



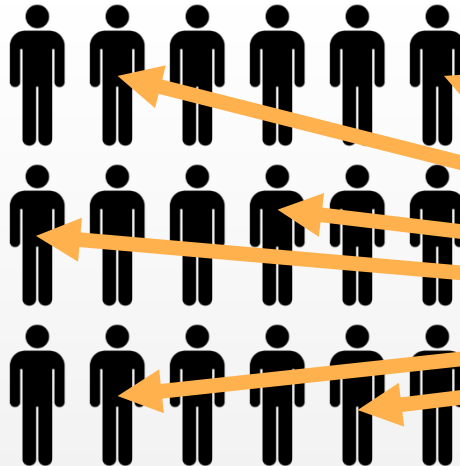
AOPA AIR SAFETY
INSTITUTE

- Established 1950
- Mission: Improve general aviation safety
- World's largest provider of free safety education for all pilots
- 2,000,000 uses per year
- www.airsafetyinstitute.org

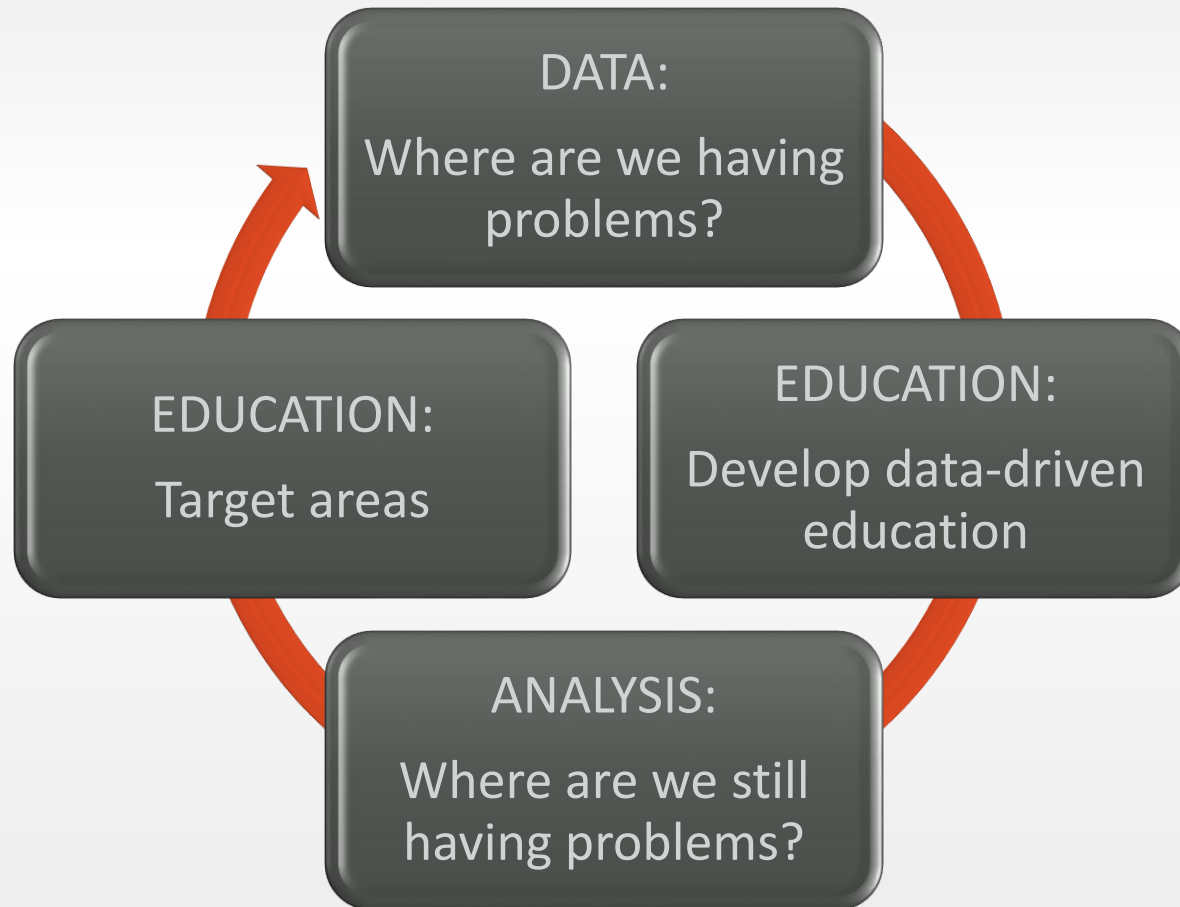
REGULATIONS VS. EDUCATION



RULES AND
REGULATIONS



EDUCATION
AND TRAINING



- Annual review of accidents in previous year



FIGURE 7. PILOTS INVOLVED IN NON-COMMERCIAL
FIXED-WING ACCIDENTS

Certificate Level	Accidents	Fatal Accidents	Lethality
ATP	149 15.4%	27 16.0%	18.1%
Commercial	261 27.0%	49 29.0%	18.8%
Private	444 45.9%	84 49.7%	18.9%
Sport	23 2.4%	2 1.2%	8.7%
Student	74 7.7%	5 3.0%	6.8%
Other or Unknown	16 1.7%	2 1.2%	12.5%
Second Pilot on Board	154 15.9%	32 18.9%	20.8%
CFI on Board*	232 24.0%	46 27.2%	19.8%
IFR Pilot on Board*	536 55.4%	106 62.7%	19.8%

*Includes single-pilot flights.

FIGURE 8. PILOT-RELATED ACCIDENT TREND

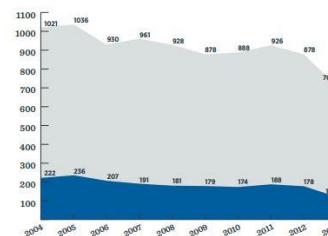


FIGURE 9. PILOT-RELATED ACCIDENT RATES, 2004-2013

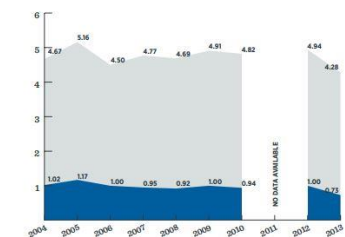
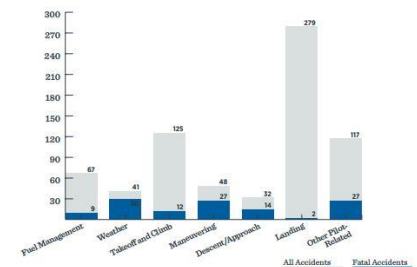
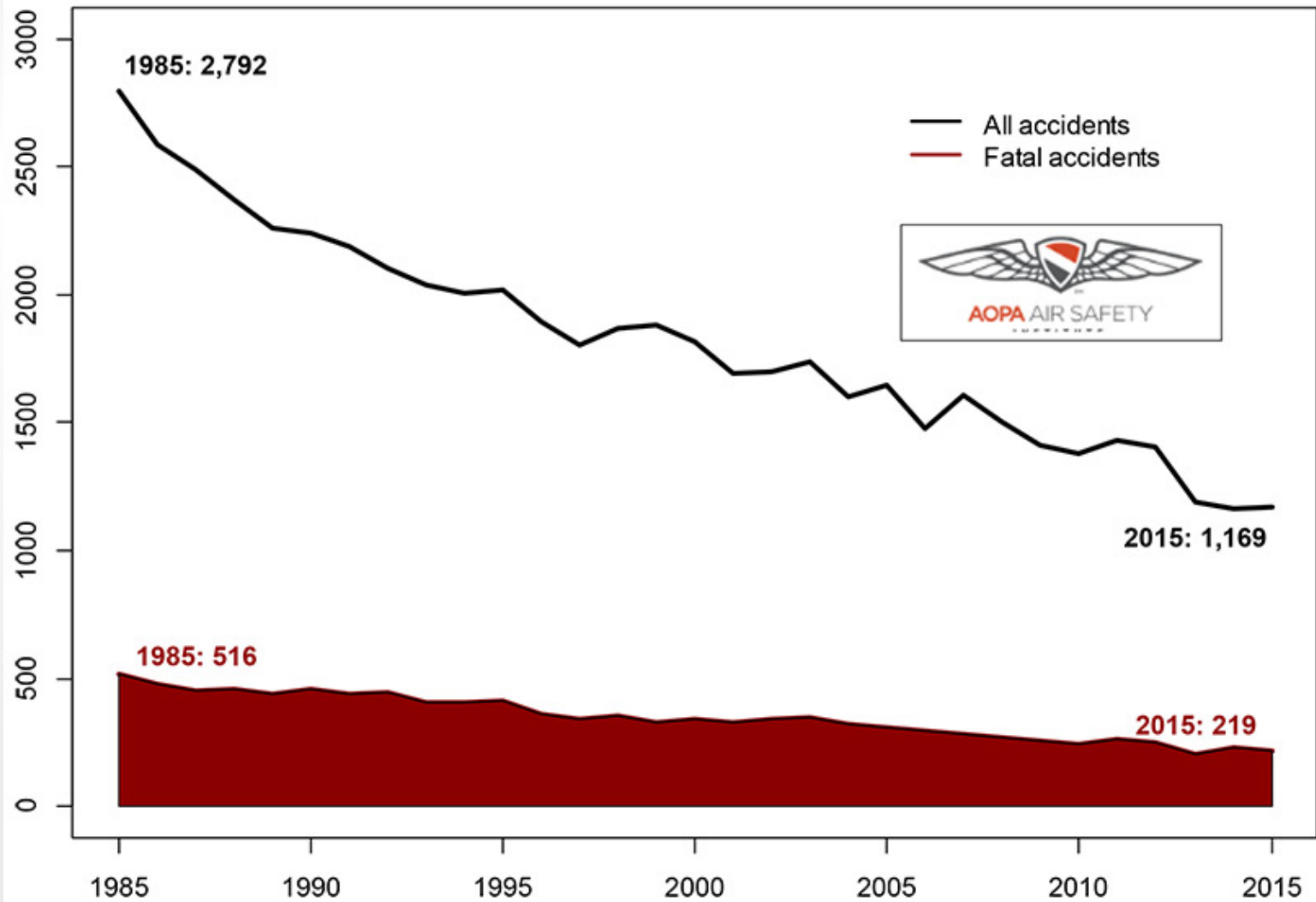


FIGURE 10. TYPES OF PILOT-RELATED ACCIDENTS



U.S. general aviation accidents, 1985-2015



U.S. general aviation accident rates per 100,000 flight hours, 1990-2015

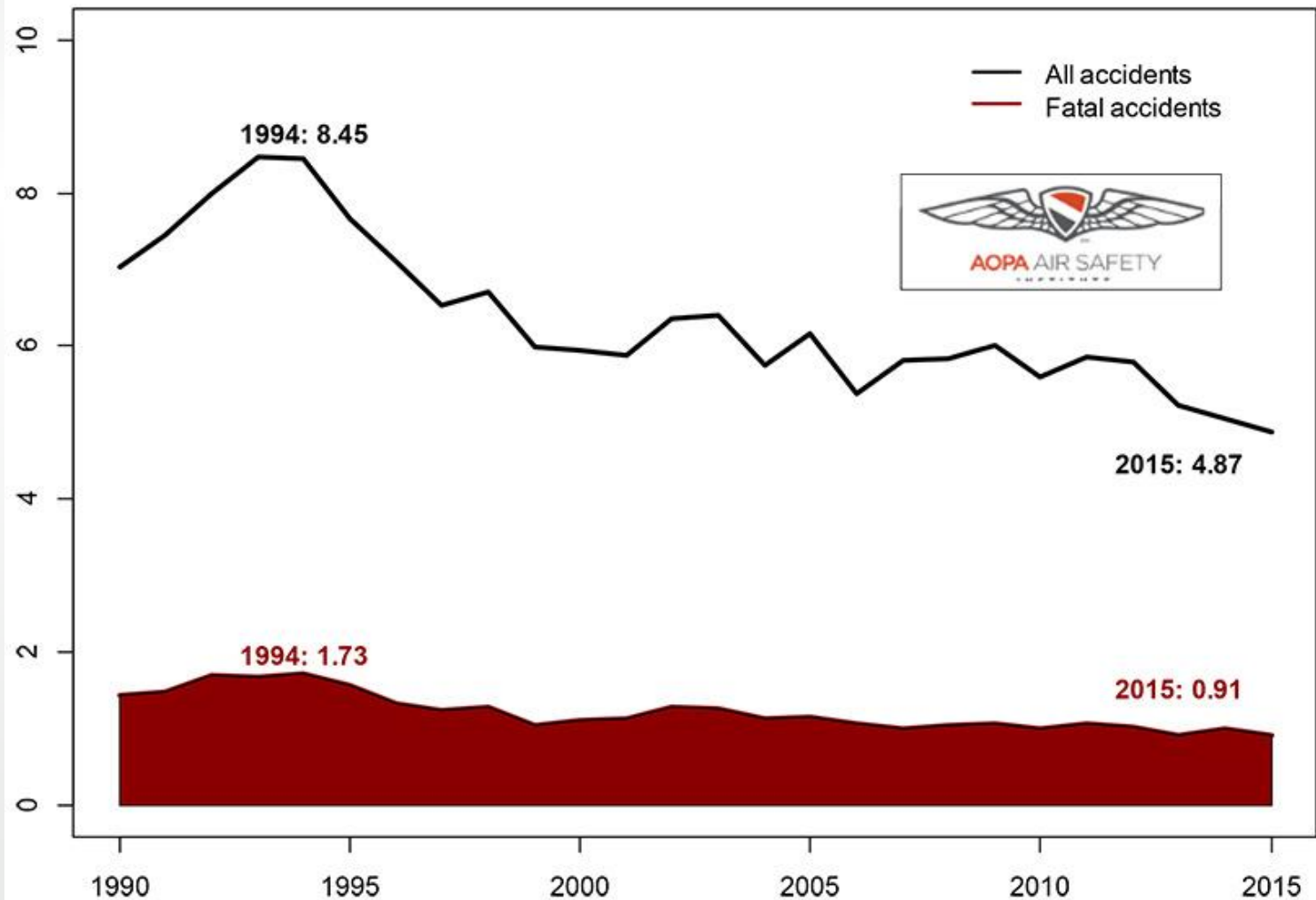


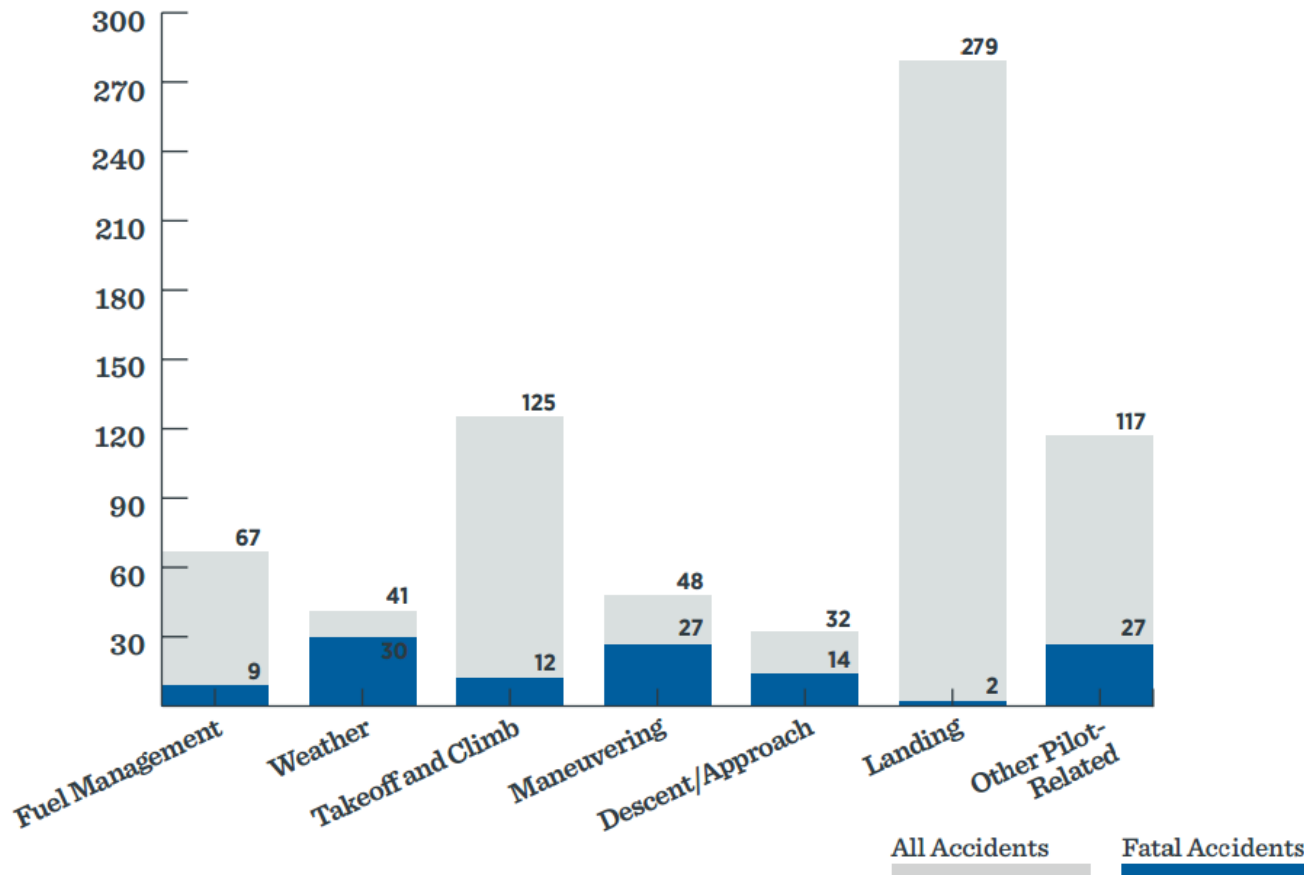
FIGURE 3. MAJOR CAUSES: FIXED-WING GENERAL AVIATION ACCIDENTS

	Non-Commercial				Commercial			
	All Accidents		Fatal Accidents		All Accidents		Fatal Accidents	
Pilot-Related	709	74.0%	121	72.9%	52	64.2%	10	83.3%
Mechanical	141	14.7%	15	9.0%	23	28.4%	1	8.3%
Other or Unknown	108	11.3%	30	18.1%	6	7.4%	1	8.3%

**Each aircraft involved in a collision is counted separately.*

TYPES OF PILOT-RELATED ACCIDENTS

FIGURE 10. TYPES OF PILOT-RELATED ACCIDENTS



- Our response:
- Safety seminars
- Online courses
- Videos
- Quizzes
- Publications
- ...and more.





- Flight Instructor Renewal Course (FIRC)
 - Renewal required by FAA every 24 months
 - Online
 - In-person
- CFI to CFI newsletter
 - Every CFI in the country
 - Quarterly

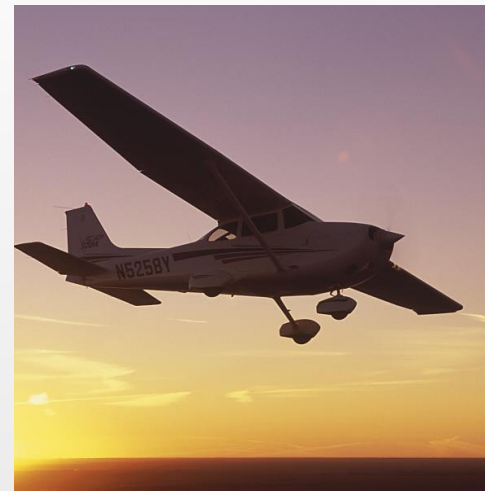
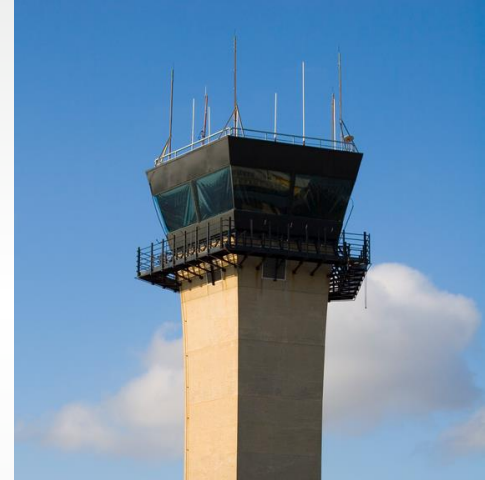
COLLABORATION

- Work with
 - Government
 - Industry groups
 - Manufacturers
 - Flying clubs
 - Universities
 - Type clubs



SUMMARY

- Safety culture
 - Open communication
 - Pilots, FAA, general aviation, airlines, ATC, all users
 - Education-centered
 - Build safety into every aspect of the system



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