

Aviation in California: Fact Sheet (FEBRUARY 2014)

Aviation Facilities¹

- **245** Public Use Airports
 - ▶ **216** General Aviation Airports
 - ▶ **29** Commercial Service Airports – report 2,500 annual enplanements or more in 2012 (**26** report greater than 10,000 annual enplanements = Primary)
- **66** Special Use Airports
- **8** Seaplane Bases
- **505** Heliports
 - ▶ **160** Hospital; **197** Corporate; **52** Police; **40** Fire; **2** Commuter; and **54** Private
- **22** Military/NASA Bases & **1** Joint Use Facility
- **108** Automated Weather System Locations

Scheduled Passenger Service²

- In CY 2012, **179.0 million passengers** traveled through California's Commercial airports, and the FAA AIP Passenger Entitlement Program awarded a total of \$80 million in 2013 to these airports.
 - ▶ California's share of national enplanements total: **87.6 million enplanements** or 13.4 Percent
 - ▶ Nationally, eleven of California's commercial service airports ranked in the top 100 (2012). (LAX-3rd; SFO-7th; SAN-28th; OAK-33th; SNA-38th; SMF-39th; SJC-43th; ONT-60th; BUR-61st; LGB-70th; & PSP-93th)

Air Cargo^{2&3}

- In CY 2012, **4.0 million tons** of air cargo moved through 27 Commercial and GA airports, and the FAA AIP Cargo Airport Entitlement Program awarded **\$9.9 million** in FFY 2012 to CA airports.
 - ▶ Nine California airports' share of U.S. Landed Weight: **12.1 Million U.S. Lbs.**, or 9.1 percent (LAX-7th; OAK-12th; ONT-13th; SFO-21st; SAN-34th; MHR-62nd; SMF-71st; SJC-75th; LGB-95th)
 - ▶ The top four California airports accounted for 84.8 percent of the states reported landing weight.
- With nearly 14,000 weekly truck trips, 13 airports handled 3.6 million short tons of air cargo (2010)
- Air cargo handled within, from, and to California totaled \$198.9 billion (2010).
- The state's top four airports (LAX, ONT, SFO & OAK) account for 89 percent of CA's annual tonnage transported.
- For more detailed information of the top 12 air cargo airports go to the Freight Planning Branch website. <http://onramp.dot.ca.gov/hq/tpp/offices/ogm/aircargo.html>

CA Certified Pilots and Registered Aircraft⁴

- General Aviation (GA) operations account for approximately three of every four aircraft operations
- FAA Registered Aircraft (November 2012): **30,008** (10 percent of the U.S. total)
- FAA Certified Pilots (2012): **61,185** (11 percent of the U.S. total)
- GA & Air Taxi Active Aircraft (2012): **21,316** – FAA Estimate (10 percent of U.S. total, accounting for an estimated 2.3 million flight hours)

Aviation's Economic Impact⁵

- Contribution to the U.S. Gross Domestic Product (GDP): **\$154.7 billion** (4.8 percent)
- Contribution to the U.S. employment: **1.1 million jobs** (5.5 percent of U.S. GDP)
- 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 [2nd to Texas]), Airline Operations (\$27.9), Manufacturing (\$25.3), Airport Operations (\$6.7), General Aviation (\$3.7), Air Couriers (\$5.9, 2nd to Tennessee)
- Impact of FAA Spending in California: **\$2.1 billion**; **14,762 jobs** – includes payroll, facility, equipment, operations and research expenses
- In FY 2012, the California Legislature directed **\$1.9 million** to the Caltrans Division of Aeronautics for capital improvement projects.

Emergency Preparedness Aviation Facilities⁶

- California's 245 public airports are potential staging areas for an emergency response in the case of a major catastrophic event, such as a flood or an earthquake, as well as for aerial support of fire suppression activities.
- 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 Bases
 - ▶ **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
 - ▶ **13** Cal Fire Air Attack Bases (**23** Grumman S-2T 1,200 gallon airtankers & **13** OV-10A airtactical aircraft)
 - ▶ **2** Cal Fire Helitack Bases (**11** Super Huey helicopters)

Sources include:

¹Caltrans' Airport Information Management System and the 2013 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)

²FAA 2012 CY ACAIS Boarding & CY All-Cargo Data Reports; FAA Fiscal Year 2012 AIP Entitlements Programs (September 2013) and the Division of Aeronautics

³Air 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

⁴FAA 2010 General Aviation and Air Taxi Active Aircraft and Total Hours Flown

⁵The Economic Impact of Civil Aviation on the [2009] U.S. Economy (December 2011) - excludes 55 non-NPIAS airports <http://www.faa.gov>

⁶2013 Interagency Airtanker Base Directory (NFES #2537) <http://airtanker.org/wp-content/uploads/2013/02/2013-ATB-Directory.pdf>

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Federal Aviation Administration (FAA)

- The Airport and Airway Trust Fund (AATF) enacted total for FFY 2013 is \$15.3 billion for operations; facilities & equipment; research, engineering & development; and airport grants. (AATF Fact Sheet June 2013- includes sequestration)
- In FFY 2013, the FAA Airport Improvement Program approved \$254.1 million in grants to California's airports.

FAA AIP Grant Type	Number of Grants	Amount Awarded
Primary & Nonprimary Commercial Service	46	\$211,197,055
Reliever	16	\$17,707,257
General Aviation	55	\$25,179,755
2013 AIP Grants to California's Airports Total	117	\$254,084,067

California Aid to Airports Program (CAAP) Grants

- FY 2012/13: \$1.9 million
 - ▶ State AIP Matching Grants (15): \$495,702
 - ▶ Annual Credit Grants (144 of 149): \$1.44 million
 - ▶ Acquisition & Development: No Grants Issued

California Aviation System Plan: CIP & GASNA

The 2013 Capital Improvement Plan (CIP) total estimated project cost is \$2.9 billion – [\$1.3 billion at General Aviation Airports and \$1.6 billion at Commercial Service Airports (2014-2023 CIP)]. The next iteration of the CIP is scheduled for release by December 2015. The 2013 update of the 2010 General Aviation System Needs Assessment (GASNA) Appendix IV – a supplemental airport improvement planning document to the CIP, highlights the state's recommended safety and capability enhancement projects valued at an estimated cost of \$282 million.

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

Fiscal Year	AvGas ¹	Jet Fuel ²	Aeronautics Account Revenue ⁴		
	Gallons Sold	Gallons Sold	Avgas	Jet Fuel	Annual Total
	(in millions)	(in millions)			
2003-04	27.3	135.7	\$4,922,000	\$2,832,000	\$7,754,000
2004-05	23.6	144.3	\$4,858,000	\$2,763,000	\$7,622,000
2005-06	25.8	149.2	\$4,408,000	\$3,001,000	\$7,409,000
2006-07	24.7	149.8	\$2,006,000	\$5,284,000	\$7,290,000
2007-08	28.9	152.7	\$3,831,000	\$3,627,000	\$7,458,000
2008-09	19.2	123.8	\$4,457,000	\$2,774,000	\$7,232,000
2009-10	19.6	112.3	\$3,459,000	\$1,729,000	\$5,188,000
2010-11	16.9	116.9	\$3,174,000	\$2,371,000	\$5,545,000
2011-12	17.3	125.8	\$3,114,000	\$2,497,000	\$5,611,000
2012-13	16.3	132.0	\$2,871,000	\$2,370,000	\$5,241,000
2013-14 ^{3&5}	4.7	35.8	\$878,000	\$823,000	\$1,701,000
Current Fuel Tax Rates:	¹ \$0.18/gallon		² \$0.02/gallon		

^{1&2}Sources: Taxable Aviation Gasoline (AvGas) & Jet Fuel Gallons 10-Year Reports (State Board of Equalization, Fuel Taxes Division)

³AvGas and Jet Fuel gallons sold FY 2013-14 (July 1, 2013 - June 30, 2014) - includes only the first quarter July, August, September 14, 2013.

⁴Source: State Controller's Office (SCO) transfers to the Aviation Trust Fund (totals may not add up due to rounding)

[Note: Adjustments by the State Board of Equalization and minor administrative handling fees charged by the BOE and SCO account for the difference in revenue calculations prior to actual Aeronautics Account transfers.]

⁵The most recent SCO monthly revenue transfer to the Aeronautics Account is limited to first quarter, FY 2013-14.



Division of Aeronautics
www.dot.ca.gov/aeronautics

