

April 26, 2010

**2009 ANNUAL
OPERATIONS REPORT**

Outline

- ◎ **Mandatory vs. Recommended**
- ◎ **Outreach Programs**
- ◎ **2008 vs. 2009 Comparison Data**
- ◎ **10 Year Operational Trend**

Mandatory Restrictions

- ◎ **Maximum Noise Level** – Maximum allowable limit of 95.0 dBA Single Event Noise Exposure Level enforced 24 hours per day at noise monitor sites 1 & 2 – 1,500 feet from Approach & Departure end of Runway.
- ◎ **Night Departure Curfew** – No takeoffs or engine starts, including APU, are permitted between 11pm and 7am Monday through Friday, and until 8am on weekends, except in case of bona fide medical or public safety emergency
- ◎ **Operational Limitations** – Touch-and-go, stop-and-go, and low approaches are prohibited on weekends, holidays, and weekdays from one-half hour after sunset until 7am the following day.
- ◎ **Helicopter Training** – Helicopter Training Prohibited.

Recommended Procedures

- ⦿ **Auxiliary Power Unit (APU) Limitations** - Many jet aircraft utilize APU's to provide electricity to aircraft systems prior to, or just after flight. For noise management purposes, pilots are requested to limit APU use to (30) thirty minutes.
- ⦿ **Reverse Thrust Use** - Due to the noise generated by aircraft utilizing reverse thrust upon landing, particularly during the night hours, the Airport recommends the use of minimum reverse thrust necessary for safety.
- ⦿ **IFR Engine Start Procedures** - In an effort to minimize delay between engine start and departure, fixed-wing turbine aircraft shall obtain an expected departure release time from Air Traffic Control prior to engine start.
- ⦿ **IFR Hold Area Procedures** - Fixed-wing turbine aircraft are requested to hold approximately 200 feet from the end of the runway while awaiting departure clearance from Air Traffic Control.

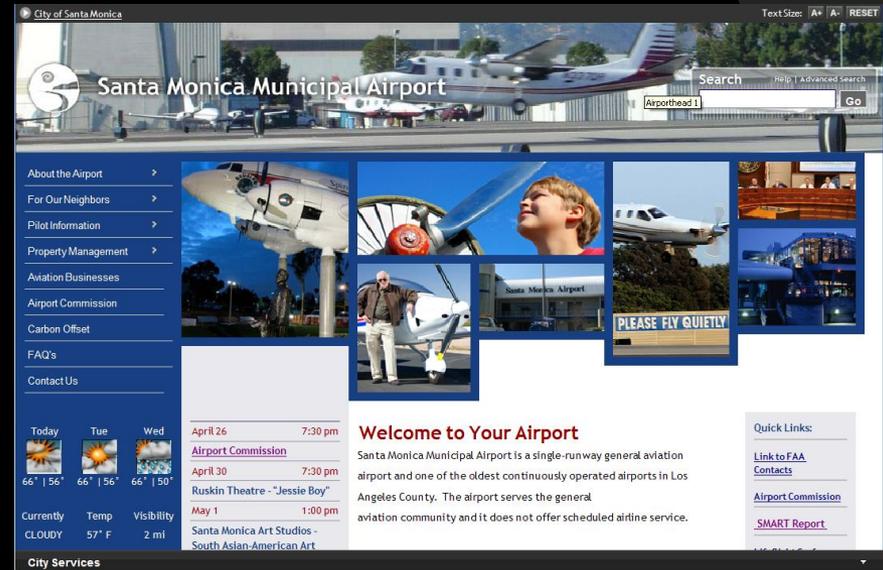
Recommended Procedures

- **Voluntary Night Arrival Curfew** – Although arrivals are permitted 24 hours per day, pilots are requested to avoid operations between 11pm and 7am Weekdays, or until 8am on weekends
- **Visual Flight Rules (VFR) Departure Flight Paths** - Fixed-wing aircraft and helicopters departing to the west are requested to overfly the Penmar Golf Course and initiate northerly turns at the shoreline and southerly turns at Lincoln Boulevard. Departures to the east are requested to initiate turns at or after reaching the 405 Freeway.
- **Formation Flying** - Formation flying within the FAA designated Class D Airspace is highly discouraged unless necessary for an emergency.
- **Helicopter Arrival Procedures** – As a result of the Airport Working Group recommendation to route helicopters approaching Santa Monica Airport; helicopters are requested to approach from the North or South at or above 900 feet, rather than on runway heading with fixed-wing aircraft.

Outreach Programs

Community Outreach

- Our Office is Open Monday through Thursday 7:30 AM - 5:30 PM & alternate Fridays 8 AM - 5 PM Telephone / email / Fax / website
- Expeditious Response to Citizens' Concerns
- Office Visits
- Airport Tours
- Spend Time in Neighborhoods



Pilot Outreach & Education

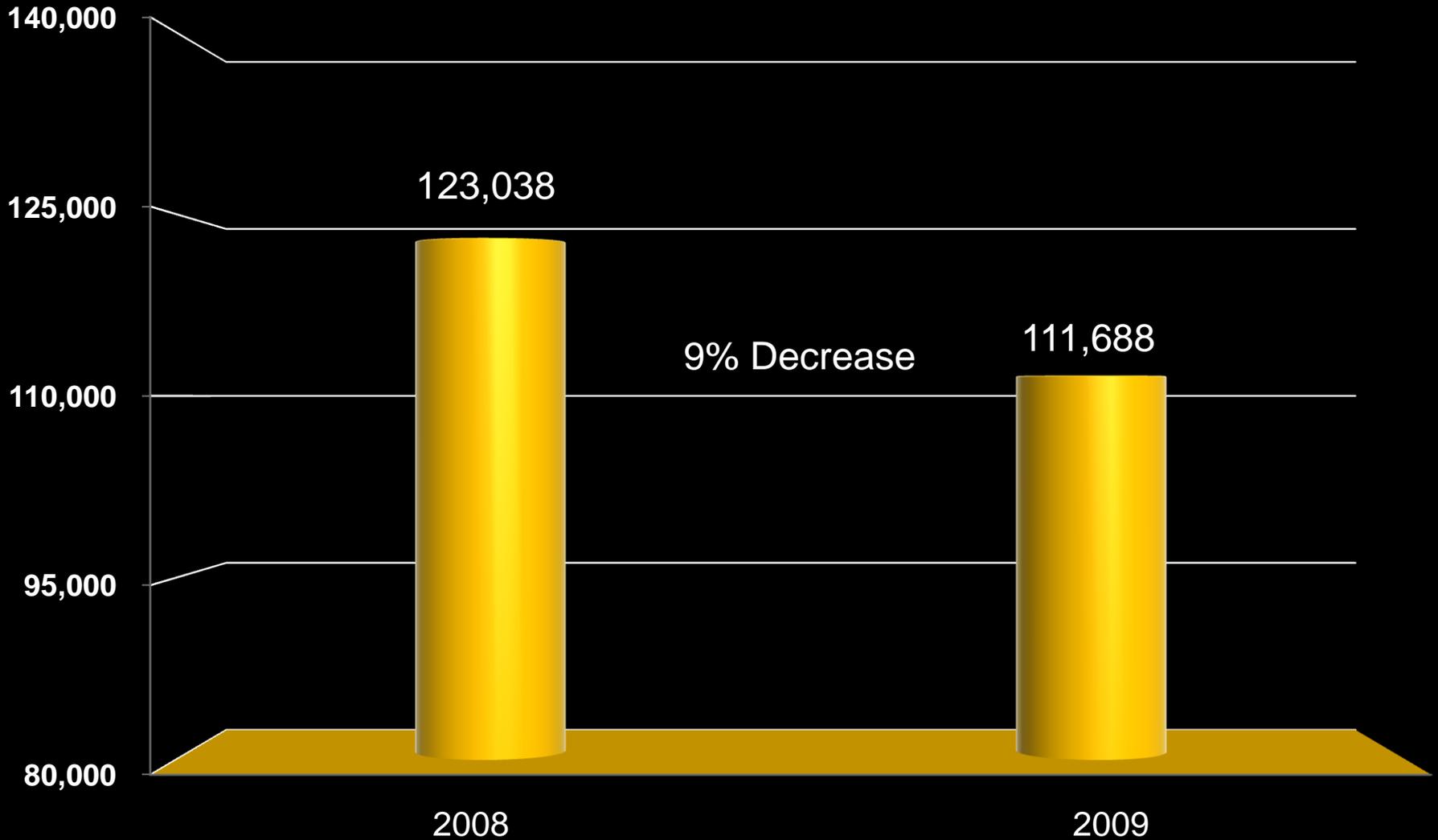
- ⦿ Proactive Approach
 - 93+ dBA SENEL
 - Deviations from Recommended Procedures
 - Night Arrival
 - New Operators
 - CFI Clinics
- ⦿ Brochures
- ⦿ Website
- ⦿ Ramp Briefings
- ⦿ Phone/Radio/Email
- ⦿ Manufacturers Outreach

Our Goal

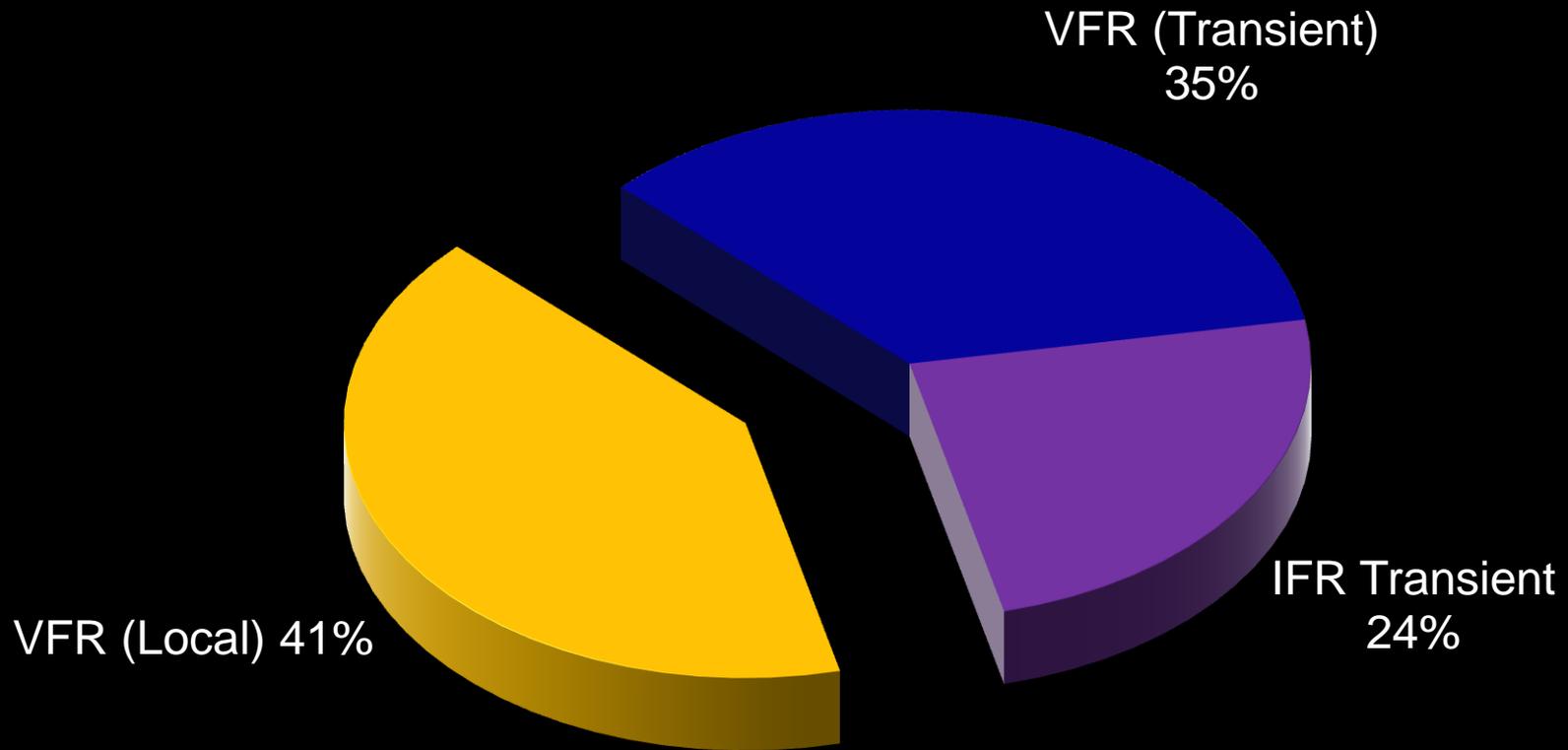
- To ensure each aircraft operates in accordance with Santa Monica Municipal Code & the Airport's "Fly Neighborly Program;" and
- That community concerns or inquiries from members of our community are investigated and handled appropriately according to the situation.

2008 vs. 2009 Comparison Data

2008 vs. 2009 - Total Operations

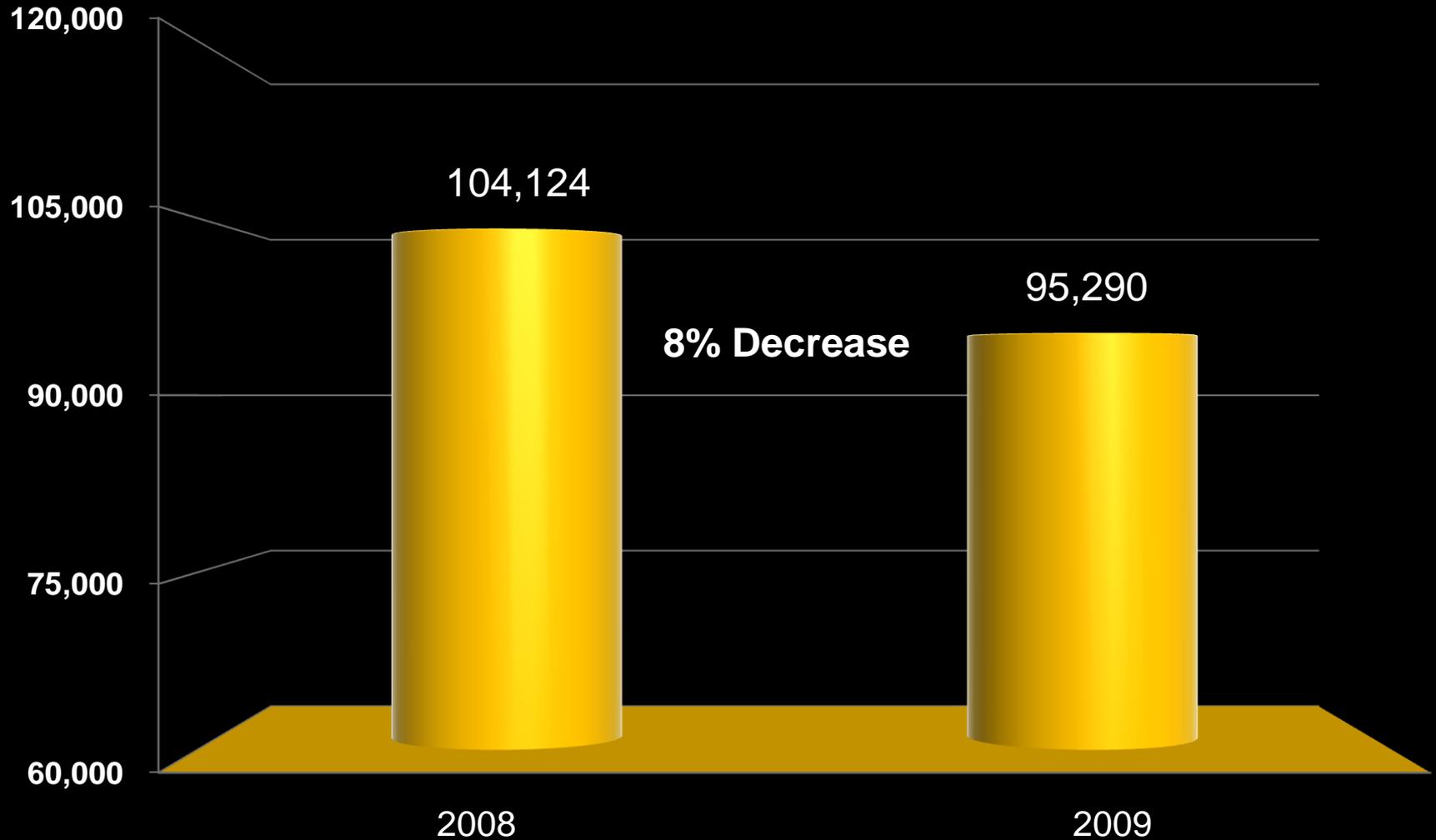


Operations by Origin/Destination

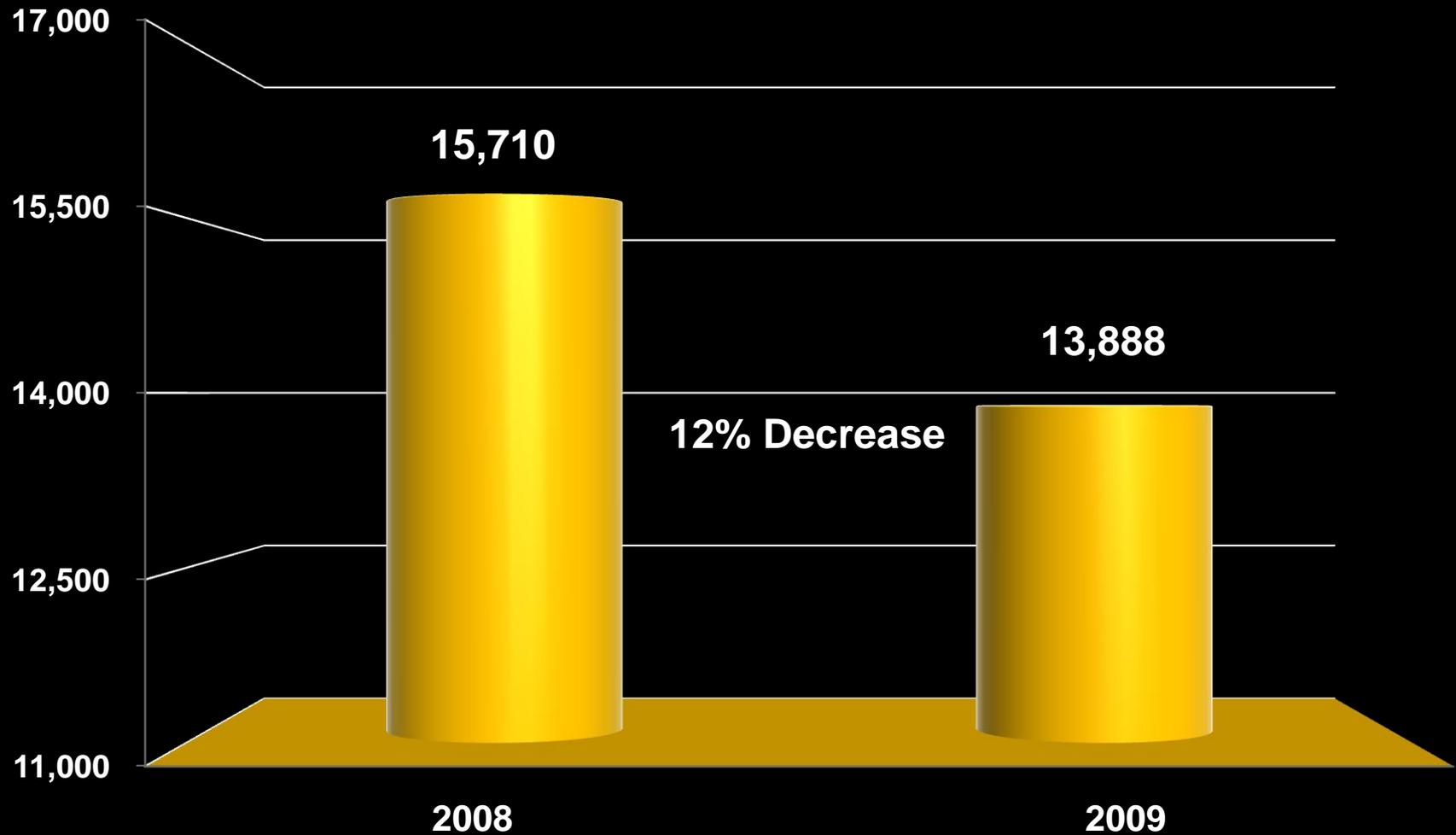


■ IFR Transient ■ VFR (Local) ■ VFR (Transient)

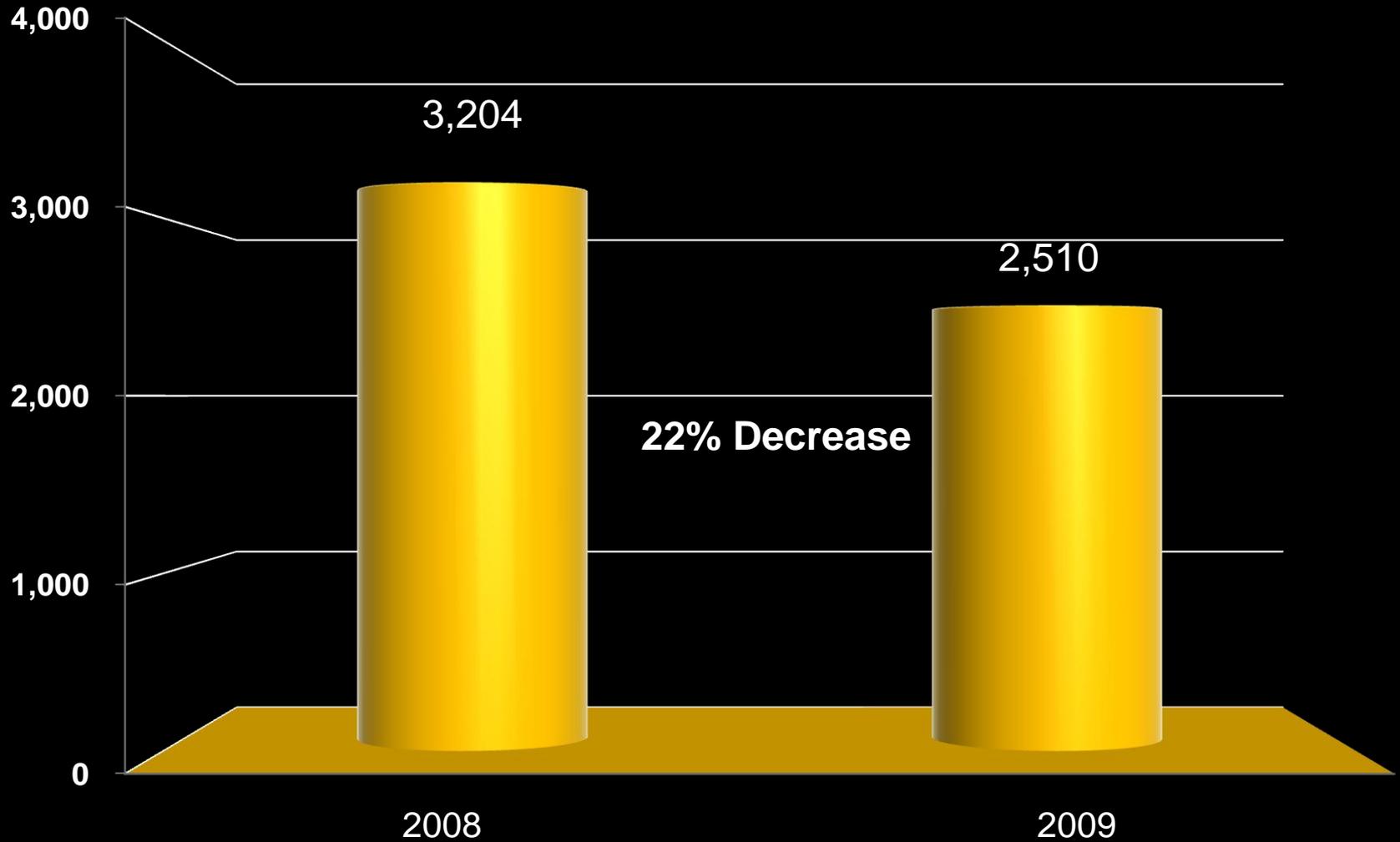
2008 vs. 2009 - Propeller Aircraft



2008 vs. 2009 - Jet Aircraft



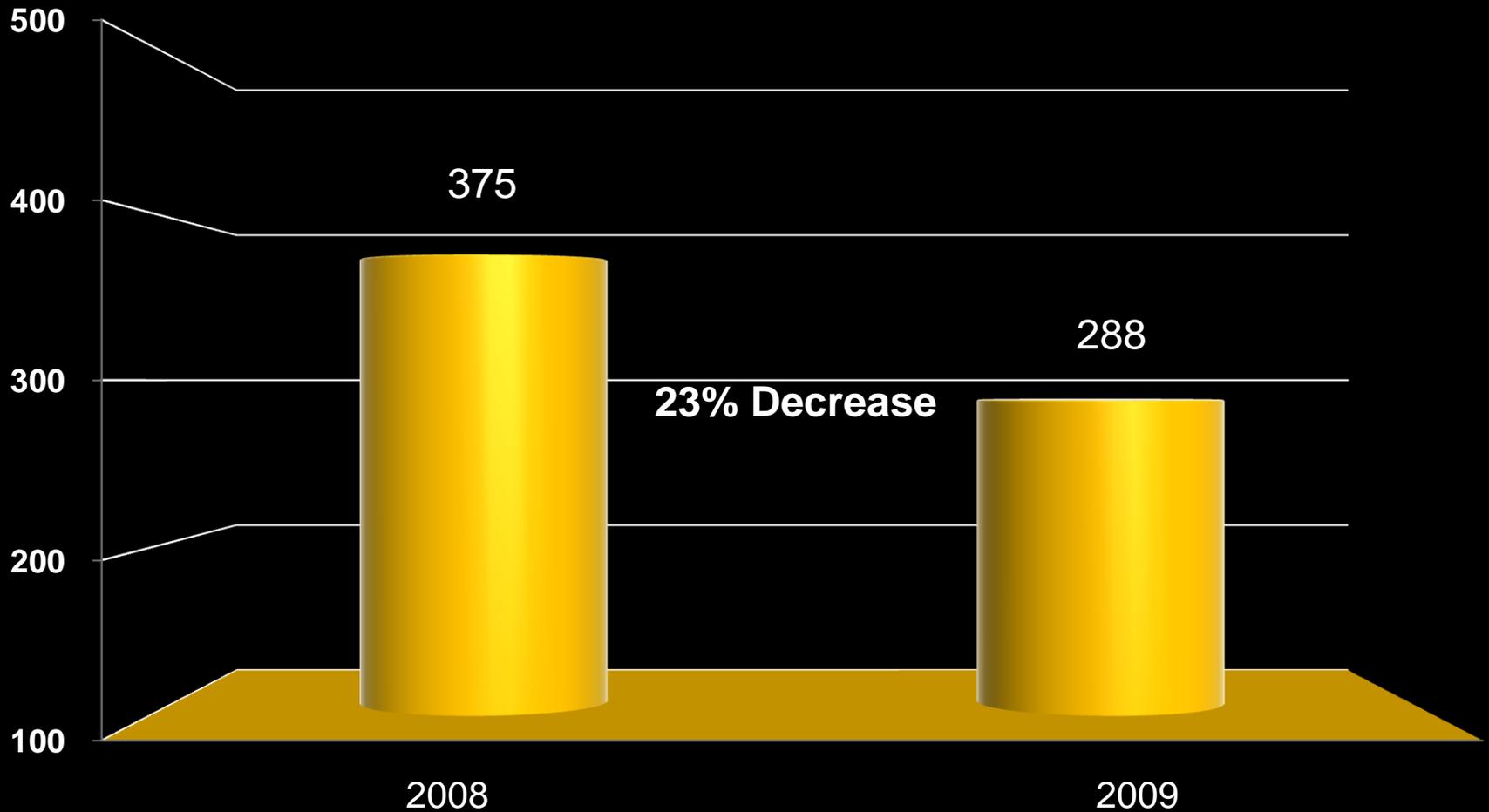
2008 vs. 2009 - Helicopters



Voluntary Night Arrival Curfew

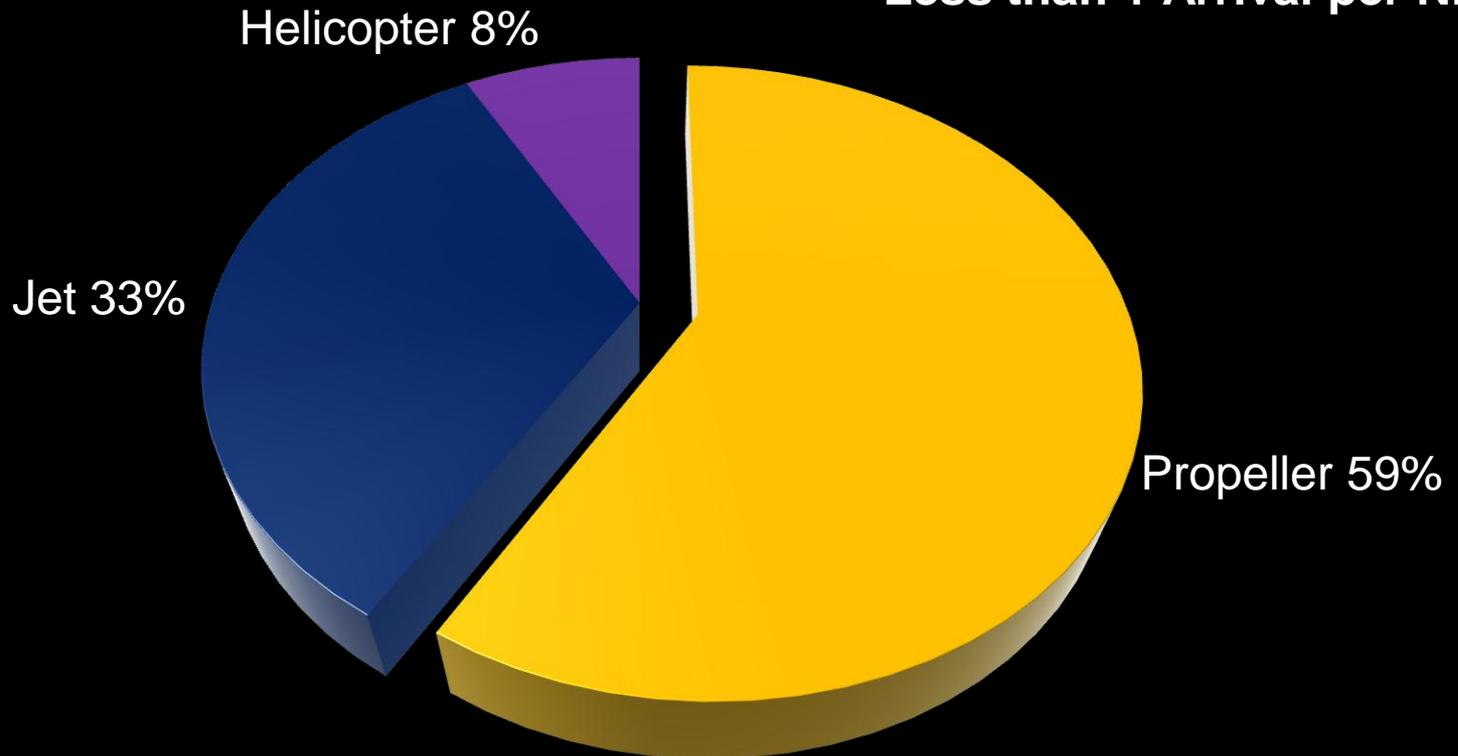
**Although arrivals are permitted 24 hours a day,
pilots are requested to avoid operations
between 11pm and 7am Weekdays, or until
8am on weekends**

2008 vs. 2009 – Night Arrivals



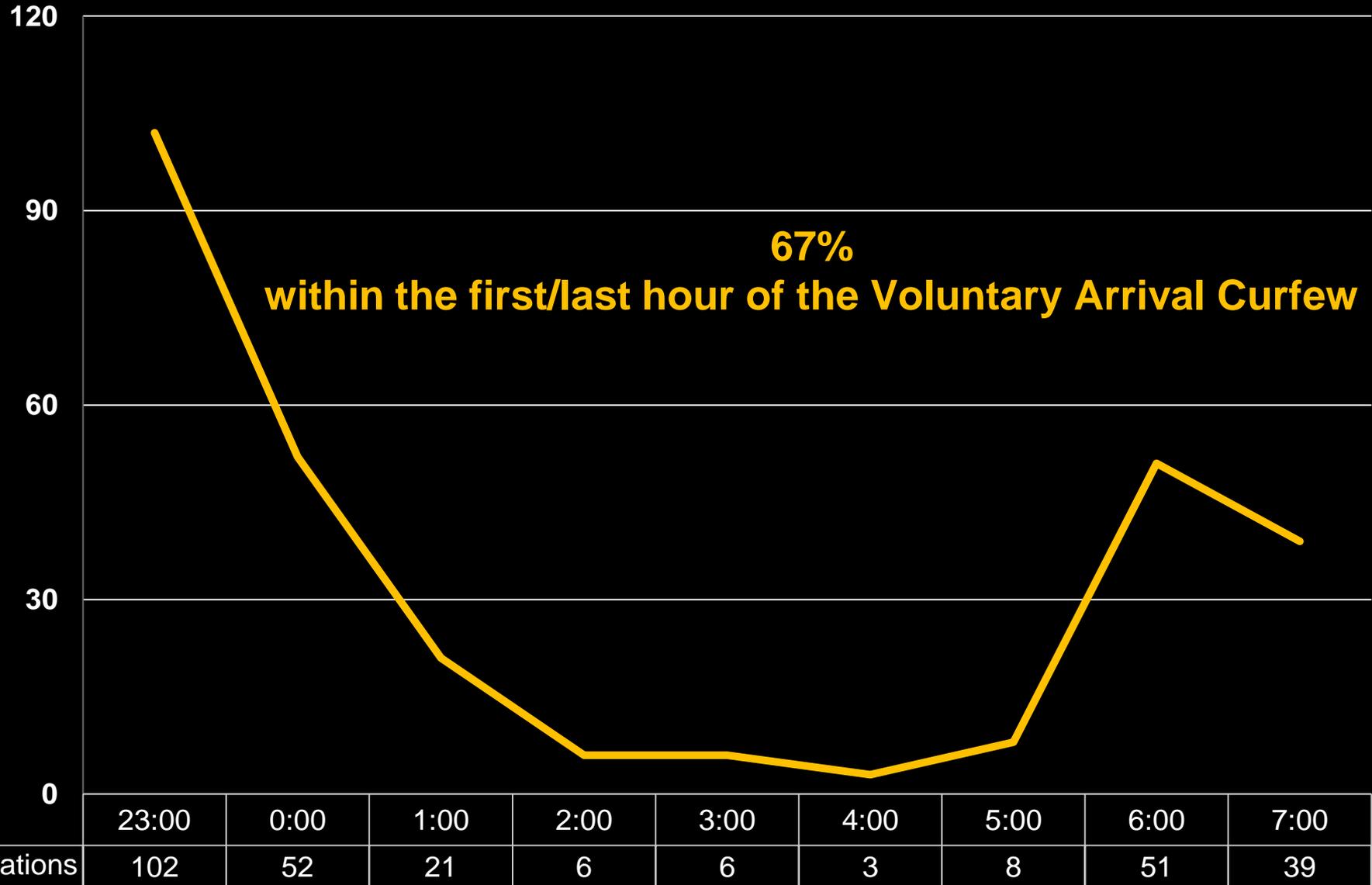
Night Arrivals by Aircraft Type

288 Night Arrivals
0.3% of Operations
Less than 1 Arrival per Night



■ Propeller ■ Jet ■ Helicopter

Summary of Night Arrivals by Hour

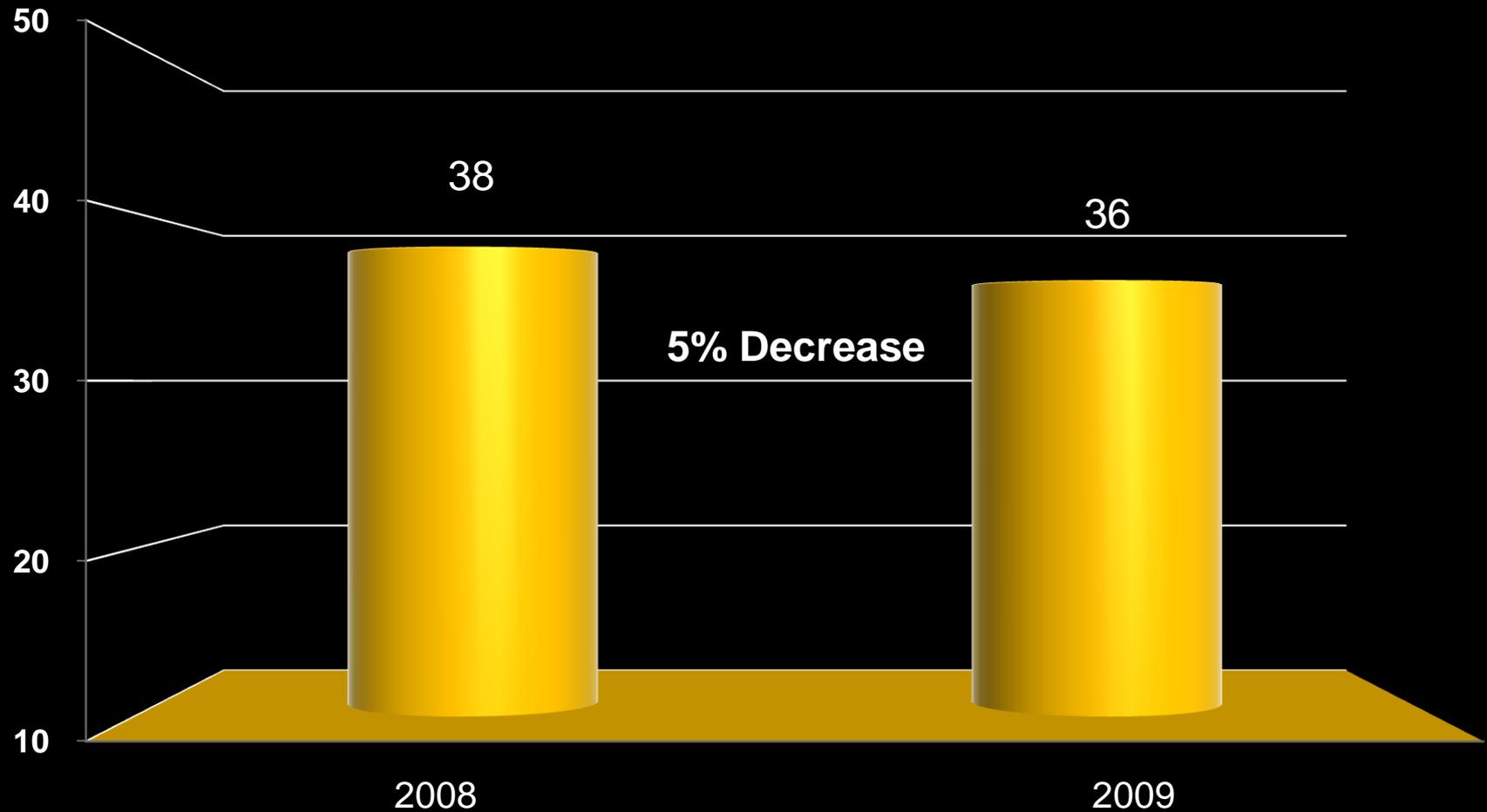


Curfew Departures

No takeoffs or engine starts, including APU, are permitted between 11pm and 7am Monday through Friday, and until 8am on weekends, except in case of bona fide medical or public safety emergency.

Santa Monica Municipal Code 10.04.04.080

2008 vs. 2009 – Curfew Departures



Noise Code Violations

◎ Fine Structure

- Civil penalties may be imposed on each pilot, aircraft owner, and operator jointly or severally.
- Warning - Initial Violation
- \$2,000 - Initial penalty for a repeat or willful violation.
- \$5,000 - Violation following the initial civil penalty
- \$10,000 - Violation following the second civil penalty
- 6 month Suspension of Airport Privileges (After a Hearing)
- Revocation of privileges or permits.

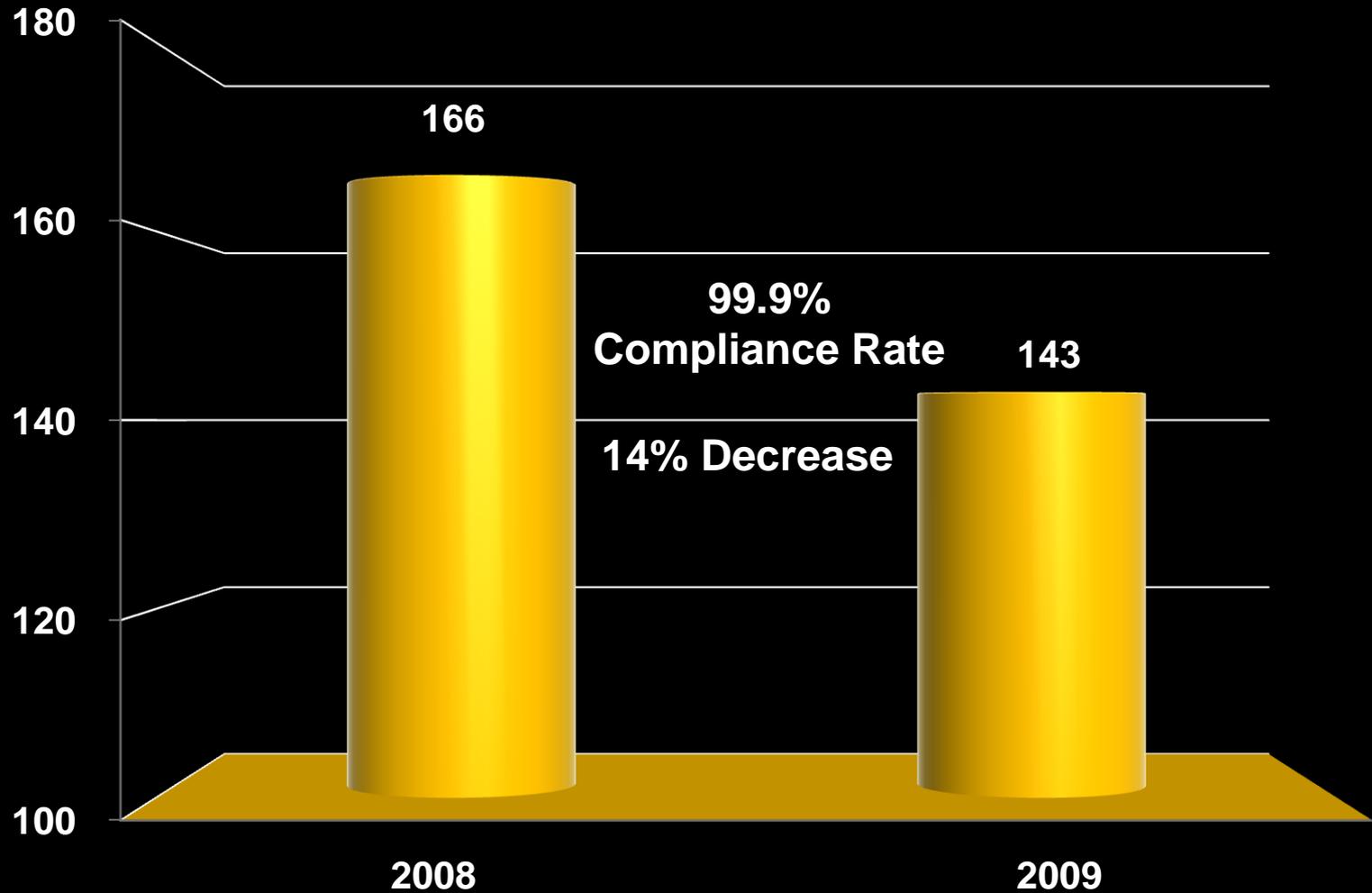
◎ Fractional Ownership

- Initial Violation counts towards the whole fleet
- Subsequent violations are aircraft specific

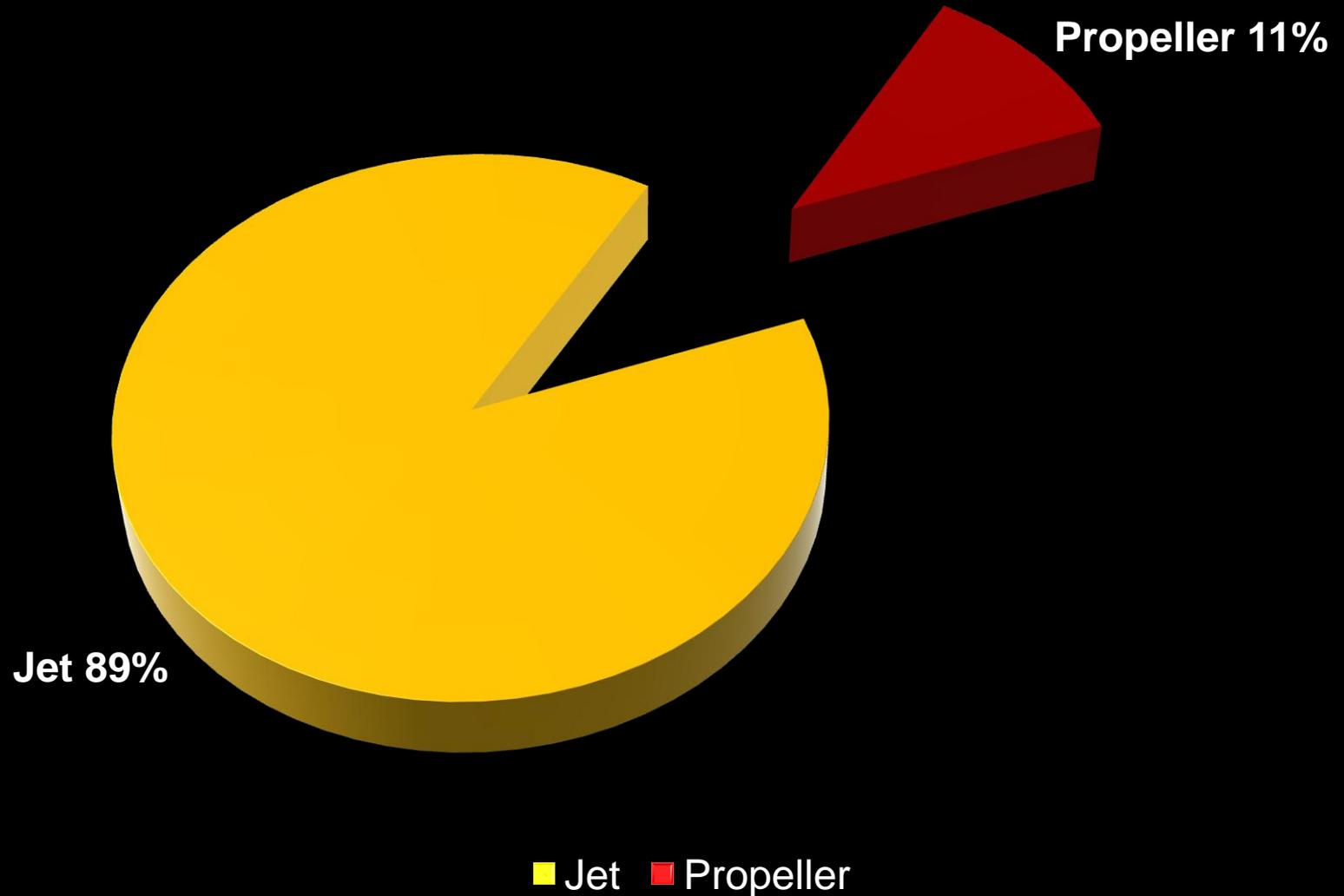
◎ Extenuating Circumstances

- ATC instructions
- Weather
- Safety of flight

2008 vs. 2009 - Violations

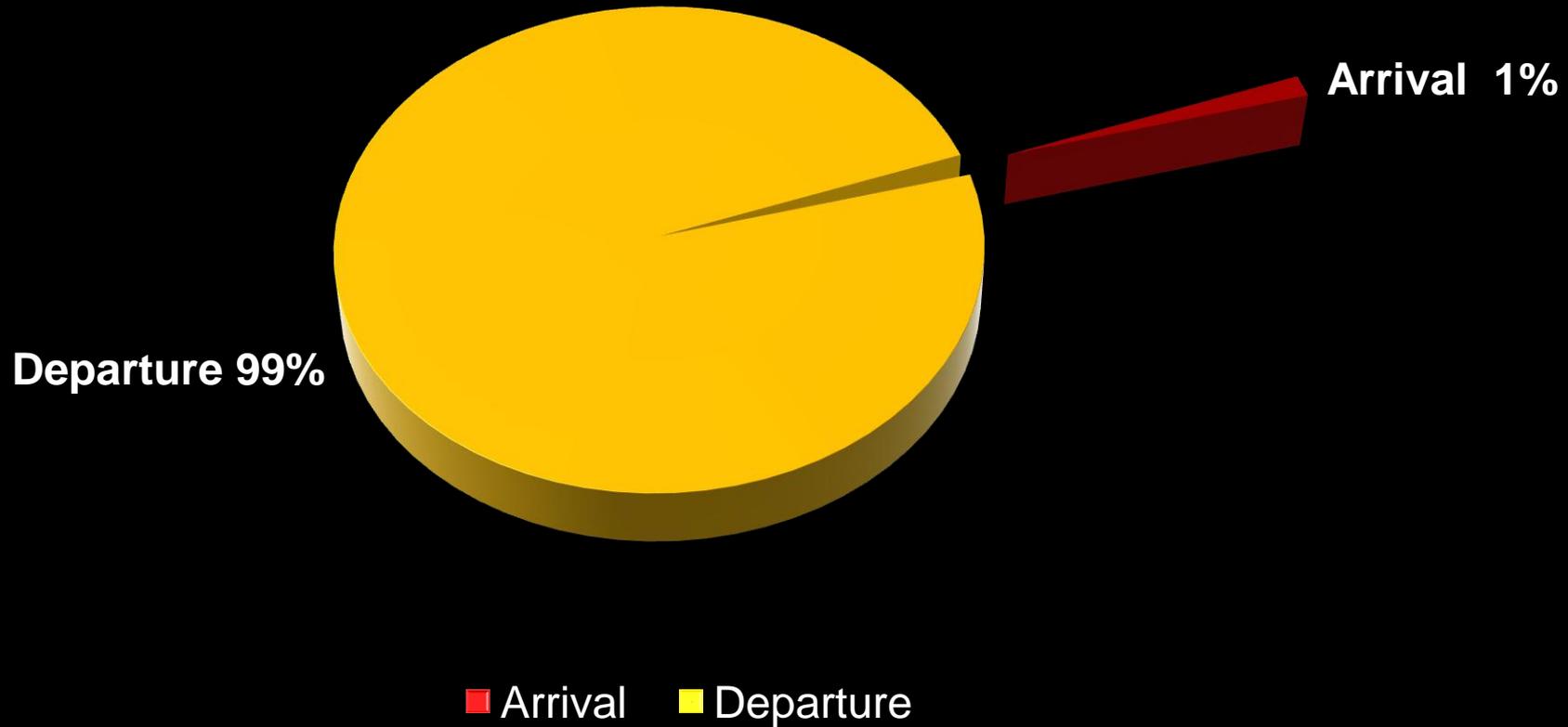


Noise Violations by Aircraft Type

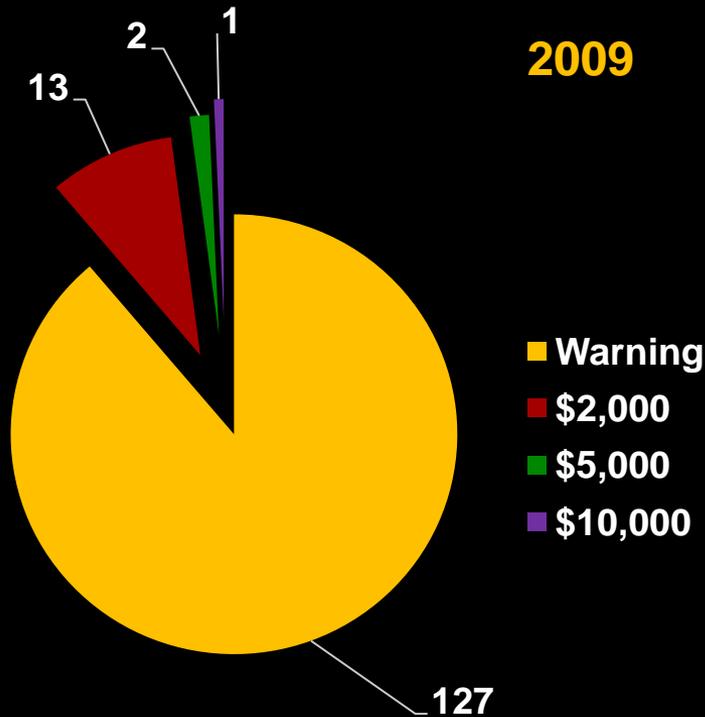


Noise Violations by Operation

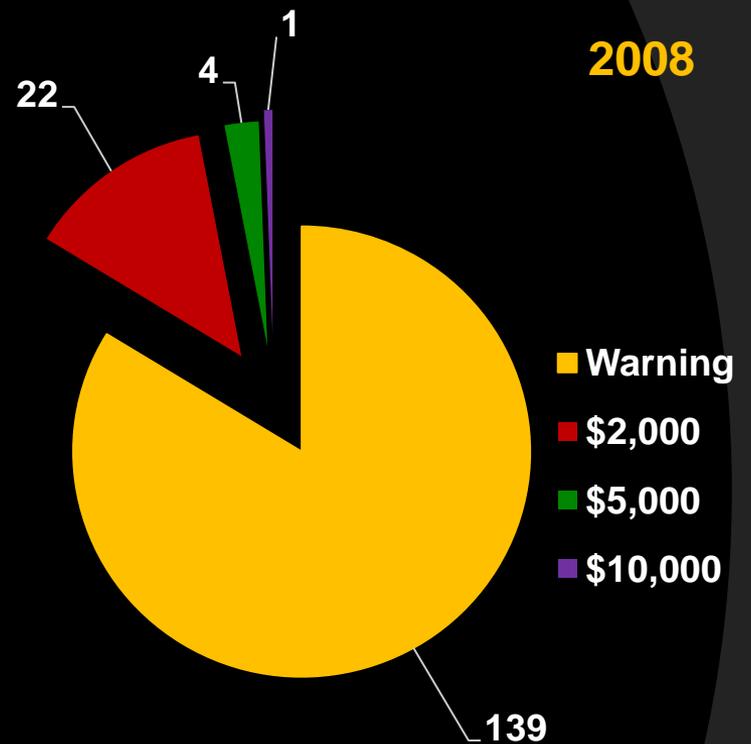
143 Noise Violations in 2009
(0.1% of Operations)



Noise Violation Warnings, Fines & Aircraft Bans



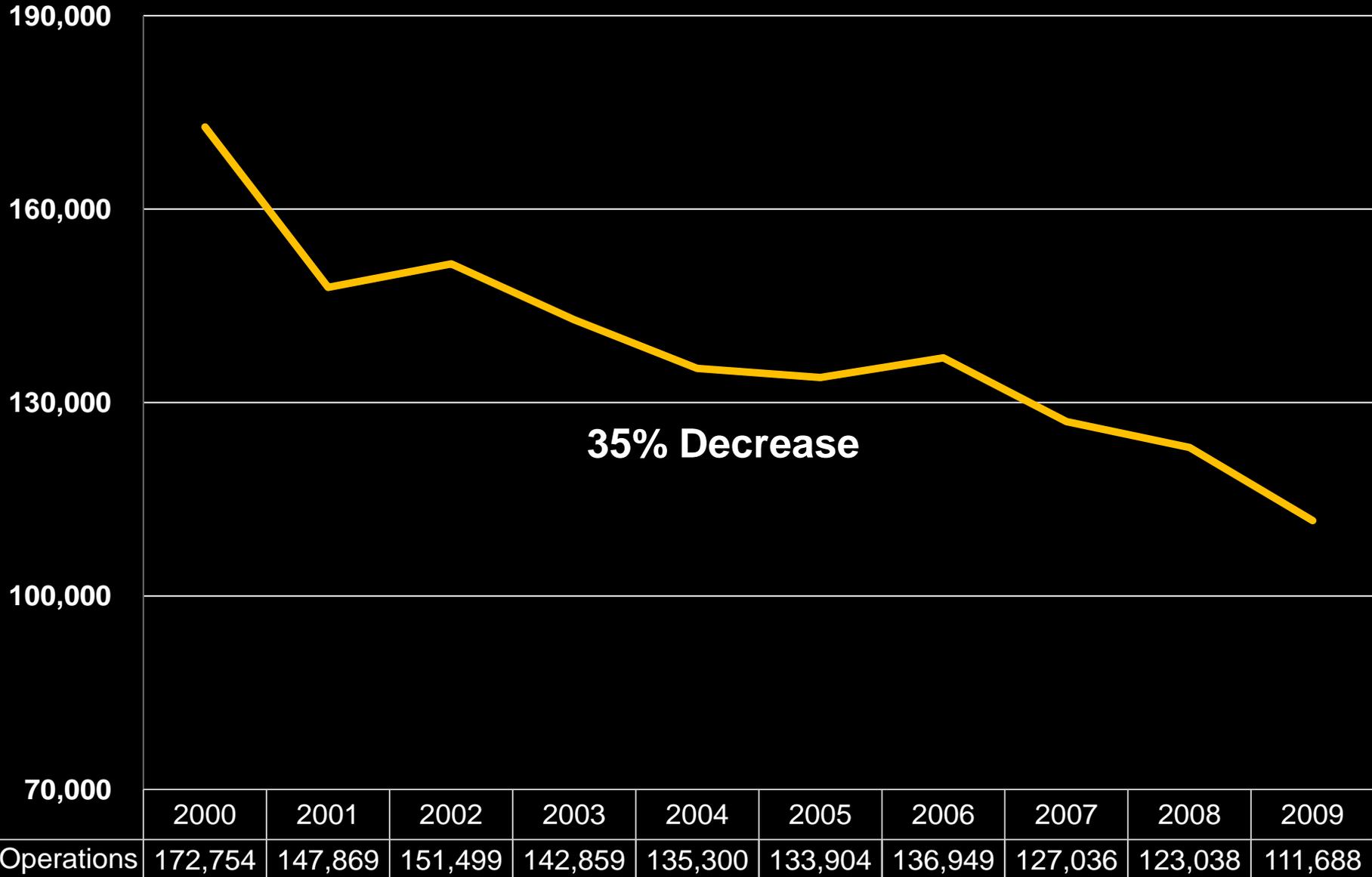
89% 1st time violations



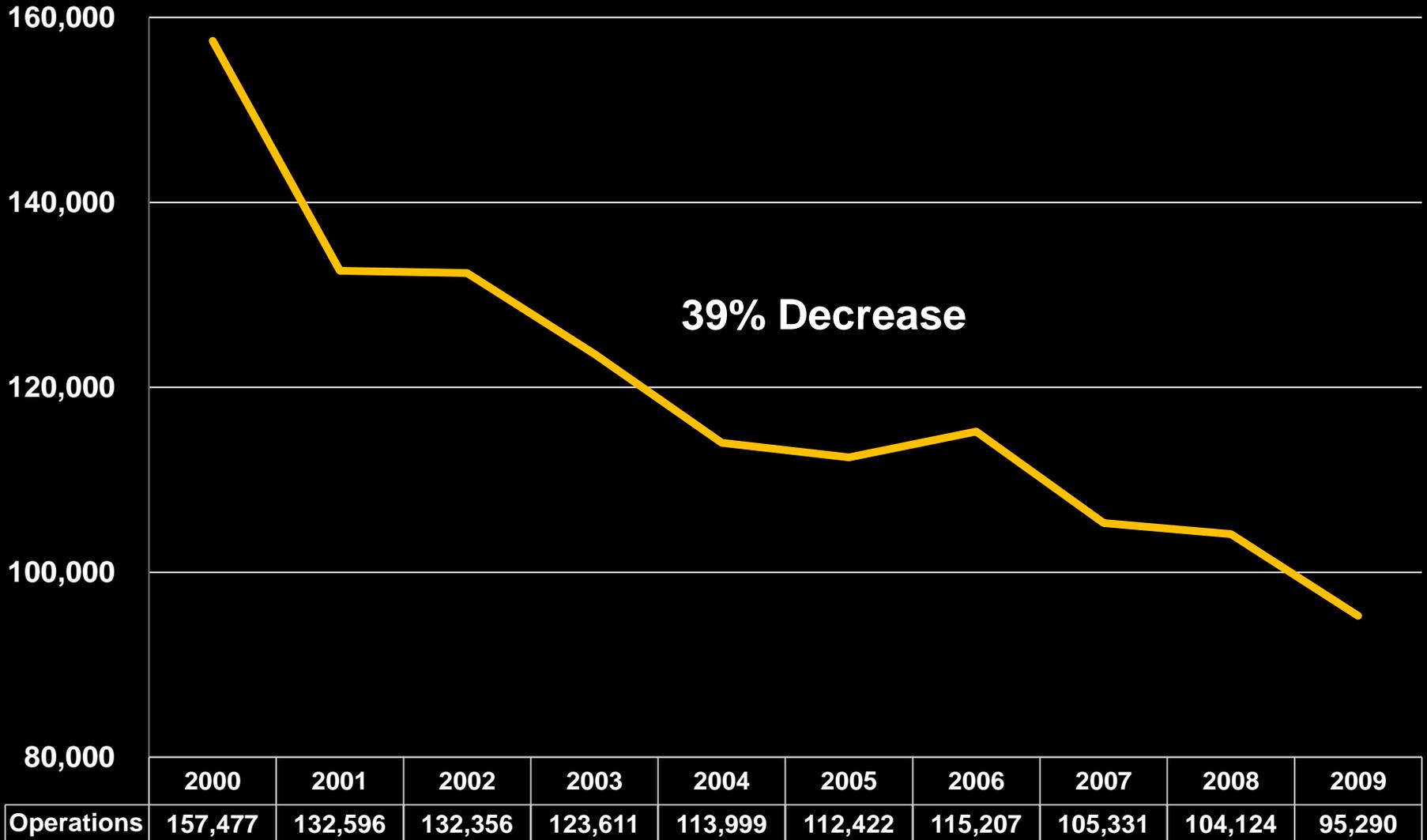
84% 1st time violations

10 Year Operational Trend

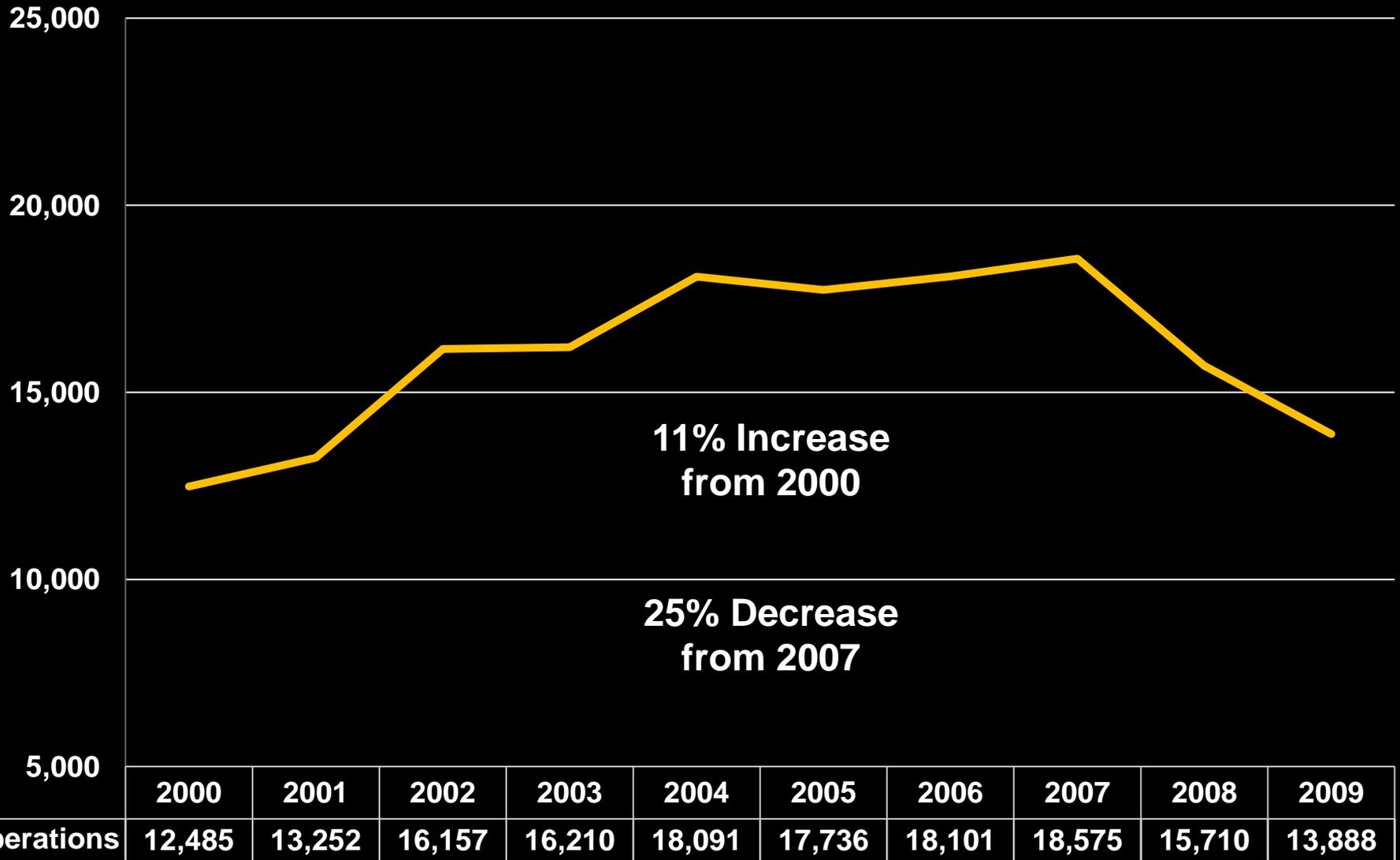
10 Year Overview - Total Operations



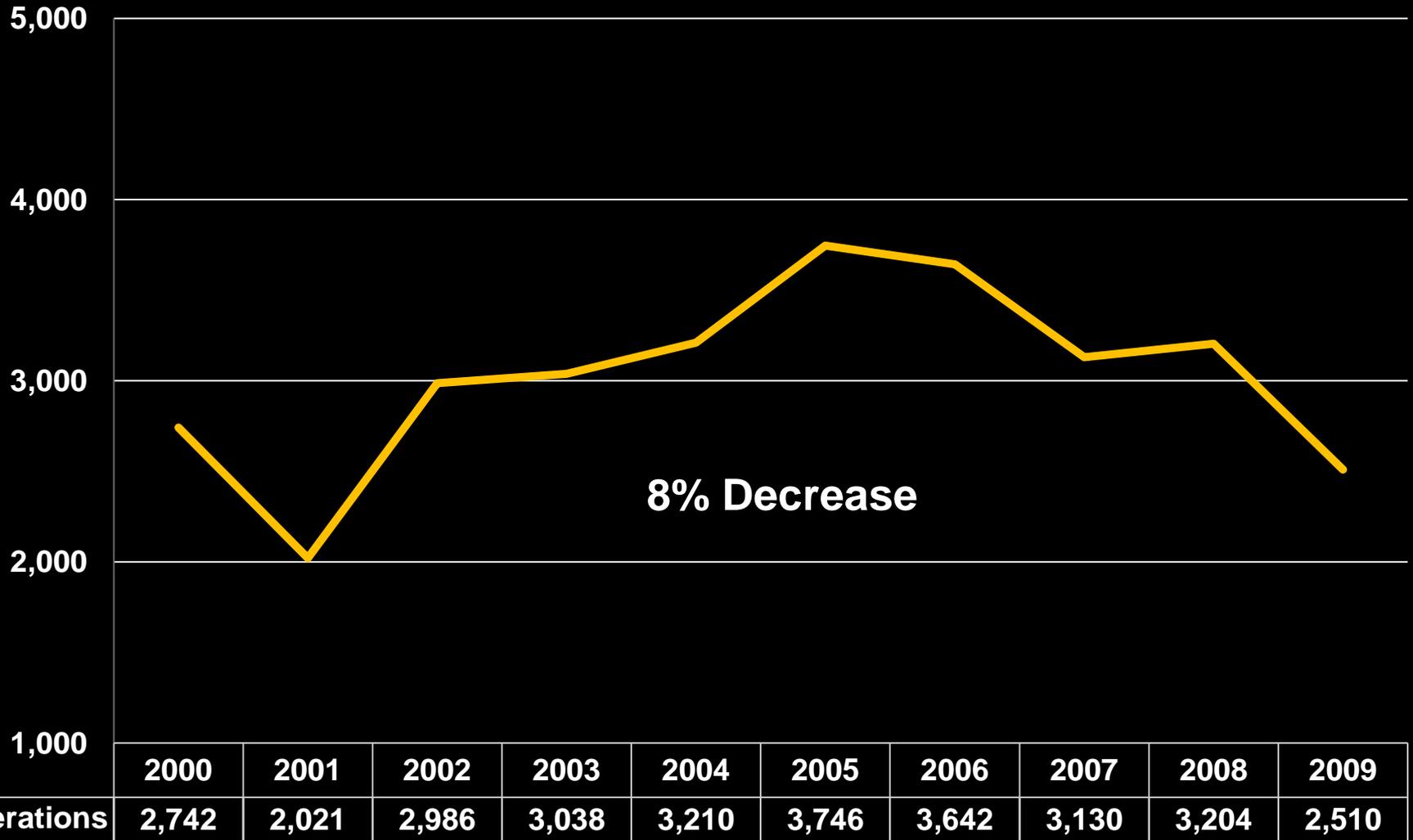
10 Year Overview – Propeller Aircraft



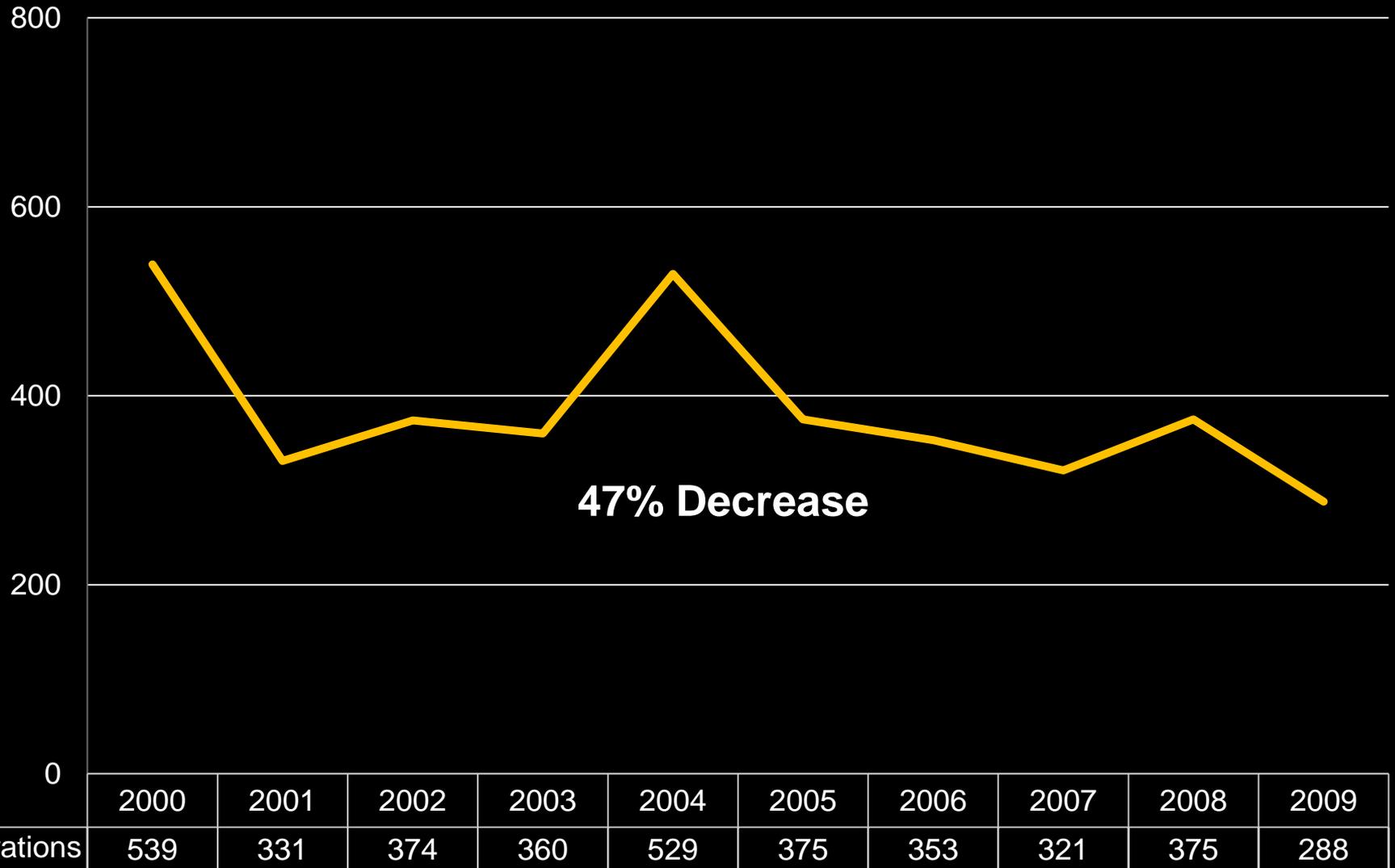
10 Year Overview - Jet Aircraft



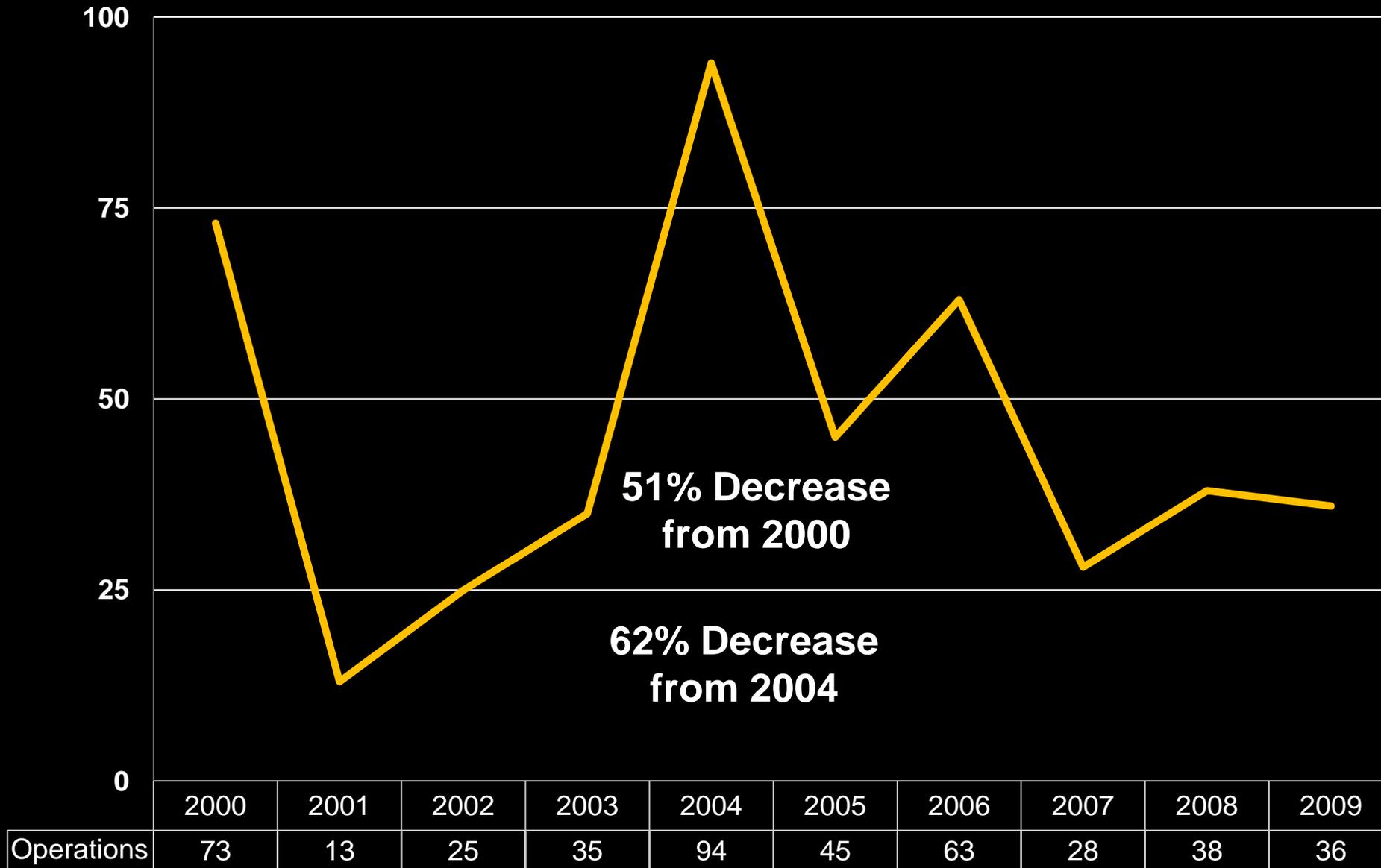
10 Year Overview - Helicopter



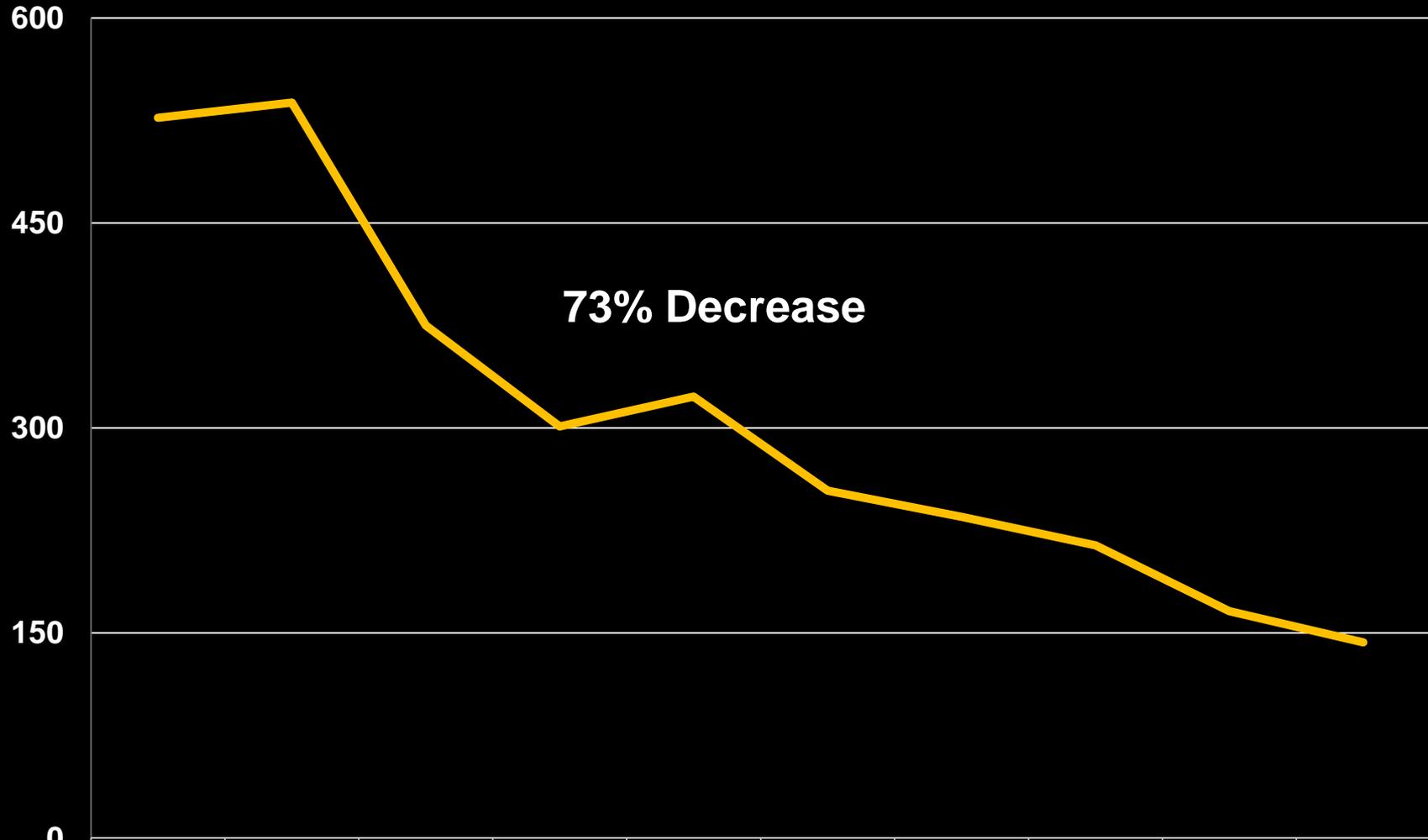
10 Year Overview – Night Arrivals



10 Year Overview – Curfew Departures



10 Year Overview - Violations



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total Violations	527	538	375	301	323	254	235	214	166	143

Summary

- ◎ Period 2008 – 2009
 - Decrease in Overall Operations
 - Decrease in night arrivals (less than 1 arrival per night)
 - Decrease in curfew departures
 - Decrease in Noise Violations (99.9% compliance)
- ◎ 10 Year Period
 - 35% decrease from 2000 in Overall Operations
 - 39% decrease from 2000 for Propeller Operations
 - Jet Operations below 2002 levels (13,888, 25% decrease from 2007)
 - 47% decrease since 2000 for Night arrivals (less than 1 arrival/night)
 - 73% decrease since 2000 in Noise Violations

Questions??

Contact our Noise Management Office

Tel. 310.458.8692 web: www.santamonicaairport.org email: noise@smgov.net