b>7,925.8</b>	<b>8,252.5</b>	<b>8,594.7</b>
<b>EXPENDITURES</b>							
Executive Branch:							
Operating	6,189.2	6,545.8	7,131.8	7,309.4	7,524.5	7,688.2	7,813.3
CIP	-	-	14.3	14.3	14.3	14.3	14.3
Specific appropriations/CB	260.9	170.2	346.6	127.0	127.0	152.4	152.4
Other expenditures/adjustments	-	25.6	66.6	69.0	69.0	69.0	69.0
Sub-total - Exec Branch	6,450.1	6,741.6	7,559.4	7,519.7	7,734.8	7,924.0	8,049.1
Legislative Branch	37.7	38.8	39.3	39.3	39.3	39.3	39.3
Judicial Branch	154.9	158.2	164.5	164.5	164.5	164.5	164.5
OHA	2.7	3.2	3.2	3.2	3.2	3.2	3.2
Counties	-	0.4	0.4	0.4	0.4	0.4	0.4
Lapses	(231.9)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)	(80.0)
<b>TOTAL EXPENDITURES</b>	<b>6,413.4</b>	<b>6,862.3</b>	<b>7,686.8</b>	<b>7,647.2</b>	<b>7,862.3</b>	<b>8,051.4</b>	<b>8,176.5</b>
<b>REV. OVER (UNDER) EXPEND.</b>	<b>163.3</b>	<b>(63.4)</b>	<b>(488.4)</b>	<b>(78.9)</b>	<b>63.5</b>	<b>201.1</b>	<b>418.2</b>
<b>CARRY-OVER BALANCE (DEFICIT)</b>							
Beginning	664.8	828.1	764.8	276.3	197.4	260.9	462.0
Ending	828.1	764.8	276.3	197.4	260.9	462.0	880.2
Ending fund balance as % of revenues	12.59%	11.25%	3.84%	2.61%	3.29%	5.60%	10.24%
<i>EBRF (add'l \$10M FY 16, \$100M FY 17)</i>	<i>90.2</i>	<i>108.0</i>	<i>215.9</i>	<i>221.9</i>	<i>228.0</i>	<i>234.0</i>	<i>240.1</i>
<i>Hawaii Hurricane Relief Fund</i>	<i>182.4</i>	<i>182.4</i>	<i>182.4</i>	<i>182.4</i>	<i>182.4</i>	<i>182.4</i>	<i>182.4</i>
Total - Reserves	272.6	290.5	398.3	404.4	410.4	416.5	422.5
<i>Reserves fund balances as % of revenues</i>	<i>4.15%</i>	<i>4.27%</i>	<i>5.53%</i>	<i>5.34%</i>	<i>5.18%</i>	<i>5.05%</i>	<i>4.92%</i>

\* 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**

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1. Total State Personal Income (in \$ millions)

Calendar Year 2011	59,179
Calendar Year 2012	61,984
Calendar Year 2013	62,437
Calendar Year 2014	65,348
Calendar Year 2015*	67,962

\* As estimated by the Council on Revenues Nov. 2015

2. State Growth

Fiscal Year 2016	3.38%
Fiscal Year 2017	3.13%

**B. All Branches of State Government**

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1. General Fund Appropriations

Fiscal Year 2015	6,645,339,071
Fiscal Year 2016 (incl proposed)	6,946,936,221
Fiscal Year 2017 (incl proposed)	7,698,556,686

2. General Fund Expenditure Ceiling

Fiscal Year 2016	7,790,458,161
Fiscal Year 2017	8,034,384,048

**C. Executive Branch**

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1. Recommended General Fund Appropriations

Fiscal Year 2016	6,746,281,463
Fiscal Year 2017	7,491,526,146

2. Actual and Proposed General Fund Appropriations

Fiscal Year 2015	6,450,072,988
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Fiscal Year 2016 (actual apprns)	6,724,991,648
Proposed Add'l Appropriations FY 2016	21,289,815
Total - FY 2016 apprns	6,746,281,463

Fiscal Year 2017 (actual apprns)	6,950,449,657
Proposed Add'l Appropriations FY 2017	541,076,489
Total - FY 2017 apprns	7,491,526,146

3. General Fund Appropriation Ceiling

Fiscal Year 2016	6,667,934,747
Fiscal Year 2017	6,957,513,288

MULTI-YEAR FINANCIAL SUMMARY  
FUND BALANCES OF SPECIAL FUNDS  
FISCAL YEARS 15 - 21  
(in millions of dollars)

	Actual* <u>FY 15</u>	Estimated <u>FY 16</u>	Estimated <u>FY 17</u>	Estimated <u>FY 18</u>	Estimated <u>FY 19</u>	Estimated <u>FY 20</u>	Estimated <u>FY 21</u>
Transportation:							
Highways **	300.9	178.7	14.7	(41.5)	19.2	125.9	251.9
Airports	1,081.6	1,054.2	910.8	839.0	868.8	965.8	1,082.7
Harbors	288.5	287.6	231.4	245.1	272.1	301.2	337.1
Agriculture **	24.5	21.0	17.3	12.8	8.3	3.8	(0.7)
Business, Econ. Dev. & Tourism **	99.4	21.4	(61.6)	(144.3)	(226.9)	(309.3)	(391.5)
Commerce & Consumer Affairs	61.0	65.9	58.4	51.5	42.7	34.7	26.0
Education	47.7	176.1	152.1	128.0	103.9	79.8	55.8
Health**	168.6	132.7	100.4	57.0	13.9	(29.3)	(72.5)
HHSC**	53.2	346.4	674.1	1,001.9	1,329.7	1,657.5	1,985.2
Labor & Industrial Relations	460.8	326.1	582.3	845.4	1,116.5	1,394.6	1,672.7
Land and Natural Resources	86.6	94.5	91.7	94.4	101.7	109.0	116.5
University of Hawaii**	204.6	145.0	92.4	42.7	45.1	49.6	54.2
Others	207.2	187.9	176.1	165.7	155.5	145.4	135.6
<b>TOTAL</b>	<b>3,084.8</b>	<b>3,037.7</b>	<b>3,040.5</b>	<b>3,297.7</b>	<b>3,850.5</b>	<b>4,529.0</b>	<b>5,253.2</b>

\* 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 15 - 21  
(in thousands of dollars)

	Actual* <u>FY 15</u>	Estimated <u>FY 16</u>	Estimated <u>FY 17</u>	Estimated <u>FY 18</u>	Estimated <u>FY 19</u>	Estimated <u>FY 20</u>	Estimated <u>FY 21</u>
REVENUES:							
Executive Branch:							
Tax Revenues	712.8	690.7	700.1	708.4	717.7	726.1	727.4
Nontax Revenues	2,402.5	2,349.2	2,268.2	2,292.4	2,382.8	2,425.6	2,449.0
Federal Funds	242.4	360.0	356.9	357.8	358.7	359.6	360.5
Judicial Branch Revenues	10.4	12.6	12.4	12.5	12.7	12.9	13.1
TOTAL REVENUES	3,368.1	3,412.6	3,337.6	3,371.2	3,471.9	3,524.1	3,550.0
EXPENDITURES:							
Executive Branch:							
Operating	2,596.0	3,080.8	2,828.3	2,802.5	2,782.6	2,785.5	2,787.2
Capital Investment	473.0	366.6	494.2	299.2	124.1	47.8	26.3
Sub-total	3,069.1	3,447.4	3,322.5	3,101.7	2,906.7	2,833.4	2,813.5
Judicial Branch	11.0	12.2	12.3	12.3	12.3	12.3	12.3
Total Expenditures	3,080.1	3,459.7	3,334.8	3,114.0	2,919.0	2,845.7	2,825.8
REVENUES OVER EXPEND.	288.1	(47.1)	2.8	257.2	552.8	678.4	724.2
CARRY-OVER BALANCE (DEFICIT)							
Beginning	2,796.7	3,084.8	3,037.7	3,040.5	3,297.7	3,850.5	4,529.0
Ending	3,084.8	3,037.7	3,040.5	3,297.7	3,850.5	4,529.0	5,253.2

\* unaudited

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

GENERAL FUND  
MULTI-YEAR REVENUES FROM SOURCES OTHER THAN TAXES  
FISCAL YEARS 15 - 21  
(in thousands of dollars)

<u>Source</u>	<u>Actual*</u> <u>FY 15</u>	<u>Estimated</u> <u>FY 16</u>	<u>Estimated</u> <u>FY 17</u>	<u>Estimated</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>
Licenses & Permits	1,091	1,047	1,045	1,045	1,030	1,030	1,030
Revenues From Use of Money and Property	12,078	18,856	18,174	17,083	15,952	14,775	13,543
Federal	14,112	12,971	12,718	12,429	12,084	11,687	11,254
Other Agencies	3,467	2,565	2,565	2,565	2,565	2,565	2,565
Charges for Current Services	407,469	332,551	346,585	359,390	373,958	388,945	405,015
Fines, Forfeits & Penalties	1,644	1,041	1,051	1,031	1,041	1,031	1,041
Repaymnt of Loans & Advances	20,256	19,644	20,281	20,127	20,189	21,369	22,617
Other Revenues	347,330	255,594	270,046	278,258	283,536	288,281	293,069
Sub-total	807,447	644,269	672,464	691,929	710,355	729,683	750,134
Judicial Branch Revenues	34,797	35,395	36,012	36,649	37,442	38,102	38,775
TOTAL	842,244	679,664	708,476	728,578	747,797	767,785	788,909

\* unaudited

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

SPECIAL REVENUE FUNDS  
MULTI-YEAR REVENUES FROM TAXES  
FISCAL YEARS 15 - 21  
(in thousands of dollars)

<u>Source</u>	<u>Actual*</u> <u>FY 15</u>	<u>Estimated</u> <u>FY 16</u>	<u>Estimated</u> <u>FY 17</u>	<u>Estimated</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>
Transfer of Tobacco Tax	46,830	43,154	43,154	43,154	43,154	43,154	43,154
Liquid Fuel:							
Highway	86,822	87,266	87,701	88,139	88,578	89,020	89,463
Aviation	4,453	4,847	4,847	4,847	4,847	4,847	4,847
Small Boats	1,627	1,600	1,600	1,600	1,600	1,600	1,600
Sub-total	92,902	93,713	94,148	94,586	95,025	95,467	95,910
Transfer of Trans. Accom. Tax	115,000	110,600	110,600	110,600	110,600	110,600	110,600
Motor Vehicle Weight Tax	76,092	76,472	76,854	77,239	77,625	78,013	78,403
Vehicle Registration Fee Tax	49,021	51,095	50,393	50,617	50,843	51,070	51,298
Vehicle Surcharge:							
Rental/Tour Vehicles	51,940	52,199	52,460	52,723	52,987	53,252	53,517
Environmental Response Tax	8,652	8,674	8,616	8,560	8,507	8,456	8,409
Unemployment Comp. Tax	240,458	224,000	233,000	240,000	248,000	255,000	255,000
Employment and Training	1,118	1,200	1,200	1,200	1,200	1,200	1,200
Election Campaign Contrib. T.F.	181	170	150	130	120	110	100
Transfer of Banks & fin. Corp. Tax	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Transfer of Conveyance Tax	67,643	58,800	56,800	56,800	56,800	56,800	56,800
Transfer of Ins. Premium Tax	2,095	2,000	2,000	2,000	2,000	2,000	2,000
<b>TOTAL</b>	<b>753,931</b>	<b>724,077</b>	<b>731,375</b>	<b>739,609</b>	<b>748,861</b>	<b>757,122</b>	<b>758,391</b>

\* unaudited

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



SPECIAL FUNDS  
MULTI-YEAR REVENUES FROM SOURCES OTHER THAN TAXES  
FISCAL YEARS 15 - 21  
(in thousands of dollars)

<u>Source</u>	<u>Actual*</u> <u>FY 15</u>	<u>Estimated</u> <u>FY 16</u>	<u>Estimated</u> <u>FY 17</u>	<u>Estimated</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>
Licenses & Permits	20,019	22,460	21,467	22,385	21,109	22,002	21,195
Revenues From Use of Money and Property	63,795	59,391	58,672	58,945	59,190	59,377	59,578
Federal	242,366	360,042	356,927	357,808	358,694	359,584	360,479
Other Agencies	109,178	47,785	47,752	36,438	36,438	36,438	36,438
Charges for Current Services: Utilities & Other Enterprises	516,710	539,225	569,547	602,020	636,172	675,021	698,152
Others	740,331	1,123,245	1,140,392	1,141,477	1,148,496	1,151,337	1,152,233
Fines, Forfeits & Penalties	8,964	9,796	7,981	8,001	8,025	8,049	8,074
Non-Revenue Receipts	943,530	547,347	422,390	423,171	473,339	473,337	473,336
Judicial Branch Revenues	10,442	12,553	12,394	12,537	12,682	12,888	13,098
<b>TOTAL</b>	<b>2,655,334</b>	<b>2,721,843</b>	<b>2,637,522</b>	<b>2,662,780</b>	<b>2,754,145</b>	<b>2,798,033</b>	<b>2,822,583</b>

\* 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 15 - 21  
(in thousands of dollars)

<u>Source</u>	<u>Actual*</u> <u>FY 15</u>	<u>Estimated</u> <u>FY 16</u>	<u>Estimated</u> <u>FY 17</u>	<u>Estimated</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>
Licenses & Permits	604	727	917	917	917	917	917
Revenues From Use of Money and Property	141,650	124,474	147,394	185,028	229,330	279,002	328,338
Federal	2,479,931	2,695,087	2,647,156	2,642,752	2,630,122	2,629,512	2,625,550
Federal - American Recovery & Reinvestment Act	32,037	554	-	-	-	-	-
Other Agencies	19,358	19,230	21,592	18,967	18,967	18,967	18,967
Charges for Current Services	164,159	157,587	152,251	151,571	152,211	152,158	151,516
Fines, Forfeits & Penalties	1,372	730	731	732	732	732	732
Repayment of Loans & Advances	127,977	50,973	45,202	89,488	47,694	51,386	51,157
Non-Revenue Receipts	1,479,248	1,398,927	1,505,624	1,561,101	1,687,400	1,669,559	1,662,897
Judiciary Revenues							
OHA Revenues	25,546	25,388	25,388	25,388	25,388	25,388	25,388
<b>TOTAL</b>	<b>4,471,882</b>	<b>4,473,677</b>	<b>4,546,255</b>	<b>4,675,944</b>	<b>4,792,761</b>	<b>4,827,621</b>	<b>4,865,462</b>

\* unaudited

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

TENTATIVE SCHEDULE BY QUARTER AND FISCAL YEAR  
OF THE AMOUNT OF GENERAL OBLIGATION BONDS  
TO BE ISSUED FROM FISCAL YEAR 2016 TO FISCAL YEAR 2022

GENERAL OBLIGATION BONDS

<u>FY</u>	<u>Quarter</u>	<u>Description</u>	<u>Amount</u>	<u>Total</u>
Actual:				
FY 2015-2016	Second	GO 2015 Series ET (\$190M), Green Bonds Series EU (\$35M), Refunding Series EV, EW, EX, EY, & EZ (\$496.395M), and Taxable Series FA (\$25M)	<u>\$ 746,395,000</u>	<u>\$ 746,395,000</u>
Total General Obligation Bonds - Actual				<u>\$ 746,395,000</u>
Projected New Money:				
FY 2015-2016	Third		<u>\$ 850,000,000</u>	\$ 850,000,000
FY 2016-2017	Second		<u>\$ 600,000,000</u>	\$ 1,200,000,000
	Fourth		<u>600,000,000</u>	
FY 2017-2018	Second		<u>\$ 600,000,000</u>	\$ 1,200,000,000
	Fourth		<u>600,000,000</u>	
FY 2018-2019	Second		<u>\$ 600,000,000</u>	\$ 1,200,000,000
	Fourth		<u>600,000,000</u>	
FY 2019-2020	Second		<u>\$ 300,000,000</u>	\$ 600,000,000
	Fourth		<u>300,000,000</u>	
FY 2020-2021	Second		<u>\$ 300,000,000</u>	\$ 600,000,000
	Fourth		<u>300,000,000</u>	
FY 2021-2022	Second		<u>\$ 300,000,000</u>	\$ 600,000,000
	Fourth		<u>300,000,000</u>	
Total General Obligation Bonds-Projected New Money				<u>\$ 6,250,000,000</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 2015-2016			
Quarters	Third	<u>\$ 850,000,000</u>	\$ 850,000,000
FY 2016-2017			
Quarters	Second	\$ 600,000,000	
	Fourth	<u>600,000,000</u>	<u>\$ 1,200,000,000</u>
TOTAL GENERAL OBLIGATION BONDS			<u><u>\$ 2,050,000,000</u></u>

REVENUE BONDS

FY 2015-2016				
Quarters	Second	Hawaii Health Systems Corporation - Others	\$ 1,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	33,200,000	
	Fourth	DOT - Harbors	250,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	<u>28,150,000</u>	\$ 372,350,000
FY 2016-2017				
Quarters	First	DOT - Highways	\$ 80,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	54,618,000	
	Second	Hawaii Health Systems Corporation - Others	1,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	39,350,000	
	Third	DOT - Airports	811,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	49,277,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	<u>45,000,000</u>	<u>\$ 1,140,245,000</u>
TOTAL REVENUE BONDS				<u><u>\$ 1,512,595,000</u></u>

**SCHEDULE OF PROJECTED DEBT SERVICE CHARGES FOR GENERAL OBLIGATION BONDS  
ISSUED AND TO BE ISSUED BY JUNE 30, 2022**

**(IN THOUSANDS)**

<b>Debt Service On Bonds Outstanding*</b>				<b>Debt Service On Bonds To Be Issued Through June 30, 2022</b>			<b>Total Estimated Debt Service</b>		
<b>Fiscal Year</b>	<b>Direct From General Fund</b>	<b>Reimbursable Debt Service</b>	<b>Total</b>	<b>Direct From General Fund</b>	<b>Reimbursable Debt Service</b>	<b>Total</b>	<b>Direct From General Fund</b>	<b>Reimbursable Debt Service</b>	<b>Total</b>
2015-2016	660,699	33,124	693,823	0	0	0	660,699	33,124	693,823
2016-2017	659,135	32,728	691,863	68,655	345	69,000	727,790	33,073	760,863
2017-2018	620,570	31,485	652,055	140,295	705	141,000	760,865	32,190	793,055
2018-2019	621,174	30,417	651,591	239,302	1,203	240,505	860,476	31,620	892,096
2019-2020	574,080	30,418	604,498	340,043	1,709	341,752	914,123	32,127	946,250
2020-2021	509,799	30,420	540,219	404,931	2,035	406,966	914,730	32,455	947,185
2021-2022	512,056	30,418	542,474	442,911	2,226	445,137	954,967	32,644	987,611

**Schedule of General Obligation Bond Sales:**

**Fiscal Year 2015-2016**

**First Half                      \$0 \***

**Second Half                \$850,000,000**

**Fiscal Year 2016-2017**

**First Half                    \$600,000,000**

**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: 6.00%**

**Projected Reimbursable Debt Service:**

**Assumed average of reimbursable debt service to total debt service at .50%**

**\*Note: Includes GO Bonds 2015 Series ET(\$190M), EU Green Bonds (\$35M), Refunding Series EV-EZ (\$496.395M), and Taxable Series FA (\$25M) which closed on October 29, 2015.**

TENTATIVE SCHEDULE BY QUARTER AND FISCAL YEAR  
OF THE AMOUNT OF REVENUE BONDS  
TO BE ISSUED FROM FISCAL YEAR 2016 TO FISCAL YEAR 2022

REVENUE BONDS

<u>FY</u>	<u>Quarter</u>	<u>Description</u>	<u>Amount</u>	<u>Total</u>
Actual:				
FY 2014-2015	Third	Hawaii Health Systems Corporation - Maui Regional System Master Indenture Revenue Bond No. 3	\$ 10,137,894	
	Third	Hawaii Housing Finance & Development Corporation - Kalani Gardens Series 2015A	10,750,000	
	Fourth	Hawaii Housing Finance & Development Corporation - Ko'olaa'ula Phase II	29,000,000	\$ 49,887,894
FY 2015-2016	First	University of Hawaii Series 2015 A (\$8.575M), B (\$47.010M), C (\$17.585M), D (\$25.715M) and E (\$67.400M)	\$ 166,285,000	
	Second	DOT-Airports System Series 2015 A (\$235.135M) & B (\$9.125M)	244,260,000	
	Second	Hawaii Housing Finance & Development Corporation - Villages of Moa'e Ku Series 2015	11,739,000	\$ 422,284,000
Total Revenue Bonds - Actual				<u>\$ 472,171,894</u>
Projected New Money:				
FY 2015-2016	Second	Hawaii Health Systems Corporation - Others	\$ 1,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	33,200,000	
	Fourth	DOT - Harbors	250,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	28,150,000	\$ 372,350,000
FY 2016-2017	First	DOT - Highways	\$80,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	54,618,000	
	Second	Hawaii Health Systems Corporation - Others	1,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Second	Hawaii Housing Finance & Development Corp. - Multi-Family	39,350,000	
	Third	DOT - Airports	811,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	49,277,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Multi-Family	45,000,000	\$1,140,245,000
FY 2017-2018	First	Hawaii Housing Finance & Development Corp. - Multi-Family	\$ 20,000,000	
	Second	Hawaii Health Systems Corporation - Others	500,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	\$ 100,500,000
FY 2018-2019	First	DOT - Airports	\$ 108,000,000	
	First	DOT- Highways	80,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Second	Hawaii Health Systems Corporation - Others	500,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Fourth	University of Hawaii	100,000,000	\$ 388,500,000
FY 2019-2020	First	DOT - Airports	\$ 83,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Second	Hawaii Health Systems Corporation - Others	500,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Third	DOT - Harbors	250,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	\$ 433,500,000
FY 2020-2021	First	DOT - Highways	\$ 80,000,000	
	First	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Second	Hawaii Health Systems Corporation - Others	500,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	\$ 180,500,000
FY 2021-2022	First	Hawaii Housing Finance & Development Corp. - Multi-Family	\$ 20,000,000	
	Second	Hawaii Health Systems Corporation - Others	500,000	
	Second	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	
	Third	Hawaii Housing Finance & Development Corp. - Multi-Family	20,000,000	
	Fourth	Hawaii Housing Finance & Development Corp. - Single Family	30,000,000	\$ 100,500,000
Total Revenue Bonds - Projected New Money				<u>\$ 2,716,095,000</u>

## DECLARATION OF FINDINGS

Pursuant to Section 37-72 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 2016-2017 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 2013-2014 and estimated for each fiscal year from fiscal year 2016-2017 to 2018-2019, is as follows:

<u>Fiscal Year</u>	<u>Net General Fund Revenues</u>	<u>Debt Limit</u>
2012-2013	6,226,008,766	
2013-2014	6,088,589,303	
2014-2015	6,569,327,192	
2015-2016	6,753,966,000	1,164,508,724
2016-2017	7,117,584,000	1,197,066,087
2017-2018	7,491,663,000	1,260,520,760
2018-2019	(not applicable)	1,317,398,135

For fiscal years, 2015-2016, 2016-2017, 2017-2018 and 2018-2019 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 2012-2013, 2013-2014 and 2014-2015 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, 2015, dated November 24, 2015. The net general fund revenues for fiscal years 2015-2016 to 2017-2018 are estimates, based on general fund revenue estimates made as of September 10, 2015, 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 2015-2016 to 2035-2036, the total amount 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
2016	422,845,000	270,978,004	693,823,004	4,392,997	1,540,729	5,933,726	418,452,003	269,437,275	687,889,278
2017	429,165,000	262,697,935	691,862,935	4,162,432	1,409,788	5,572,219	425,002,568	261,288,147	686,290,716
2018	406,510,000	245,544,529	652,054,529	3,111,048	1,274,682	4,385,731	403,398,952	244,269,847	647,668,798
2019	423,105,000	228,486,297	651,591,297	2,230,352	1,153,278	3,383,630	420,874,648	227,333,019	648,207,667
2020	396,395,000	208,102,658	604,497,658	2,339,328	1,044,279	3,383,607	394,055,672	207,058,379	601,114,051
2021	350,470,000	189,748,972	540,218,972	2,453,591	930,000	3,383,591	348,016,409	188,818,972	536,835,381
2022	369,525,000	172,948,732	542,473,732	2,572,569	808,089	3,380,658	366,952,431	172,140,643	539,093,074
2023	368,445,000	155,628,432	524,073,432	2,700,670	680,029	3,380,698	365,744,330	154,948,403	520,692,734
2024	377,465,000	137,953,892	515,418,892	2,835,234	545,738	3,380,972	374,629,766	137,408,154	512,037,920
2025	355,690,000	120,289,502	475,979,502	2,976,674	404,301	3,380,975	352,713,326	119,885,200	472,598,527
2026	349,175,000	104,064,068	453,239,068	3,124,957	255,885	3,380,842	346,050,043	103,808,183	449,858,226
2027	315,990,000	86,755,565	402,745,565	1,135,554	100,184	1,235,738	314,854,446	86,655,381	401,509,828
2028	303,215,000	71,902,514	375,117,514	893,484	43,869	937,352	302,321,516	71,858,645	374,180,161
2029	284,630,000	57,502,962	342,132,962	0	0	0	284,630,000	57,502,962	342,132,962
2030	249,400,000	43,885,283	293,285,283	0	0	0	249,400,000	43,885,283	293,285,283
2031	214,985,000	31,647,042	246,632,042	0	0	0	214,985,000	31,647,042	246,632,042
2032	224,925,000	21,619,615	246,544,615	0	0	0	224,925,000	21,619,615	246,544,615
2033	161,295,000	12,915,733	174,210,733	0	0	0	161,295,000	12,915,733	174,210,733
2034	126,740,000	6,540,926	133,280,926	0	0	0	126,740,000	6,540,926	133,280,926
2035	70,170,000	2,230,818	72,400,818	0	0	0	70,170,000	2,230,818	72,400,818
2036	18,945,000	376,415	19,321,415	0	0	0	18,945,000	376,415	19,321,415

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, 2015, adjusted for (a) appropriations made in Acts 119, 138, 121, 143, and 55, Session Laws of Hawaii 2015, to be expended in fiscal year 2016-2017 (b) lapses proposed in THE EXECUTIVE BUDGET SUPPLEMENTAL [Budget Period: 2015-2017] (referred to as the "Budget") the total amount of authorized but unissued general obligation bonds amounts to \$3,113,121,643. The amount of general obligation bonds proposed in the Budget is \$1,255,708,000 (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 \$4,368,829,643.

(5) Proposed general obligation bond issuance. As reported in the Budget, as it applies to the fiscal period 2015-2016 to 2018-2019, the State proposed to issue \$850,000,000 in general obligation bonds during the remainder of fiscal year 2015-2016, \$600,000,000 in general obligation bonds during the first half of fiscal year 2016-2017, and \$600,000,000 in general obligation bonds during the second half of fiscal year 2016-2017, \$600,000,000 in general obligation bonds during the first half of fiscal year 2017-2018, and \$600,000,000 in general obligation bonds during the second half of fiscal year 2017-2018, \$600,000,000 in general obligation bonds during the first half of fiscal year 2018-2019 and \$600,000,000 in general obligation bonds during the second half of fiscal year 2018-2019. The State anticipates issuing 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 2016-2017 2017-2018, and 2018-2019, is \$4,450,000,000. The total amount of \$4,450,000,000 which is proposed to be issued through fiscal year 2018-2019 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 \$4,368,829,643 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, 2019, 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 0.65 percent for approximately ten years from fiscal year 2015-2016 to fiscal year 2024-2025. For the purpose of this declaration, the assumption is made that 0.50 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 2015-2016, 2016-2017, 2017-2018 and 2018-2019 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>
2015-2016	6,857,285,000
2016-2017	8,051,285,000
2017-2018	9,224,810,000
2018-2019	10,418,810,000

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.

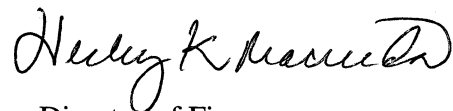
(8) Determination whether the debt limit will be exceeded at the time of issuance. From the foregoing and on the assumption that the bonds identified in paragraph (5) will be issued at an interest rate of 6.00 percent thereafter, as reported in the Budget, it can be determined from the following schedule 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 &amp; Year of Principal &amp; Interest</u>
2nd half FY 2015-2016 \$845,750,000	1,164,508,724	729,701,297 (2018-2019)
1st half FY 2016-2017 \$597,000,000	1,197,066,087	765,521,297 (2018-2019)
2nd half FY 2016-2017 \$597,000,000	1,197,066,087	801,341,297 (2018-2019)
1st half FY 2017-2018 \$597,000,000	1,260,520,760	830,337,658 (2019-2020)
2nd half FY 2017-2018 \$597,000,000	1,260,520,760	866,157,658 (2019-2020)
1st half FY 2018-2019 \$597,000,000	1,317,398,135	902,925,032 (2021-2022)
2nd half FY 2018-2019 \$597,000,000	1,317,398,135	958,060,032 (2021-2022)

(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.



Director of Finance  
State of Hawaii