

FRANCHISE TAX BOARD
Personal Income Tax Law
Resident and Non-Resident
Accrual Estimates³

Exhibit A-1
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Payments	2016-2017 (Millions)	2017-2018 (Millions)	2018-2019 (Millions)	2019-2020 (Millions)
Estimate Payments	\$1,140	\$1,414	\$1,352	\$1,394
Return Remittances Payments	1,621	1,592	1,745	1,794
Net Final Payments Adjustment¹	1,946	2,236	2,448	2,479
Other	2,298	2,415	2,561	2,662
Withholding (EDD)	1,496	1,600	1,642	1,620
Withholding (FTB)	177	163	180	200
Total	8,677	9,419	9,928	10,149
Refunds	-3,389	-3,363	-3,448	-3,522
Budget Net	5,287	6,056	6,480	6,627
GAAP Adjustments²	453	-904	-305	-675
GAAP Net	\$5,741	\$5,152	\$6,176	\$5,953

1/ Due to the passage of Prop 30

2/ Included: Chapter 751 Statutes of 2008 change to Sept estimated payments, Accelerated revenue estimate payments, Net final payments, & Net final payments due to Prop 30

3/ Numbers may have DOF adjustments to actuals due to Prop 30 and use DOF projections in their calculation.

Reported in April 2018
Accrual Estimates³

Payments	2016-2017 (Millions)	2017-2018 (Millions)	2018-2019 (Millions)
Estimate Payments	\$1,147	\$1,183	\$1,219
Return Remittances Payments	1,626	1,736	1,823
Net Final Payments Adjustment¹	1,940	2,061	2,073
Other	2,285	2,266	2,419
Withholding (EDD)	1,571	1,375	1,215
Withholding (FTB)	177	186	196
Total	8,746	8,807	8,945
Refunds	-3,415	-3,718	-3,871
Budget Net	5,331	5,089	5,074
GAAP Adjustments²	-299	-206	-523
GAAP Net	\$5,032	\$4,883	\$4,551

1/ Due to the passage of Prop 30

2/ Included: Chapter 751 Statutes of 2008 change to Sept estimated payments, Accelerated revenue estimate payments, Net final payments, & Net final payments due to Prop 30

3/ Numbers may have DOF adjustments to actuals due to Prop 30 and use DOF projections in their calculation.

FRANCHISE TAX BOARD
Personal Income Tax Statistics 2016 - 2017 Tax Years¹
Resident and Non-Resident Returns
Special Tax Credits Allowed - Credit Amount

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Credit	Preliminary 2016 ²		Preliminary 2017 ³		% Change	
	Number	Amount (Thousands)	Number	Amount (Thousands)	Number	Amount
Child and Dependent Care	168,029	\$31,075	161,729	\$29,924	-3.7	-3.7
Enterprise Zone Hiring and Sales	28,072	199,453	27,182	164,856	-3.2	-17.3
Earned Income Tax Credit	371,834	198,023	1,467,956	344,755	294.8	74.1
Other State Tax	171,398	951,924	189,290	1,226,675	10.4	28.9
Prior Year Alternative Minimum Tax	6,618	30,023	7,356	37,359	11.2	24.4
Renter's Credit (non-refundable)	1,712,529	120,574	1,787,054	126,488	4.4	4.9
Research and Development	10,332	145,854	16,635	192,838	61.0	32.2
Total Credits Amount > \$10million	2,468,812	1,676,926	3,657,202	2,122,895	48.1	26.6
California Competes	346	\$6,092	581	\$9,726	67.9	59.6
Child Adoption	1,169	1,343	1,283	1,484	9.8	10.5
College Access	402	2,979	379	1,505	-5.7	-49.5
Dependent Parent	1,242	367	1,438	426	15.8	16.1
Disabled Access	450	34	397	33	-11.8	-5.2
Donation of Agricultural Products Transportation	42	81	89	116	111.9	43.2
Enhanced Oil Recovery	a	a	5	246	N/A	N/A
Environmental Tax	a	0	2	0	N/A	N/A
Fresh Fruit	213	486	97	236	-54.5	-51.5
New Fresh Fruit	0	0	135	935	N/A	N/A
Joint Custody Head of Household	5,338	1,804	5,868	1,817	9.9	0.8
Local Agency Military Base Recovery Area	19	636	24	177	26.3	-72.1
Low-Income Housing	171	320	229	348	33.9	8.9
Manufacturing Enhancement Area	a	a	1	5	N/A	N/A
Motion Picture and TV Production	6	14	4	8	-33.3	-43.6
New Motion Picture and TV Production	a	3	1	0	N/A	-94.6
Natural Heritage Preservation	11	8	0	0	N/A	N/A
New Employment	386	1,042	411	1,756	6.5	68.5
Qualified Senior Head of Household	584	258	780	322	33.6	25.0
Targeted Tax Area	76	954	76	1,051	0.0	10.2
Total Repealed Credits with Carryover Provisions	4,994	4,480	4,705	3,963	-5.8	-11.5
Total Credits Amount < \$10million	15,452	20,901	16,505	24,154	6.8	15.6
Grand Total	2,484,471	\$1,699,378	3,673,707	\$2,147,049	47.9	26.3

1/ Largely the listed tax years; also includes amended and prior-year returns that were filed during the same time period.

2/ Preliminary data (processed returns through November 3, 2017).

3/ Preliminary data (processed returns through December 03, 2018).

a/ Data are not shown for table entries with small numbers of taxpayers but are included in the appropriate totals.

Source: PIT Population Datasets 2016 and 2017.

FRANCHISE TAX BOARD

Personal Income Tax by AGI Class

Comparison of Resident Returns 2016 Tax Year

RETURN VOLUMES				
Adjusted Gross Income Class		2016 Returns Processed to December 02, 2017 (Thousands)	2016 PIT Sample (Thousands)	% Change
Neg Agi -	to \$0	237	215	-9.2
\$1	to 10,000	1,896	1,847	-2.6
10,001	to 20,000	2,389	2,447	2.4
20,001	to 50,000	5,189	5,248	1.1
50,001	to 100,000	3,558	3,574	0.5
100,001	to 200,000	2,182	2,184	0.1
200,001	to 500,000	855	862	0.8
500,001	to \$1,000,000	139	140	0.7
\$1,000,001	to & over	69	69	-0.5
TOTAL		16,514	16,586	0.4
ADJUSTED GROSS INCOME				
Adjusted Gross Income Class		2016 Returns Processed to December 02, 2017 (Millions)	2016 PIT Sample (Millions)	% Change
Neg Agi -	to \$0	-\$31,790	-\$32,103	1.0
\$1	to 10,000	10,368	10,187	-1.7
10,001	to 20,000	35,708	36,584	2.5
20,001	to 50,000	172,130	173,886	1.0
50,001	to 100,000	252,660	253,827	0.5
100,001	to 200,000	301,150	301,546	0.1
200,001	to 500,000	246,047	248,210	0.9
500,001	to \$1,000,000	93,406	94,235	0.9
\$1,000,001	to & over	244,700	244,513	-0.1
TOTAL		\$1,324,381	\$1,330,885	0.5
TAX LIABILITY				
Adjusted Gross Income Class		2016 Returns Processed to December 02, 2017 (Millions)	2016 PIT Sample (Millions)	% Change
Neg Agi -	to \$0	\$10	\$12	22.5
\$1	to 10,000	12	12	-4.3
10,001	to 20,000	52	53	1.6
20,001	to 50,000	1,433	1,434	0.0
50,001	to 100,000	6,116	6,121	0.1
100,001	to 200,000	13,169	13,175	0.1
200,001	to 500,000	15,893	16,036	0.9
500,001	to \$1,000,000	7,687	7,764	1.0
\$1,000,001	to & over	26,814	26,791	-0.1
TOTAL		\$71,187	\$71,399	0.3

Source: FRANCHISE TAX BOARD Return History Report and PIT Sample 2016 AGIC
Resident returns processed through December 02, 2017

FRANCHISE TAX BOARD
Personal Income Tax
California Resident Returns
2015, 2016 and 2017 Tax Years

Tax Year	Number of Returns (Thousands)	Adjusted Gross Income (Millions)	Deductions (Millions)	Taxable Income (Millions)	Alternative Minimum Tax (Millions)	Total Tax (Millions)
2015	16,258	\$1,265,341	\$189,350	\$1,107,474	\$93	\$68,498
2016	16,514	1,324,381	203,325	1,152,366	98	71,187
2017	16,844	\$1,430,332	\$211,383	\$1,251,350	\$93	\$79,643
2015-16 % Change	1.6	4.7	7.4	4.1	5.8	3.9
2016-17 % Change	2.0	8.0	4.0	8.6	-4.7	11.9

Source: FRANCHISE TAX BOARD Return History Report
Data as of December 03, 2016; December 02, 2017; December 02, 2018.

FRANCHISE TAX BOARD
Personal Income Tax by AGI Class
California Resident Returns
2016 and 2017 Tax Years

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RETURN VOLUMES			
Adjusted Gross Income Class	2016 Returns (Thousands)	2017 Returns (Thousands)	% Change
Neg Agi - to \$0	237	231	-2.7
\$1 to 10,000	1,896	1,875	-1.1
10,001 to 20,000	2,389	2,354	-1.5
20,001 to 50,000	5,189	5,228	0.7
50,001 to 100,000	3,558	3,679	3.4
100,001 to 200,000	2,182	2,294	5.1
200,001 to 500,000	855	943	10.3
500,001 to \$1,000,000	139	161	15.7
\$1,000,001 to & over	69	81	16.5
TOTAL	16,514	16,844	2.0
ADJUSTED GROSS INCOME			
Adjusted Gross Income Class	2016 Adjusted Gross Income (Millions)	2017 Adjusted Gross Income (Millions)	% Change
Neg Agi - to \$0	-\$31,790	-\$30,938	-2.7
\$1 to 10,000	10,368	10,239	-1.2
10,001 to 20,000	35,708	35,101	-1.7
20,001 to 50,000	172,130	173,990	1.1
50,001 to 100,000	252,660	261,270	3.4
100,001 to 200,000	301,150	317,058	5.3
200,001 to 500,000	246,047	272,469	10.7
500,001 to \$1,000,000	93,406	108,180	15.8
\$1,000,001 to & over	244,700	282,962	15.6
TOTAL	\$1,324,381	\$1,430,332	8.0
TAX LIABILITY			
Adjusted Gross Income Class	2016 Total Tax (Millions)	2017 Total Tax (Millions)	% Change
Neg Agi - to \$0	\$10	\$12	19.7
\$1 to 10,000	12	12	1.4
10,001 to 20,000	52	51	-2.7
20,001 to 50,000	1,433	1,433	-0.1
50,001 to 100,000	6,116	6,210	1.5
100,001 to 200,000	13,169	13,676	3.9
200,001 to 500,000	15,893	17,474	9.9
500,001 to \$1,000,000	7,687	8,863	15.3
\$1,000,001 to & over	26,814	31,912	19.0
TOTAL	\$71,187	\$79,643	11.9

Source: FRANCHISE TAX BOARD, Return History Report and Return Analysis Database.
Data as of December 02, 2017 and December 01, 2018

FRANCHISE TAX BOARD
Personal Income Tax
Capital Gains for 2016
Resident Returns

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Adjusted Gross Income Class	1040 Schedule D		1040		Capital Gains % Dist.	Schedule CA		Total Capital Gains (Millions)	Capital Gains Tax Last Dollar Method ² (Millions)	540 Adjusted Gross Income (Millions)	Capital Gains as a % of AGI
	Short Term Gains (Millions)	Long Term Gains (Millions)	Capital Losses (Millions)	Net Capital Gains ¹ (Millions)		Adjustments- Subtractions (Millions)	Adjustments- Additions (Millions)				
Negative to \$0	\$14	\$2,086	\$166	\$1,939	1.75%	\$81	\$49	\$1,907	\$0	-\$32,789	-5.82%
\$1 to 10,000	12	119	162	-7	-0.01%	10	8	-8	0	10,187	-0.08%
10,001 to 30,000	27	668	383	374	0.34%	62	16	328	-2	90,812	0.36%
30,001 to 50,000	40	840	340	606	0.55%	52	14	568	7	119,655	0.47%
50,001 to 75,000	49	1,252	336	1,049	0.95%	19	14	1,044	34	135,091	0.77%
75,001 to 100,000	113	1,254	278	1,159	1.05%	15	8	1,152	52	118,732	0.97%
100,001 to 200,000	321	5,738	652	5,580	5.03%	114	51	5,517	375	301,542	1.83%
200,001 to 500,000	378	12,008	458	12,060	10.88%	98	140	12,102	1,008	248,223	4.88%
500,001 to 1,000,000	109	9,911	105	9,956	8.98%	94	181	10,043	944	94,246	10.66%
1,000,001 to 2,000,000	88	8,866	36	8,928	8.05%	89	238	9,078	962	59,229	15.33%
2,000,001 to 5,000,000	93	11,120	14	11,213	10.11%	82	492	11,623	1,311	54,448	21.35%
5,000,001 to \$10,000,000	137	8,548	3	8,682	7.83%	53	506	9,135	1,048	31,330	29.16%
\$10,000,001 and over	149	49,167	2	49,325	44.49%	146	1,550	50,729	5,588	100,926	50.26%
2016 Total	1,530	111,576	2,934	110,865	100.00%	914	3,268	113,219	11,327	1,331,631	8.50%
2015 Total	-131	119,592	2,659	118,451	100.00%	915	2,517	120,063	12,175	1,287,438	9.33%
2015-2016 Difference	\$1,661	-\$8,016	\$276	-\$7,586		-\$1	\$751	-\$6,844	-\$848	\$44,193	-0.82%

1/ Figures may not add due to taxpayer inconsistencies in reporting and rounding.

2/ We treat capital gains as the last dollar at the highest marginal rate.

Source: California Franchise Tax Board 2016 Final PIT Sample Dataset.

FRANCHISE TAX BOARD
Personal Income Tax
Capital Gains for 2016
Resident Returns

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Tax Year	Net Capital Gains ¹ (Millions)	Capital Loss Carryovers (Millions)	Capital Gains Taxes (Millions)
1996	\$33,380		
1997	12,151	\$17,499	\$3,766
1998	61,370	20,101	4,926
1999	94,096	23,690	7,682
2000	119,975	40,192	10,192
2001	49,108	60,630	3,965
2002	33,404	58,404	2,670
2003	45,763	64,791	3,650
2004	75,454	55,792	6,096
2005	112,743	58,880	9,220
2006	117,958	51,333	9,622
2007	131,779	54,323	10,877
2008	56,283	85,994	4,553
2009	28,647	97,229	2,252
2010	55,002	95,906	4,687
2011	52,101	94,797	4,150
2012	100,527	92,575	9,259
2013	78,864	82,923	7,738
2014	114,230	78,977	11,666
2015	118,451	84,264	12,175
2016	110,865	93,679	11,327

1/ Gains reported on Federal 1040 before CA Adjustments.
Source: California Franchise Tax Board PIT Sample Datasets.

FRANCHISE TAX BOARD
Personal Income Tax
Capital Gains for 2016
Resident Returns

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Short Term

Tax Year	Gross Gain (Millions)	Gross Loss (Millions)	Carry-In (Millions)	Carry-Out¹ (Millions)
2002	\$7,616	\$29,834	\$20,793	\$26,157
2003	5,737	29,226	29,086	26,343
2004	5,957	24,078	21,799	21,137
2005	7,691	26,998	21,454	23,900
2006	8,122	25,775	22,602	22,746
2007	9,740	22,758	18,847	19,111
2008	3,897	52,348	20,346	44,777
2009	7,266	42,160	41,536	39,246
2010	6,932	38,845	39,835	35,839
2011	4,728	40,554	34,184	35,823
2012	5,720	39,909	36,564	35,950
2013	8,045	36,880	33,537	33,268
2014	7,710	37,104	33,135	32,824
2015	5,810	41,454	29,681	34,720
2016	\$5,697	\$40,969	\$31,709	\$36,048

Long Term

Tax Year	Gross Gain (Millions)	Gross Loss (Millions)	Carry-In (Millions)	Carry-Out¹ (Millions)
2002	\$38,597	\$36,676	\$18,785	\$34,339
2003	47,422	42,983	34,484	40,395
2004	76,096	39,050	36,085	36,858
2005	112,230	38,823	34,283	36,819
2006	116,936	32,398	30,461	30,592
2007	127,579	38,368	34,252	36,802
2008	65,958	48,206	32,282	46,186
2009	29,959	64,062	40,753	61,007
2010	56,010	65,433	52,863	62,816
2011	58,099	64,346	61,698	62,220
2012	102,811	61,666	58,073	59,519
2013	77,813	54,233	51,249	52,312
2014	113,334	50,404	49,403	48,807
2015	121,719	53,506	48,563	52,043
2016	\$113,804	\$62,057	\$52,900	\$60,291

1/ Calculated based upon allowable losses.

Source: California Franchise Tax Board 2002 - 2016 PIT Sample Datasets.

FRANCHISE TAX BOARD
Personal Income Tax
Resident and Non-Resident Returns

Exhibit A-5
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Form 541
Fiduciary Tax Liability Revenue
1998 through 2017

Tax Year	All Tax Liability		Positive Total Tax Liability Allowed			Positive Total Tax Liability Allowed Historical Nov Prelim	
	Number	AGI Amount (Millions)	Number	Amount (Millions)	AGI Amount (Millions)	Number	Amount (Millions)
1998			106,740	\$410		82,208	\$232
1999			109,569	470		101,124	400
2000			142,954	605		137,693	533
2001			86,416	285		82,204	252
2002			71,822	230		68,013	205
2003			76,698	330		72,103	280
2004			95,709	551		86,106	416
2005			110,862	768		95,945	486
2006			124,394	1,013		107,558	563
2007			134,727	1,449		117,412	576
2008			83,193	602		71,728	368
2009	352,782	\$7,339	73,433	493	\$5,743	61,451	225
2010	354,701	8,720	81,122	578	6,979	71,192	363
2011	360,534	8,509	90,358	605	7,047	67,193	373
2012	370,073	14,138	105,123	1,089	10,746	94,171	777
2013	377,385	12,874	116,540	978	9,887	81,973	765
2014	380,975	16,521	126,991	1,212	12,450	78,692	809
2015	378,984	16,906	123,093	1,430	13,132	110,852	935
2016	373,619	13,714	115,049	1,151	10,979	109,625	986
2017 ¹	358,176	\$15,799			\$11,941	122,301	\$1,272

1/ Preliminary

TI Master File through November 11, 2018. Previous and Prior are accrued back to the appropriate year in this Source: BIDS.

FRANCHISE TAX BOARD
Revenues from FTB Withholding Programs
Resident and Non-Resident Returns

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Process Year		Revenue from All Withholding Programs (Millions)	Real Estate Withholding (Millions)	All Other Withholding ¹ (Millions)
2010	Total	\$625	\$308	\$318
2011	Total	684	255	428
2012	Total	980	413	567
2013	Total	1,471	755	716
2014	Total	1,822	1,046	776
2015	Total	2,196	1,285	911
2016	Jan	417	143	274
	Feb	102	79	23
	Mar	119	89	29
	Apr	281	100	181
	May	225	122	103
	Jun	280	127	153
	Jul	136	113	23
	Aug	132	111	21
	Sep	319	121	198
	Oct	139	108	31
	Nov	118	107	11
	Dec	83	64	19
	Total		2,352	1,284
2017	Jan	471	171	300
	Feb	105	82	23
	Mar	196	110	86
	Apr	249	102	147
	May	213	128	85
	Jun	319	131	188
	Jul	178	129	49
	Aug	149	134	15
	Sep	302	115	187
	Oct	189	119	70
	Nov	151	127	24
	Dec	74	59	15
	Total		2,596	1,405
2018	Jan	591	179	412
	Feb	104	75	29
	Mar	174	115	59
	Apr	412	149	263
	May	171	140	32
	Jun	319	136	183
	Jul	176	144	32
	Aug	154	135	19
	Sep	352	124	228
	Oct	187	130	57
	Nov	122	107	15
	Total		\$2,761	\$1,433

1/ Independent Contractor, Foreign NR Partners, Domestic NR Partners,
Backup Withholding, VDP/FCA, Interest, Other
Source: WSCS Monthly Revenue Statistical Reports.

FRANCHISE TAX BOARD
Personal Income Tax
Total Tax Liability
Tax Years 1997 Through 2017
Non-Resident Returns

Exhibit A-7
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Tax Year	Number of Returns	Total Tax Liability (Millions)
1997	596,645	\$989
1998	589,326	1,116
1999	590,407	1,188
2000	636,000	1,510
2001	623,887	1,254
2002	608,143	1,845
2003	626,181	1,371
2004	680,451	1,686
2005	738,171	2,180
2006	752,481	2,288
2007	827,997	2,695
2008	803,822	2,272
2009	755,884	2,017
2010	802,797	2,234
2011	843,458	2,361
2012	895,476	3,178
2013	984,991	3,235
2014	1,060,183	3,921
2015	1,075,697	4,088
2016	1,114,139	4,278
2017¹	1,158,222	\$4,126

1/ Data through December 2, 2018.
Source: PIT Population Datasets 1997 - 2017.

FRANCHISE TAX BOARD

Exhibit A-8

Personal Income Tax

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Tax-Weighted Distribution of Income by Source

Tax Years 2013-2016

Resident Returns

Income Item	% Distribution							
	Unweighted				Tax-Weighted ²			
	2013	2014	2015	2016	2013	2014	2015	2016
Wages	71.5%	69.1%	69.1%	70.2%	60.7%	57.3%	57.8%	59.2%
Taxable Interest	1.1%	1.0%	1.0%	1.0%	1.3%	1.2%	1.1%	1.1%
Ordinary Dividend	2.4%	2.8%	2.6%	2.6%	3.2%	3.7%	3.4%	3.4%
Business Income	4.4%	4.0%	4.1%	4.0%	3.0%	2.8%	2.9%	2.8%
Capital Gain	7.1%	9.4%	9.1%	8.3%	13.0%	16.8%	16.2%	14.8%
IRA Distribution	2.0%	2.0%	2.1%	1.9%	1.4%	1.4%	1.4%	1.3%
Pension Income	6.1%	5.9%	5.8%	5.6%	3.8%	3.6%	3.5%	3.4%
Rental/Royalty Income	0.7%	0.8%	0.7%	0.8%	1.0%	1.0%	1.0%	1.0%
Partnership Income	6.4%	6.4%	6.8%	6.7%	11.4%	10.8%	11.4%	11.7%
Other Income	-1.8%	-1.3%	-1.2%	-1.2%	1.3%	1.4%	1.3%	1.2%
Adjusted Total Income¹	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

1/ Income is Federal Total Income adjusted for income sources exempt from tax in California. Excluded income sources are: state tax refund, taxable social security income, and unemployment insurance income.

2/ Per tax return adjustment = (Total tax minus child and dependent care credit) divided by adjusted total income.

Source: 2013-2016 Final PIT Samples

FRANCHISE TAX BOARD

Exhibit A-9

Personal Income Tax

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Comparison of Resident E-Filed Returns

2017 and 2018 Process Years

Processed between January 1 and November 10

Adjusted Gross Income Class	PY17 # of Returns	PY18 # of Returns	% Change	PY17 Net Totals	PY18 Net Totals	% Change
Total						
L7 Wages	11,861,057	12,253,756	3.3%	\$823,721,368,473	\$887,248,772,612	7.7%
L8A Taxable Interest	5,359,222	5,606,109	4.6%	10,521,065,314	11,826,560,118	12.4%
L9A Ordinary Dividends	3,212,364	3,362,960	4.7%	27,987,217,356	31,967,420,856	14.2%
L12 Business Income	3,220,251	3,380,977	5.0%	47,391,032,776	49,052,020,331	3.5%
L13 Capital Gain	3,377,622	3,631,356	7.5%	90,025,996,324	120,750,618,485	34.1%
L15B IRA Distributions	1,764,425	1,886,785	6.9%	22,751,980,092	25,550,760,092	12.3%
L16B Pensions/Annuities	4,770,693	4,945,285	3.7%	64,337,593,019	68,638,836,032	6.7%
L17 Schedule E Income	2,567,582	2,641,009	2.9%	94,689,229,286	100,054,337,005	5.7%
L19 Unemployment Compensation	1,653,681	1,734,820	4.9%	4,030,319,103	4,149,207,081	2.9%
L20B Social Security	1,896,568	2,077,512	9.5%	24,412,340,772	26,457,363,717	8.4%
L21 Other Income	1,751,342	1,836,539	4.9%	-16,977,283,397	-16,179,229,126	4.7%
L22 Total Income	12,648,580	13,010,847	2.9%	1,163,038,044,059	1,276,224,956,976	9.7%
L10 Schedule A Mortgage Interest Ded	3,742,429	3,861,065	3.2%	44,379,303,242	48,398,396,619	9.1%
L17 CA AGI	14,419,035	14,845,323	3.0%	1,200,257,319,174	1,315,882,735,362	9.6%
L18 Deduction	14,276,075	14,663,484	2.7%	203,553,915,353	207,018,722,232	1.7%
L19 Taxable Income	13,562,956	13,961,129	2.9%	1,024,572,452,539	1,129,880,346,856	10.3%
L31 Computed Tax	13,261,106	13,623,113	2.7%	66,205,296,004	75,099,788,511	13.4%
L47 Special Credits	2,582,793	2,682,304	3.9%	1,361,942,345	1,520,569,413	11.6%
L62 Mental Health Services Tax	58,311	69,281	18.8%	1,319,703,908	1,660,083,559	25.8%
L64 Total Tax	9,047,907	9,436,097	4.3%	62,768,768,235	71,711,377,725	14.2%
L92 Credit Carryforward	418,176	408,733	-2.3%	4,851,623,731	5,512,926,471	13.6%
L95 Use Tax	84,287	279,578	231.7%	\$17,866,450	\$34,475,194	93.0%

1040 comparison for Lines 7 thru 22 and Schedule A Line 10.

540 comparison for Lines 17 thru 95.

Tax Year	CA Resident Returns	CA AGI E-filed Returns	% E-filed Returns
2010	14,814,546	11,423,481	77.1%
2011	15,042,368	12,083,467	80.3%
2012	15,152,753	12,480,984	82.4%
2013	15,487,117	13,078,122	84.4%
2014	15,823,183	13,603,156	86.0%
2015	16,188,115	14,136,826	87.3%
2016	16,313,879	14,413,597	88.4%
2017	16,677,605	14,845,323	89.0%

FRANCHISE TAX BOARD
Personal Income Tax
Changes in Income Composition
Resident Returns
1996 Through 2016

Exhibit A-13
Page 1 of 2

Year	AGI Threshold	AGI		Wages		Interest Income		Business Income		Capital Gains		Schedule E Income		Retirement Income	
	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %
		(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)	(Billions)
1996	\$112,709	\$519.5	\$166.9	\$376.6	\$90.7	\$19.3	\$10.7	\$28.4	\$10.9	\$32.8	\$27.3	\$23.3	\$21.5	\$38.6	\$5.2
1997	121,650	576.4	194.2	407.6	100.2	19.9	11.5	31.1	11.7	46.3	38.4	27.7	24.9	42.7	6.4
1998	128,747	631.9	218.3	440.0	110.2	21.4	12.0	35.8	12.9	56.8	47.9	31.1	28.0	47.3	7.1
1999	140,765	725.7	279.6	489.4	133.1	21.0	12.4	36.1	13.5	92.8	80.8	36.8	32.2	51.5	8.0
2000	154,285	837.5	350.5	555.0	164.8	24.2	14.9	38.8	15.3	119.3	106.2	41.3	35.7	55.8	8.8
2001	147,460	759.8	263.1	551.1	143.7	23.5	14.5	37.9	13.8	48.6	44.0	44.4	38.2	56.8	7.7
2002	145,603	735.4	238.6	544.2	132.7	16.4	7.2	39.0	14.4	33.2	30.4	48.5	42.5	57.4	7.5
2003	151,297	766.8	259.5	555.4	137.3	15.4	7.3	41.3	14.4	45.3	41.4	54.2	46.7	58.2	7.3
2004	160,782	850.5	312.7	590.5	149.9	14.9	7.8	42.8	15.5	74.6	68.1	62.0	55.1	62.1	8.1
2005	171,530	941.6	372.1	623.9	161.4	20.3	10.8	47.7	16.8	111.3	100.5	69.4	62.3	66.7	9.3
2006	178,201	1002.6	398.6	663.1	173.3	28.9	15.5	46.7	15.7	116.5	105.4	68.5	63.0	72.3	10.2
2007	186,568	1076.3	432.5	710.4	189.3	33.5	17.1	45.2	16.1	128.8	116.0	70.1	64.6	79.9	11.4
2008	183,323	997.7	358.3	713.1	186.8	26.5	12.6	43.9	15.3	54.7	52.3	70.3	63.9	85.7	12.1
2009	176,423	912.8	306.9	675.4	177.2	19.6	9.2	40.8	13.5	27.6	26.0	68.5	60.7	84.7	10.6
2010	182,400	973.7	356.5	694.3	190.5	16.3	9.4	43.1	13.9	54.1	51.5	73.1	64.0	95.1	14.3
2011	190,594	1017.0	371.9	723.0	202.1	15.3	9.4	46.9	14.7	50.4	47.2	80.2	69.5	102.7	15.7
2012	206,063	1144.6	462.5	776.5	229.1	14.3	9.1	49.1	16.0	97.4	92.3	94.3	80.2	109.5	17.0
2013	204,516	1091.2	427.3	791.2	228.7	13.4	8.0	49.2	15.4	79.9	68.1	87.6	78.3	113.0	15.2
2014	215,841	1207.5	496.1	844.0	248.3	13.2	8.2	49.6	16.7	115.5	100.6	96.7	86.5	121.0	16.4
2015	224,854	1287.4	528.9	898.1	265.3	13.1	8.2	53.8	17.9	120.1	105.8	107.5	95.2	128.9	17.2
2016	\$230,223	\$1,331.6	\$536.6	\$941.2	\$273.4	\$13.8	\$8.7	\$54.0	\$17.5	\$113.2	\$101.1	\$112.9	\$99.1	\$130.0	\$17.0

FRANCHISE TAX BOARD
Personal Income Tax
Changes in Income Composition by %
Resident Returns
1996 Through 2016

Year	AGI Threshold	Wages		Interest Income		Business Income		Capital Gains		Schedule E Income		Retirement Income	
	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %	All Returns	Top 5 %
1996	\$112,709	72.5%	54.3%	3.7%	6.4%	5.5%	6.5%	6.3%	16.4%	4.5%	12.9%	7.4%	3.1%
1997	121,650	70.7%	51.6%	3.5%	5.9%	5.4%	6.0%	8.0%	19.8%	4.8%	12.8%	7.4%	3.3%
1998	128,747	69.6%	50.5%	3.4%	5.5%	5.7%	5.9%	9.0%	21.9%	4.9%	12.8%	7.5%	3.2%
1999	140,765	67.4%	47.6%	2.9%	4.4%	5.0%	4.8%	12.8%	28.9%	5.1%	11.5%	7.1%	2.9%
2000	154,285	66.3%	47.0%	2.9%	4.3%	4.6%	4.4%	14.2%	30.3%	4.9%	10.2%	6.7%	2.5%
2001	147,460	72.5%	54.6%	3.1%	5.5%	5.0%	5.2%	6.4%	16.7%	5.8%	14.5%	7.5%	2.9%
2002	145,603	74.0%	55.6%	2.2%	3.0%	5.3%	6.0%	4.5%	12.7%	6.6%	17.8%	7.8%	3.1%
2003	151,297	72.4%	52.9%	2.0%	2.8%	5.4%	5.5%	5.9%	16.0%	7.1%	18.0%	7.6%	2.8%
2004	160,782	69.4%	47.9%	1.8%	2.5%	5.0%	5.0%	8.8%	21.8%	7.3%	17.6%	7.3%	2.6%
2005	171,530	66.3%	43.4%	2.2%	2.9%	5.1%	4.5%	11.8%	27.0%	7.4%	16.7%	7.1%	2.5%
2006	178,201	66.1%	43.5%	2.9%	3.9%	4.7%	3.9%	11.6%	26.4%	6.8%	15.8%	7.2%	2.6%
2007	186,568	66.0%	43.8%	3.1%	4.0%	4.2%	3.7%	12.0%	26.8%	6.5%	14.9%	7.4%	2.6%
2008	183,323	71.5%	52.1%	2.7%	3.5%	4.4%	4.3%	5.5%	14.6%	7.0%	17.8%	8.6%	3.4%
2009	176,423	74.0%	57.7%	2.1%	3.0%	4.5%	4.4%	3.0%	8.5%	7.5%	19.8%	9.3%	3.5%
2010	182,400	71.3%	53.4%	1.7%	2.6%	4.4%	3.9%	5.6%	14.4%	7.5%	18.0%	9.8%	4.0%
2011	190,594	71.1%	54.3%	1.5%	2.5%	4.6%	4.0%	5.0%	12.7%	7.9%	18.7%	10.1%	4.2%
2012	206,063	67.8%	49.5%	1.2%	2.0%	4.3%	3.5%	8.5%	20.0%	8.2%	17.3%	9.6%	3.7%
2013	204,516	72.5%	53.5%	1.2%	1.9%	4.5%	3.6%	7.3%	15.9%	8.0%	18.3%	10.4%	3.6%
2014	215,841	69.9%	50.1%	1.1%	1.7%	4.1%	3.4%	9.6%	20.3%	8.0%	17.4%	10.0%	3.3%
2015	224,854	69.8%	50.2%	1.0%	1.6%	4.2%	3.4%	9.3%	20.0%	8.4%	18.0%	10.0%	3.3%
2016	\$230,223	70.7%	51.0%	1.0%	1.6%	4.1%	3.3%	8.5%	18.8%	8.5%	18.5%	9.8%	3.2%

Source: PIT Samples 1996-2016.

FRANCHISE TAX BOARD

Personal Income Tax

Selected Income Items for California Residents

Preliminary 2017 Tax Year Estimates

Income Item	Timely		Extension		Total	
	Amount (Millions)	% Growth	Amount ¹ (Millions)	% Growth	Amount (Millions)	% Growth
Adjusted Gross Income	\$1,068,350	5.1%	\$359,706	14.3%	\$1,428,056	7.3%
Taxable Income	907,810	5.3%	341,329	15.1%	1,249,139	7.8%
Wages	831,244	3.5%	155,136	13.1%	986,380	4.9%
Net Business Income	34,909	1.6%	21,171	10.9%	56,080	4.9%
Capital Gains	48,622	35.6%	114,636	48.3%	163,258	44.3%
Capital Losses	-1,900	-17.5%	-569	-9.8%	-2,469	-15.8%
Net Capital Gains	46,722	39.3%	114,067	48.7%	160,789	45.9%
Interest	5,498	4.9%	9,115	14.7%	14,613	10.8%
Dividend	18,651	10.4%	21,246	20.7%	39,897	15.7%
Net Rental Income	7,268	7.2%	4,834	17.2%	12,102	11.0%
Net Partnership and S-Corp Income	34,611	-0.5%	59,282	7.4%	93,893	4.4%
Taxable IRA Distributions	24,335	12.9%	5,496	23.4%	29,831	14.7%
Taxable Pension Distributions	73,193	7.9%	9,173	18.0%	82,366	8.9%
Medical Expenses Deduction	10,052	13.7%	3,011	24.3%	13,063	16.0%
Personal Property and Other Taxes	2,240	9.6%	404	19.8%	2,644	11.0%
Mortgage Interest Deduction	45,260	-0.1%	11,101	9.1%	56,361	1.6%
Investment Interest Deduction	532	7.5%	2,659	17.5%	3,191	15.7%
Total Contribution Deductions	\$17,890	5.1%	\$20,972	14.8%	\$38,862	10.1%

1/ Extension wages for 2017 (EW) is calculated by $EW = \text{Ratio} * TW * ET / TT$, where TW is 2017 Timely Wages, ET is 2017 Extension Taxable Income, TT is 2017 Timely Taxable income, and $\text{Ratio} = [2016 \text{ Extension wages} / 2016 \text{ Extension Income}] / [2016 \text{ Timely Wages} / 2016 \text{ Timely Income}]$. The extension amount for each of the other listed income items is calculated in a similar fashion.

Sources: PIT Return History Report, Return Analysis Database and PIT Sample.

FRANCHISE TAX BOARD
Personal Income Tax

Comparison of Estimates Made in November and PIT Sample Actuals for California Residents 2016
Tax Year

2016 Data Item	Estimate (Millions)	Actual (Millions)	Difference (Millions)	% Difference
Taxable Income	\$1,163,292	\$1,158,384	-\$4,908	-0.4%
Wages	943,765	940,286	-3,479	-0.4%
Business Income	59,991	60,325	334	0.6%
Business Losses	-6,870	-6,880	-10	0.1%
Capital Gains	105,205	113,167	7,962	7.6%
Capital Losses	-2,942	-2,933	9	-0.3%
Interest	12,296	13,191	895	7.3%
Partnership & S-Corp. Income	122,026	125,990	3,964	3.2%
Partnership & S-Corp. Losses	-33,996	-36,021	-2,025	6.0%
Taxable IRA Distributions	25,832	26,002	170	0.7%
Taxable Pension Distributions	\$75,411	\$75,601	\$190	0.3%
2015 Data Item	Estimate (Millions)	Actual (Millions)	Difference (Millions)	% Difference
Taxable Income	\$1,139,569	\$1,127,736	-\$11,833	-1.0%
Wages	908,703	898,002	-10,701	-1.2%
Business Income	60,132	59,726	-406	-0.7%
Business Losses	-3,759	-6,388	-2,629	70.0%
Capital Gains	115,130	121,124	5,994	5.2%
Capital Losses	-2,708	-2,670	38	-1.4%
Interest	12,659	12,391	-268	-2.1%
Partnership & S-Corp. Income	128,663	121,230	-7,433	-5.8%
Partnership & S-Corp. Losses	-35,218	-33,420	1,798	-5.1%
Taxable IRA Distributions	26,836	26,754	-82	-0.3%
Taxable Pension Distributions	\$75,174	\$74,865	-\$309	-0.4%
2014 Data Item	Estimate (Millions)	Actual (Millions)	Difference (Millions)	% Difference
Taxable Income	\$1,045,601	\$1,057,524	\$11,923	1.1%
Wages	843,504	844,138	634	0.1%
Business Income	55,282	55,414	132	0.2%
Business Losses	-11,064	-6,275	4,789	-43.3%
Capital Gains	126,183	116,826	-9,357	-7.4%
Capital Losses	-2,566	-2,549	17	-0.7%
Interest	12,171	12,433	262	2.2%
Partnership & S-Corp. Income	111,820	111,466	-354	-0.3%
Partnership & S-Corp. Losses	-33,902	-33,293	609	-1.8%
Taxable IRA Distributions	25,109	24,424	-685	-2.7%
Taxable Pension Distributions	\$71,969	\$71,492	-\$477	-0.7%

Source: Personal Income Tax Statistical Sample.

FRANCHISE TAX BOARD

Personal Income Tax

Stability of Source Income Ratios¹

1997 - 2016

Year	Wages	Business Income, Gains	Business Losses	Capital Gains	Capital Losses	Interest	Partnership Income	Partnership Losses	Taxable IRA Distributions	Taxable Pension Distributions
1997	0.6121	2.1488	2.2500	3.6344	1.1026	1.5381	4.7900	10.3042	0.8370	0.3893
1998	0.5871	2.1482	2.5283	3.2344	0.9216	1.4975	5.0783	8.7766	0.7365	0.3937
1999	0.5530	1.9980	2.0201	3.4535	0.9338	1.4379	4.2710	8.5807	0.5540	0.3788
2000	0.5312	1.7447	2.0521	3.2980	0.8526	1.4567	3.9963	8.5436	0.6003	0.3293
2001	0.6238	1.8824	1.9896	3.7412	0.8432	1.7362	4.9418	9.8379	0.6500	0.3817
2002	0.6000	2.3421	2.5562	3.9987	0.9602	2.3179	5.7429	10.7680	0.7167	0.4106
2003	0.5801	1.9400	2.2942	3.9764	0.9080	2.5226	5.4430	9.1087	0.5938	0.3654
2004	0.5081	1.6158	2.0760	3.9188	0.6535	2.2672	4.8951	8.1940	0.6727	0.3616
2005	0.4945	1.7289	1.8108	4.0098	0.6867	2.2147	4.9754	8.2492	0.5856	0.3652
2006	0.4617	0.9478	1.4871	4.0792	0.2190	1.8339	4.2274	7.6897	0.4301	0.3382
2007	0.4376	1.5257	1.8920	4.8927	0.6907	1.9578	5.6381	16.0868	0.5242	0.2921
2008	0.5266	1.8404	2.3018	6.5897	0.8775	2.3602	6.8566	19.2783	0.8193	0.3951
2009	0.5598	2.0331	2.2468	5.6230	0.9946	2.8981	6.3499	10.4437	0.8970	0.4289
2010	0.5140	1.7282	2.1143	6.8332	0.7871	3.2717	5.9071	9.4781	0.8164	0.3768
2011	0.5329	1.7077	2.0817	6.8011	0.8952	3.7890	5.8931	10.6353	0.7800	0.3795
2012	0.4887	1.5152	1.6646	7.4746	0.7451	3.4481	5.2951	9.4814	0.7688	0.3257
2013	0.5390	1.6115	2.0148	5.7824	0.8723	3.8645	5.8139	9.9831	0.6762	0.3549
2014	0.5189	1.5544	-0.0732	4.9302	0.8129	3.8411	5.5453	9.3464	0.5567	0.3200
2015	0.5007	1.5861	1.7890	5.5334	0.7949	3.8495	5.2717	9.0776	0.5684	0.3199
2016	0.4964	1.6375	1.8256	6.2706	0.7968	4.4095	5.6275	9.9505	0.6007	0.3333
Mean	0.5333	1.7618	1.9461	4.9038	0.8174	2.6256	5.3280	10.1907	0.6692	0.3620
Std. Deviation	0.0495	0.3022	0.5456	1.3551	0.1785	0.9674	0.7111	2.7494	0.1236	0.0349
Std. Error	0.0928	0.1715	0.2804	0.2763	0.2184	0.3685	0.1335	0.2698	0.1846	0.0964

1/ Ratio is equal to:

$$\frac{(\text{Extension Item} / \text{Extension Taxable Income})}{(\text{Timely Item} / \text{Timely Taxable Income})}$$
 12/2/18

FRANCHISE TAX BOARD

Personal Income Tax

Projected Mental Health Fund Adjustment ¹

Exhibit A-15

Page 1 of 1

Cash Flow				Tax Liability				Adjustment ²	
Fiscal Year	Transfer Amount (Millions)	Estimated Revenue (Millions)	Adjustment Amount (Millions)	Tax Year	Additional Amount (Millions)	Estimated Increase (Millions)	Adjustment Amount (Millions)	Calendar Year	Transfer Amount (Millions)
2004-05	\$170	\$254	-\$84	2004	\$0	\$0	\$0	2006	\$84
2005-06	895	683	212	2005	1,270	634	636	2007	424
2006-07	939	690	249	2006	1,346	672	674	2008	425
2007-08	983	733	250	2007	1,544	713	831	2009	581
2008-09	797	784	13	2008	1,010	758	252	2010	239
2009-10	799	839	-41	2009	706	811	-105	2011	-64
2010-11	905	898	7	2010	1,032	868	165	2012	157
2011-12	846	961	-115	2011	1,031	929	103	2013	218
2012-13	1,204	1,028	176	2012	1,650	994	656	2014	480
2013-14	1,187	1,100	87	2013	1,245	1,063	182	2015	94
2014-15	1,367	1,177	189	2014	1,791	1,138	654	2016	464
2015-16	1,424	1,259	164	2015	1,827	1,217	610	2017	446
2016-17	1,484	1,348	136	2016	1,711	1,302	409	2018	273
2017-18	1,675	1,442	234	2017	2,031	1,394	638	2019	404
2018-19	1,721	1,543	178	2018	2,303	1,491	812	2020	634
2019-20	\$1,821	\$1,651	\$170	2019	\$2,407	\$1,595	\$812	2021	\$642

1/ Projected amounts (bold font) are based on the most current personal and fiduciary return processing information, DOF Economic Forecast Planning Estimate as of October 2018, and most current estimate of PIT cash flows.

2/ Actual annual adjustment amounts calculated March 1st are then transferred during July.

**FRANCHISE TAX BOARD
Corporation Tax Law**

Exhibit B-1
Page 1 of 1

Accrual Estimates³

Payments	2016-2017 (Millions)	2017-2018 (Millions)	2018-2019 (Millions)	2019-2020 (Millions)
Estimate Payments	\$613	\$632	\$812	\$802
Return Remittances Payments	513	450	483	503
Net Final Payments Adjustment¹	10	16	22	28
Other	967	784	830	865
Total	2,104	1,882	2,148	2,198
Refunds	-1,354	-1,380	-1,560	-1,626
Budget Net	750	502	588	573
GAAP Adjustments²	705	148	264	291
GAAP Net	\$1,455	\$649	\$852	\$863

1/ Due to the passage of Prop 39

2/ Included: Chapter 751 Statutes of 2008 change to Sept estimated payments, Accelerated revenue estimate payments, Net final payments

3/ Numbers may have DOF adjustments to actuals due to Prop 39 and use DOF projections in their calculation.

**Reported in April 2018
Accrual Estimates³**

Payments	2016-2017 (Millions)	2017-2018 (Millions)	2018-2019 (Millions)
Estimate Payments	\$609	\$638	\$663
Return Remittances Payments	513	455	475
Net Final Payments Adjustment¹	10	16	22
Other	1,032	666	695
Total	2,164	1,775	1,855
Refunds	-1,425	-1,538	-1,607
Budget Net	739	238	249
GAAP Adjustments²	471	603	439
GAAP Net	\$1,209	\$841	\$688

1/ Due to the passage of Prop 39

2/ Included: Chapter 751 Statutes of 2008 change to Sept estimated payments, Accelerated revenue estimate payments, Net final payments

3/ Numbers may have DOF adjustments to actuals due to Prop 39 and use DOF projections in their calculation

FRANCHISE TAX BOARD
Corporation Tax Special Tax Credits Allowed
Selected Credits
2016 - 2017 Tax Years

Credit	Preliminary 2016 ⁴		Preliminary 2017 ⁵		Final 2016	Final 2017 ⁶
	Number	Amount (Thousands)	Number	Amount (Thousands)	Amount (Thousands)	Amount (Thousands)
Enterprise Zone Hiring and Sales²	6,207	\$373,588	5,472	\$293,922	\$385,547	\$311,729
Low-Income Housing	33	36,237	35	55,365	49,318	58,719
Prior Year Alternative Minimum Tax Research³	976	20,506	978	16,655	21,539	17,664
CA Motion Picture and TV Production	4,123	1,365,823	4,502	1,420,808	1,440,104	1,506,888
California Competes	9	47,783	10	41,124	49,612	43,615
New CA Motion Picture and TV Prod	108	13,093	148	13,889	15,148	14,730
	N/A	N/A	5	51,626	N/A	54,754
Total Credits Amount > \$10million	11,456	1,857,030	11,150	1,893,388	1,961,268	2,008,099
Manufacturer's Investment	14	109	0	0	55	0
Los Angeles Revitalization Zone	0	0	0	0	0	0
Child Care Contribution	13	15	10	18	15	19
Child Care Program	a	54	a	3	54	3
Prison Inmate Labor	a	3	a	5	5	5
Low Emission Vehicle	a	1	0	0	1	0
Solar Pump	4	27	a	12	40	13
LAMBRA	15	470	14	315	470	334
Disabled Access	143	10	164	14	10	15
Community Dev. Fin. Inst. Deposits	a	42	0	0	1,119	0
Targeted Tax Area Hire and Use	40	6,152	30	6,659	6,407	7,063
Solar Energy Systems	0	0	a	18	0	19
New Jobs	1,109	1,698	859	2,824	1,721	2,995
Donated Fresh Fruits or Vegetables	15	151	7	122	166	129
New Employment	105	342	121	536	249	568
College Access	17	226	6	25	226	26
New Advanced Strategic Aircraft	a	6,981	a	6,414	6,981	6,802
New Donated Fresh Fruits or Vegetable	N/A	N/A	9	113	7,981	120
Other	17	364	16	630	423	668
Total Credits Amount < \$10million	1,502	16,647	1,228	17,708	25,925	18,780
Preliminary Total	12,958	1,873,677	12,378	1,911,096	N/A	N/A
Tax Year Total¹	13,324	\$1,862,531	12,728	\$2,026,879	\$1,987,193	\$2,026,879

Note: The 2017 Tax Year Total and the Final 2017 column are estimates which account for returns are being processed.

a/ Data are not shown for table entries with small numbers of taxpayers but are included in the appropriate totals.

1/ Tax Year Total final for 2016 was determined to be 6.0% greater than Preliminary Total.

For 2017, Tax Year Total is estimated to be 6.1% greater than Preliminary Total.

2/ The 2017 Tax Year EZ Credit amount available is \$1,537 million, carryforward to the future years is \$1,243 million.

3/ The 2017 Tax Year Research Credit available is \$27,855 million, carryforward to the future years is \$26,434 million.

4/ Preliminary data (returns processed through November 14, 2017).

5/ Preliminary data (returns processed through December 03, 2018).

6/ Estimated using ratios of Preliminary individual credit amounts to Preliminary total, and applied to estimated total.

Source: Business Entities Tax System.

FRANCHISE TAX BOARD
Corporation Tax
Overpayment To and From Current Tax Year

Exhibit B-3
Page 1 of 1

Tax Year	Overpayments From Prior Year (Thousands)	Overpayments to Following Year (Thousands)
1996	\$1,371,449	\$1,433,451
1997	1,489,932	1,479,586
1998	1,601,122	1,804,830
1999	1,751,800	1,635,993
2000	1,654,094	1,698,278
2001	1,724,351	1,749,449
2002	1,689,638	1,838,500
2003	1,855,466	1,894,994
2004	2,004,468	2,089,895
2005	2,081,720	2,567,769
2006	3,011,366	3,149,442
2007	2,806,421	2,537,324
2008	2,582,482	2,524,811
2009	2,561,086	3,016,708
2010	3,131,367	3,179,330
2011	3,159,123	2,861,620
2012	3,245,936	3,153,687
2013	3,396,664	3,363,915
2014	3,369,026	3,156,475
2015	3,449,253	3,453,974
2016	\$3,314,723	\$3,326,038

Source: 1996-2015 Corporation Statistical Sample.
2016 BETS Extract (returns processed through December 03, 2018).

FRANCHISE TAX BOARD
Limited Liability Companies (LLC's)
1998 to 2017

Exhibit B-4
Page 1 of 1

Fiscal Year	New LLC Registrations ²	LLC Returns			
		Returns Received	LLC Tax Paid (Millions)	LLC Fee Paid (Millions)	Total Revenue (Millions)
1997/98	18,645	29,651	23	21	45
1998/99	24,898	44,702	37	35	72
1999/00	26,221	63,618	52	89	142
2000/01	26,186	81,259	69	141	209
2001/02	30,964	98,834	79	166	245
2002/03	35,958	116,294	93	186	279
2003/04	46,241	139,454	112	212	324
2004/05	58,097	165,007	135	248	382
2005/06	70,025	196,269	158	287	445
2006/07	73,337	222,545	183	320	503
2007/08	81,536	247,522	199	325	524
2008/09	76,482	270,888	217	626	843
2009/10	71,380	285,058	228	331	559
2010/11	75,051	314,676	252	360	611
2011/12	80,275	339,568	272	397	669
2012/13	89,841	378,690	303	428	731
2013/14	89,531	412,219	330	460	790
2014/15	110,585	440,013	352	526	878
2015/16	119,008	505,062	404	529	933
2016/17 ¹	141,751	560,757	\$449	\$596	\$1,045

1/ 2016/17 taxes and fees are projected from 2016 final data and 2017 data processed through Dec 3, 2018.

2/ Registrations are reported for the year of registration.

Source: Secretary of State; Tax data sourced from FTB Business Entities Section.

FRANCHISE TAX BOARD

Exhibit B-5

Corporation Tax

Page 1 of 2

Net Operating Loss

Aggregate Data Relating to Bank and Corporation NOLs

Income Year	NOLs Not Yet Deducted as of Beginning of Year ¹		Taxpayers With NOL Deductions		Amount of Carrybacks (Millions) ²	NOL's Generated (Millions)
	Number of Returns	Amount (Millions)	Number of Returns	Amount (Millions)		
1998	359,833	\$76,719	84,319	\$5,800		\$18,860
1999	300,330	64,869	82,294	5,600		24,261
2000	303,627	74,127	79,466	6,258		41,402
2001	316,837	99,129	78,439	6,317		44,411
2002	338,607	126,003	26,645	1,574		41,660
2003	418,664	164,987	0	0		33,821
2004	504,440	198,808	106,578	11,399		46,798
2005	502,113	224,572	130,609	13,626		59,287
2006	504,698	256,336	119,487	14,675		47,054
2007	521,833	270,362	116,766	12,073		64,916
2008	582,492	323,206	113,481	5,855		99,800
2009	653,374	417,150	118,171	3,110		106,569
2010	718,676	520,609	133,538	3,106		60,918
2011	754,615	578,422	139,326	3,367		63,906
2012	800,335	638,961	151,339	20,509		65,618
2013	857,431	684,070	164,862	22,278	\$2,944	44,234
2014	843,583	706,025	154,208	20,595	3,876	57,033
2015	924,937	742,464	151,907	23,466	5,024	59,710
2016	736,241	778,708	129,853	20,678	6,634	65,487
2017	768,051	\$823,517	116,331	\$18,068	\$5,800	\$62,410

1/ Includes unused but potentially usable NOL carryforwards due to S-Corp conversions as well as those associated with corporations that are active or have dissolved, merged, been suspended, become inactive, or been subsumed within combined reports.

2/ Calculated from the NOL model.

Source: California Franchise Tax Board, Business Entity Tax System as of Dec 3, 2018.

Detail may not add to totals due to rounding.

FRANCHISE TAX BOARD

Corporation Tax

Net Operating Loss

Distribution of NOL Stocks at the End of 2017

Income Year, by Vintage

Year NOL was Generated	Total NOLs Generated (Millions)	Total NOLs Deducted (Millions)	Subtractions for Expirations (Millions)	NOLs Remaining	
				Amount (Millions)	% Share
1998	\$18,860	\$4,962	\$13,898	\$0	0.0
1999	24,261	5,909	18,352	0	0.0
2000	41,402	10,837	0	30,565	3.5
2001	44,411	10,042	0	34,370	4.0
2002	41,660	10,606	0	31,054	3.6
2003	33,821	9,251	0	24,570	2.8
2004	46,798	11,598	0	35,200	4.1
2005	59,287	9,978	0	49,309	5.7
2006	47,054	9,902	0	37,152	4.3
2007	64,916	14,581	0	50,336	5.8
2008	99,800	16,974	0	82,827	9.6
2009	106,569	22,003	0	84,566	9.8
2010	60,918	12,037	0	48,881	5.6
2011	63,906	14,410	0	49,496	5.7
2012	65,618	12,509	0	53,109	6.1
2013	44,234	7,968	0	36,266	4.2
2014	57,033	9,149	0	47,884	5.5
2015	59,710	8,774	0	50,936	5.9
2016	65,487	8,609	0	56,878	6.6
2017	\$62,410	\$0	\$0	\$62,410	7.2
1998-2017 Totals	\$1,108,157	\$210,099	\$32,250	\$865,807	100.0

Source: California Franchise Tax Board, Business Entity Tax System as of Dec 3, 2018.

FRANCHISE TAX BOARD
Bank and Corporation Tax
California S Corporations: Aggregate Income and Tax Liability
2010-2017

Exhibit B-6
Page 1 of 2

Year ¹	Positive State Net Income						Negative State Net Income ²			All S Corporations		
	Tax Liability > Minimum Tax			Tax Liability = Minimum Tax								
	Number	SNI (Millions)	Tax Liability (Millions)	Number	SNI (Millions)	Tax Liability (Millions)	Number	SNI (Millions)	Tax Liability (Millions)	Number	SNI (Millions)	Tax Liability (Millions)
2010	111,963	\$44,526	\$653	174,200	\$7,054	\$140	162,733	-\$9,684	\$117	448,896	\$41,896	\$910
2011	112,286	44,516	652	175,092	7,132	141	164,300	-9,727	118	451,678	41,921	911
2012	121,508	52,721	766	183,525	9,030	148	161,068	-9,065	115	466,101	52,686	1,029
2013	130,060	47,592	693	185,810	9,323	150	169,073	-9,065	115	484,943	47,851	958
2014	148,865	59,190	863	194,328	9,033	156	176,245	-9,227	124	519,438	58,997	1,143
2015	167,355	71,436	1,035	204,171	9,432	163	181,974	-9,724	126	553,500	71,144	1,324
2016	175,396	73,296	1,055	204,015	9,181	163	180,990	-10,108	128	560,401	72,369	1,346
2017	188,248	\$79,807	\$1,175	213,609	\$9,555	\$171	194,022	-\$10,926	\$137	595,879	\$78,436	\$1,483

1/ Data for 2017 include returns processed through Dec 3, 2018.

2/ Data include corporations reporting zero SNI.

Source: California Franchise Tax Board, Business Entity Tax System.

FRANCHISE TAX BOARD
Band and Corporation Tax
California C Corporations: Aggregate Income and Tax Liability
2010-2017

Year ¹	Positive State Net Income						Negative State Net Income ²			All C Corporations		
	Tax Liability > Minimum Tax			Tax Liability = Minimum Tax			Number	SNI (Millions)	Tax Liability (Millions)	Number	SNI (Millions)	Tax Liability (Millions)
	Number	SNI (Millions)	Tax Liability (Millions)	Number	SNI (Millions)	Tax Liability (Millions)						
2010	\$65,133	\$104,477	\$7,223	82,363	\$2,817	\$66	189,928	-\$52,465	\$130	337,424	\$54,829	\$7,419
2011	66,486	99,261	6,749	85,313	2,964	68	187,704	-52,849	131	339,503	49,376	6,948
2012	66,292	90,864	5,575	86,443	3,125	69	186,856	-53,993	138	339,591	39,996	5,782
2013	63,520	96,759	6,066	82,976	3,527	66	176,974	-48,001	131	323,470	52,285	6,263
2014	72,158	114,326	7,303	81,130	3,721	63	176,645	-52,282	120	329,932	65,766	7,486
2015	74,313	122,997	7,656	80,037	3,083	64	176,511	-55,233	120	330,861	70,847	7,840
2016	72,456	114,860	7,431	72,572	2,690	58	164,807	-61,436	127	309,835	56,114	7,380
2017	74,848	\$109,130	\$7,066	70,750	\$2,735	\$57	172,287	-\$63,796	\$140	317,885	\$48,069	\$7,263

1/ Data for 2017 include returns processed through Dec 3, 2018.

2/ Data include corporations reporting zero SNI.

Source: California Franchise Tax Board, Business Entity Tax System.

FRANCHISE TAX BOARD
SNI by Corporation Type
1997 - 2016

SNI By Year for Financial versus Non-Financial C Corporations
Corporations with SNI>0

Years	Financial		Non-Financial		Total	
	Number	Amount (Millions)	Number	Amount (Millions)	Number	Amount (Millions)
1997	12,472	\$11,990	162,294	\$51,949	174,766	\$63,939
1998	12,112	11,294	164,424	51,691	176,536	62,986
1999	9,490	10,118	176,953	54,635	186,443	64,754
2000	8,850	11,884	162,160	64,256	171,010	76,141
2001	8,035	13,323	161,356	51,107	169,391	64,430
2002	8,063	17,327	156,533	47,676	164,596	65,003
2003	6,700	19,416	151,104	51,573	157,804	70,990
2004	7,730	20,494	160,766	67,198	168,496	87,692
2005	8,780	21,714	161,545	89,277	170,325	110,991
2006	8,525	24,782	162,164	104,759	170,689	129,540
2007	8,553	21,385	160,144	100,627	168,697	122,012
2008	8,971	16,794	151,786	94,238	160,757	111,032
2009	6,674	14,846	133,710	77,195	140,384	92,041
2010	8,091	20,412	133,953	89,978	142,044	110,390
2011	8,378	22,607	137,581	78,219	145,959	100,825
2012	10,733	22,553	137,644	72,143	148,377	94,696
2013	6,386	24,133	142,596	75,066	148,982	99,199
2014	10,799	31,393	138,459	83,720	149,258	115,113
2015	10,643	34,761	140,878	88,515	151,521	123,276
2016	1,122	\$17,252	149,524	\$103,761	150,646	\$121,012

SNI By Year for Financial versus Non-Financial C Corporations
Corporations with SNI<=0

Years	Financial		Non-Financial		Total	
	Number	Amount (Millions)	Number	Amount (Millions)	Number	Amount (Millions)
1997	10,888	-\$3,734	115,470	-\$21,977	126,358	-\$25,711
1998	9,978	-3,053	119,987	-28,476	129,965	-31,530
1999	8,915	-2,974	129,050	-39,017	137,965	-41,991
2000	8,835	-4,963	131,579	-63,643	140,414	-68,606
2001	7,998	-4,739	140,591	-65,248	148,589	-69,987
2002	7,915	-4,685	152,019	-54,496	159,934	-59,181
2003	8,758	-4,771	154,271	-42,810	163,029	-47,582
2004	10,365	-3,892	155,241	-37,776	165,606	-41,668
2005	9,571	-3,067	154,141	-37,191	163,712	-40,258
2006	10,894	-3,813	155,171	-34,194	166,065	-38,007
2007	11,198	-8,776	157,288	-38,656	168,486	-47,431
2008	12,966	-34,357	159,632	-46,527	172,598	-80,884
2009	9,488	-16,122	158,923	-49,849	168,411	-65,971
2010	11,090	-11,928	153,430	-39,257	164,520	-51,186
2011	10,061	-9,451	150,270	-40,906	160,331	-50,357
2012	11,785	-5,799	154,051	-46,205	165,836	-52,004
2013	9,274	-6,196	153,988	-40,019	163,262	-46,215
2014	10,356	-5,272	154,377	-46,237	164,733	-51,509
2015	13,032	-6,024	156,870	-47,209	169,902	-53,233
2016	303	-\$989	175,156	-\$63,472	175,459	-\$64,461

Source: Corp Samples 1997-2016.

**FRANCHISE TAX BOARD
SNI by Corporation Type
1997 - 2016**

**SNI By Year for Financial versus Non-Financial S Corporations
Corporations with SNI>0**

Years	Financial		Non-Financial		Total	
	Number	Amount (Millions)	Number	Amount (Millions)	Number	Amount (Millions)
1997	7,277	\$1,923	80,150	\$17,844	87,427	\$19,767
1998	4,210	1,812	92,215	21,640	96,425	23,452
1999	4,292	2,186	93,708	24,765	98,000	26,951
2000	4,516	2,729	115,870	29,012	120,386	31,741
2001	5,799	2,819	119,684	26,334	125,483	29,153
2002	6,824	2,554	133,141	28,040	139,965	30,594
2003	9,602	3,438	154,188	30,649	163,790	34,087
2004	7,867	3,857	168,111	39,421	175,978	43,277
2005	9,773	3,884	188,881	47,937	198,654	51,821
2006	10,263	4,365	205,238	53,115	215,501	57,480
2007	10,282	5,250	216,865	53,561	227,147	58,811
2008	8,827	4,280	222,309	47,553	231,136	51,832
2009	10,859	3,239	235,362	40,142	246,221	43,381
2010	11,064	3,874	255,693	45,243	266,757	49,116
2011	11,652	4,172	276,313	48,590	287,965	52,762
2012	10,619	5,040	297,177	57,793	307,796	62,834
2013	15,151	4,734	309,173	53,503	324,324	58,237
2014	12,309	5,089	331,632	63,204	343,941	68,293
2015	13,912	6,948	353,199	73,033	367,111	79,981
2016	2,280	\$838	385,727	\$82,901	388,007	\$83,739

**SNI By Year for Financial versus Non-Financial S Corporations
Corporations with SNI<=0**

Years	Financial		Non-Financial		Total	
	Number	Amount (Millions)	Number	Amount (Millions)	Number	Amount (Millions)
1997	5,145	-\$359	50,061	-\$3,468	55,206	-\$3,827
1998	2,074	-289	55,569	-4,099	57,643	-4,388
1999	2,506	-294	56,124	-4,101	58,630	-4,395
2000	2,819	-523	63,215	-4,892	66,034	-5,415
2001	4,042	-452	72,552	-5,585	76,594	-6,037
2002	4,727	-445	81,632	-6,285	86,359	-6,730
2003	4,542	-480	100,144	-6,197	104,686	-6,676
2004	3,739	-424	103,004	-6,488	106,743	-6,912
2005	4,673	-302	113,696	-6,778	118,369	-7,080
2006	5,488	-740	126,620	-7,948	132,108	-8,689
2007	6,516	-1,096	139,091	-10,453	145,607	-11,549
2008	6,332	-972	151,536	-13,088	157,868	-14,059
2009	8,871	-1,268	163,787	-12,816	172,658	-14,084
2010	6,684	-1,060	158,220	-10,295	164,904	-11,355
2011	6,413	-861	153,648	-8,913	160,061	-9,774
2012	6,374	-477	155,701	-8,277	162,075	-8,754
2013	7,883	-757	156,590	-8,521	164,473	-9,278
2014	7,819	-698	162,330	-8,223	170,149	-8,921
2015	6,520	-500	170,540	-8,990	177,060	-9,490
2016	627	-\$114	185,621	-\$10,725	186,248	-\$10,839

Source: Corp Samples 1997-2016.

FRANCHISE TAX BOARD

Exhibit B-12

Corporation Tax

Page 1 of 1

**Preliminary 2016 Tax Year Data Compared to
Preliminary 2017 Tax Year**

APE	2016 Tax Year ¹			2017 Tax Year ¹			Growth	
	Positive Income Corps			Positive Income Corps			Positive Income Corps	
	Number (Thousands)	SNI (Millions)	Tax (Millions)	(Thousands)	SNI (Millions)	Tax (Millions)	SNI (Millions)	Tax (Millions)
Jan	3	\$7,134	\$462	3	\$6,799	\$467	-\$336	\$5
Feb	3	1,025	64	2	1,838	103	813	39
Mar	8	5,152	300	8	5,633	312	481	12
Apr	3	1,842	76	3	1,197	67	-644	-9
May	3	2,401	97	3	2,058	84	-343	-13
Jun	12	4,764	287	11	5,198	302	434	15
Jan-Jun	32	22,318	1,286	31	22,723	1,335	405	50
Jul	3	3,584	166	3	4,143	220	559	54
Aug	3	2,200	152	3	1,344	84	-856	-68
Sep	10	10,363	315	9	13,165	504	2,802	188
Oct	4	5,341	315	4	2,987	167	-2,354	-148
Nov	3	1,523	45	2	1,965	70	441	25
Dec Prelim	473	154,002	6,422	494	154,873	6,088	871	-333
Jul-Dec	495	177,014	7,415	516	178,478	7,133	1,464	-282
Dec Final	489	159,799	6,772	N/A	N/A	N/A	N/A	N/A
Preliminary Total	527	199,332	8,700	547	201,201	8,468	1,869	-232
Tax Year Total^{2,3}	539	\$204,751	\$9,005	558	\$206,671	\$8,765	\$1,920	-\$241

1/ 2016 data through November 14, 2017, 2017 data through December 03, 2018 .

2/ Note that for 2016 Tax Year, Total SNI for Positive Income returns exceeded Preliminary by 2.7%. Tax Year Total TAX was greater than Preliminary TAX by 3.5% for Positive Income Returns. For 2017, changes from Preliminary to Tax Year Total SNI for Positive Income Corporations are estimated greater by 2.7% and Tax Year Total TAX are estimated greater than Preliminary TAX by 3.5 %.

3/ For SNI and TAX, 2017 Tax Year Total estimates were obtained by calculating the ratio of the current year to the previous year amount .

Source: Business Entities Tax System.

