

# Aviation in California: Fact Sheet (MAY 2016)

## Aviation Facilities<sup>1</sup>

- **217** Public Use General Aviation Airports
- **27** Public Use Commercial Service Airports – 2,500 annual enplanements or more in 2014 (**23** report greater than 10,000 annual enplanements = Primary)
- **68** Special Use Airports
- **8** Seaplane Bases
- **163** Hospital & **196** Corporate, Police, Fire, or Private Heliports
- **22** Military/NASA Bases & **1** Joint Use Facility
- **108** Automated Weather Observation System Locations

## Scheduled Passenger Service<sup>2</sup>

- In CY 2015, **201.9 million passengers** traveled through California's Commercial airports, and the FAA AIP Passenger Entitlement Program awarded a total of \$57.1 million in FFY 2015 to 26 of these airports.
- California's share of national enplanements total: **89.1 million enplanements** or 12.3 Percent
- Nationally, eleven of California's commercial service airports ranked in the top 100 Primary Airports (2015). (LAX-2<sup>nd</sup>; SFO-7<sup>th</sup>; SAN-28<sup>th</sup>; OAK-36<sup>th</sup>; SNA-38<sup>th</sup>; SJC-41<sup>st</sup>; SMF-42<sup>nd</sup>; ONT-61<sup>st</sup>; BUR-62<sup>nd</sup>; LGB-72<sup>nd</sup>; & PSP-90<sup>th</sup>)

## Air Cargo<sup>2&3</sup>

- In CY 2015, **4.4 million U.S. Tons** of air cargo moved through 24 Commercial and GA airports, and the FAA AIP Cargo Airport Entitlement Program awarded **\$10.1 million** in FFY 2015 to ten CA airports.
- Thirteen California airports' share of U.S. Landed Weight: **6.2 U.S. Tons**, or **9.0 percent** (LAX-7<sup>th</sup>; OAK-11<sup>th</sup>; ONT-13<sup>th</sup>; SFO-21<sup>st</sup>; SAN-35<sup>th</sup>; MHR-63<sup>rd</sup>; SMF-75<sup>th</sup>; SJC-77<sup>th</sup>; LGB-96<sup>th</sup>; FAT-110<sup>th</sup>)
- The top four California airports accounted for 85.1 percent of the states reported landing weight.
- For more detailed information of the top 12 air cargo airports go to the Freight Planning Branch website. <http://transplanning.onramp.dot.ca.gov/freight-planning-fact-sheet-index>

## CA Certified Pilots and Registered Aircraft<sup>4</sup>

- General Aviation (GA) operations account for approximately four of every five aircraft operations.
- FAA Registered Aircraft (March 2015): **29,167** (10 percent of the U.S. total)
- FAA Certified Pilots (2013): **59,841** (10 percent of the U.S. total)

## Aviation's Economic Impact<sup>5</sup>

- Contribution to the U.S. Gross Domestic Product (GDP): **\$161.4 billion** (4.8 percent)
- Contribution to the U.S. employment: **1.2 million jobs** (5.5 percent of U.S. GDP)
- General Aviation's total economic output: **\$30.2 billion**
- California leads the nation in economic output (\$ in billions): Value of Air Freight Flow (\$88.7), Visitor Expenditures (Total \$85.1: including Airlines-\$82.9; GA-\$1.2; Travel Arrangements-\$1.0 [2<sup>nd</sup> to Texas]), Airline Operations (\$27.9), Manufacturing (\$25.3), Airport Operations (\$6.7), General Aviation (\$3.7), Air Couriers (\$5.9, 2<sup>nd</sup> to Tennessee)
- Impact of FAA Spending in California: **\$2.1 billion; 14,762 jobs** – includes payroll, facility, equipment, operations and research expenses
- In FY 2013, the California Legislature directed **\$6.73 million** to the Caltrans Division of Aeronautics for capital improvement projects.

## Emergency Preparedness Aviation Facilities<sup>6</sup>

- California's 244 public airports are potential staging areas for an emergency response in the case of a major catastrophic event.
- U.S. Forest Service, Fire & Aviation Management relies on aircraft to deliver equipment & supplies, transport and deploy personnel, reconnaissance, etc. <http://www.fs.fed.us/fire/aviation/>
  - **21** Federal Firefighting Airtanker Base
  - **2** Federal Firefighting Helibases
- Cal Fire firefighting bases are strategically located to provide air support within 20 minutes.  
Cal Fire Aviation Program: [http://www.fire.ca.gov/fire\\_protection/fire\\_protection\\_air\\_program.php](http://www.fire.ca.gov/fire_protection/fire_protection_air_program.php)
  - **13** Cal Fire Air Attack Bases (**23** Grumman S-2T 1, 200 gallon airtankers & **13** OV-10A airtactical aircraft)
  - **9** Cal Fire Helitack Bases (**11** Super Huey helicopters)

### Sources:

<sup>1</sup>Caltrans' AirportIQ System Manager and the 2015 Federal Aviation Administration's National Plan of Integrated Airport Systems; March ARB is the only Joint Use\* facility (\*Joint Use = March Inland Port Airport Authority is granted access to March Air Reserve Base runway for civil operations without the need for the aircraft operator to provide prior notification of landing or take-off during normal air traffic control tower operations)

<sup>2</sup>FAA 2015 CY ACAIS Boarding & CY All-Cargo Data Reports; FAA Fiscal Year 2015 AIP Entitlements Programs and the Division of Aeronautics

<sup>3</sup>Air Cargo Mode Choice and Demand Study, July 2010 by TranSystems [http://www.dot.ca.gov/hq/tpp/offices/ogm/key\\_reports\\_files/Air\\_Cargo\\_Mode\\_Choice\\_&\\_Demand\\_Study\\_080210.pdf](http://www.dot.ca.gov/hq/tpp/offices/ogm/key_reports_files/Air_Cargo_Mode_Choice_&_Demand_Study_080210.pdf)

<sup>4</sup>FAA 2013 General Aviation and Air Taxi Active Aircraft and Total Hours Flown

<sup>5</sup>The Economic Impact of Commercial Airports in 2013 (September 2013) - excludes 55 non-NPIAS airports <http://www.faa.gov>; The Impact of General Aviation on State and Local Economies (2014); GAMA Contribution of General Aviation to the US Economy (February 2015)

<sup>6</sup>2013 Interagency Airtanker Base Directory (NFES #2537) <http://airtanker.org/wp-content/uploads/2013/02/2013-ATB-Directory.pdf>

**Federal Aviation Administration (FAA)**

The Airport and Airway Trust Fund (AATF) enacted total for FFY 2015 is \$15.9 billion for operations; facilities & equipment; research, engineering & development; and airport grants. (AATF Fact Sheet April 2014- includes sequestration)

In FFY 2015, the FAA Airport Improvement Program approved \$246.7 million in grants to California's airports.

FAA AIP Grant By Airport Type	# of Grants	Amount Awarded
Commercial Service & Primary	39	\$193,867,123
Reliever	15	\$22,374,698
General Aviation	60	\$30,415,872
	<b>114</b>	<b>\$246,657,693</b>

**California Aid to Airports Program (CAAP) Grants**

FY 2014/15: \$6.73 million

- State AIP Matching Grants (46): \$1.25 million
- Annual Credit Grants (144 of 149): \$1.44 million
- Acquisition & Development Grants (23): \$4.04 million

**California Aviation System Plan: CIP**

The 2015 Capital Improvement Plan (CIP) total estimated project cost is \$3.21 billion – [\$1.30 billion at General Aviation Airports and \$1.91 billion at Commercial Service Airports (2016-2025 CIP)].

**Historical Record of CA General Aviation Fuel Sales & State Excise Tax Revenue**

Fiscal Year	AvGas <sup>1</sup> Gallons Sold (in millions)	Jet Fuel <sup>2</sup> Gallons Sold (in millions)	Fuel Gallons Sold (in millions)	Aeronautics Account Revenue <sup>5</sup>		
				Avgas	Jet Fuel	Annual Total
2000-01	27.9	133.2	<b>161.1</b>	\$5,030,000	\$2,664,000	<b>\$7,694,000</b>
2001-02	28.8	120	<b>148.8</b>	\$5,200,000	\$2,400,000	<b>\$7,600,000</b>
2002-03	28.1	122.6	<b>150.7</b>	\$5,100,000	\$2,452,000	<b>\$7,552,000</b>
2003-04	27.3	135.7	<b>163.0</b>	\$4,922,000	\$2,832,000	<b>\$7,754,000</b>
2004-05	23.6	144.3	<b>167.9</b>	\$4,858,000	\$2,763,000	<b>\$7,622,000</b>
2005-06	25.8	149.2	<b>175.0</b>	\$4,408,000	\$3,001,000	<b>\$7,409,000</b>
2006-07	24.7	149.8	<b>174.5</b>	\$2,006,000	\$5,284,000	<b>\$7,290,000</b>
2007-08	28.9	152.7	<b>181.6</b>	\$3,831,000	\$3,627,000	<b>\$7,458,000</b>
2008-09	19.2	123.8	<b>143.0</b>	\$4,457,000	\$2,774,000	<b>\$7,232,000</b>
2009-10	19.6	112.3	<b>131.9</b>	\$3,459,000	\$1,729,000	<b>\$5,188,000</b>
2010-11	16.9	116.9	<b>133.8</b>	\$3,174,000	\$2,371,000	<b>\$5,545,000</b>
2011-12	17.3	125.8	<b>143.1</b>	\$3,114,000	\$2,497,000	<b>\$5,611,000</b>
2012-13	16.3	132.0	<b>148.3</b>	\$2,871,000	\$2,370,000	<b>\$5,241,000</b>
2013-14	15.9	127.7	<b>143.6</b>	\$2,944,000	\$2,801,000	<b>\$5,745,000</b>
2014-15	16.5	135.6	<b>113.5</b>	\$3,009,959	\$2,471,821	<b>\$5,481,780</b>
2015-16 <sup>3&amp;4</sup>	9.5	87.6	<b>97.1</b>	\$2,556,356	\$2,452,472	<b>\$5,008,828</b>
<b>Current Fuel Tax Rates:</b>	<sup>1</sup> \$0.18/gallon	<sup>2</sup> \$0.02/gallon				

<sup>1&2</sup>Sources: Taxable Aviation Gasoline (AvGas) & Jet Fuel Gallons 10-Year Reports (State Board of Equalization, Fuel Taxes Division)

<sup>3</sup>AvGas and Jet Fuel gallons sold FY 2015-16 (July 1, 2015 - January 31, 2015) according to the State Board of Equalization, Fuel Taxes Division.

<sup>4</sup>The State Controller's Office (SCO) monthly revenue transfer to the Aeronautics Account is for FY 2015/16 (July 2015 - April 2016).

<sup>5</sup>Source: State Controller's Office (SCO) monthly reports of transfers to the Aeronautics Account per R&T Code Section 8352.3 (a).



**Division of Aeronautics**  
[www.dot.ca.gov/aeronautics](http://www.dot.ca.gov/aeronautics)

