

Runway Incursion Briefing

(ICAO Definition applied to FY 04-07 data)

Presented to: Northwest Mountain Region

Regional Runway Safety Summit

By: Wes Timmons, Director of Runway Safety

Date: July 23, 2008



Federal Aviation
Administration



A CHANGE

A NOTE TO READERS

Effective October 1, 2007 (Fiscal Year 2008), the FAA adopted the ICAO definition for a **Runway Incursion**. To allow for comparison to previous years, we have applied this new definition to the historical data. Since the previous events were not classified using the current process, the resulting categorizations are a close approximation.

THE DEFINITION

The ICAO definition:

“Any occurrence at an aerodrome involving the incorrect presence of an aircraft, vehicle or person on the protected area of a surface designated for the landing and take take-off of aircraft.”

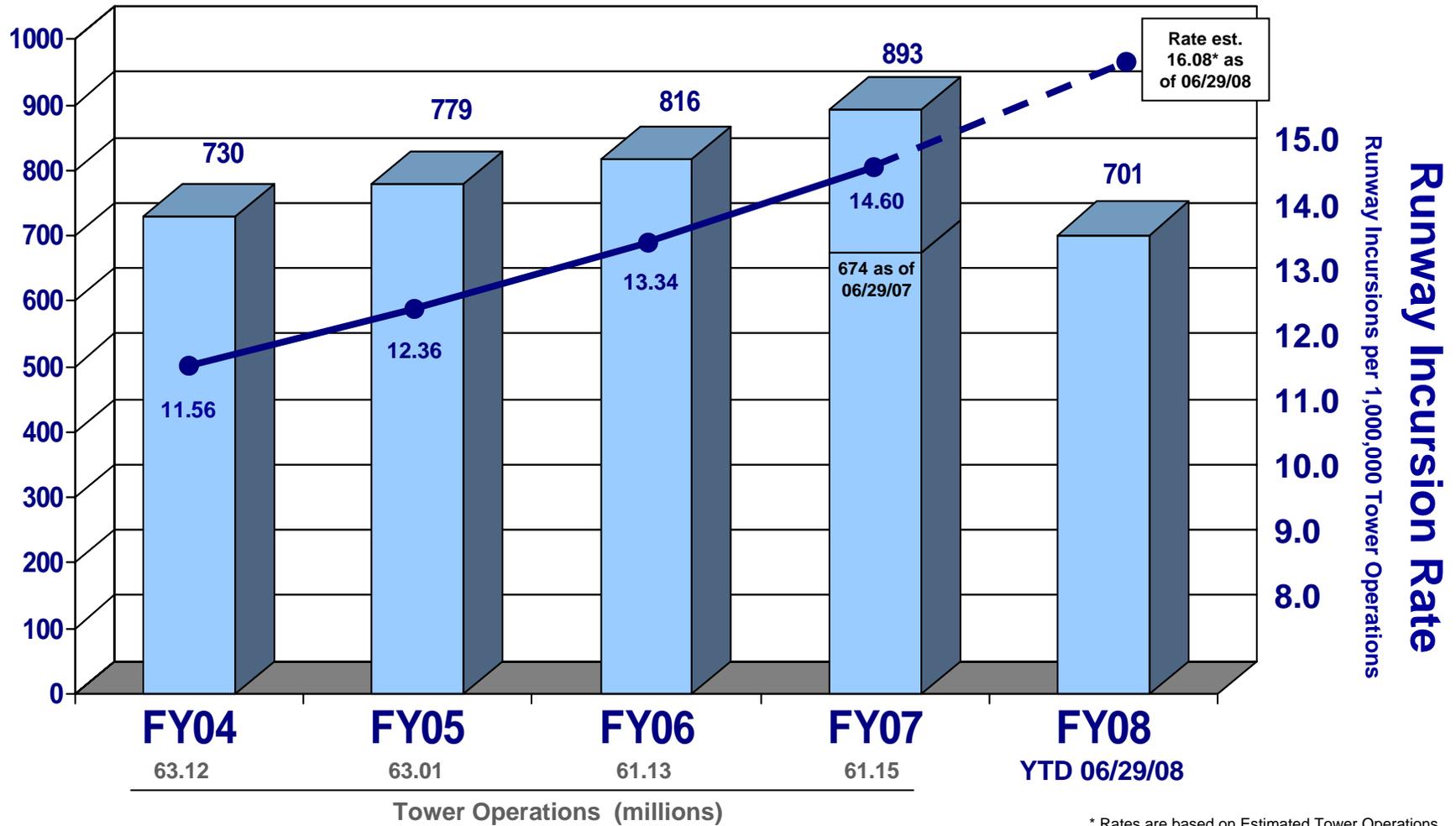
The major difference between the ICAO and our previous definition is that non-conflict or non-collision hazard events that occur on the protected surface of the runway are now classified as runway incursions.

THE EFFECTS

The most noticeable effect is more incidents are classified as runway incursions and will be included in the dataset for analysis. The severity parameters for category A and B (most severe) type incidents has not changed. Category C now comprises the previous categories C and D. Category D now comprises those former surface incidents that occur within the protected area of the runway. Generally, category D incidents will not involve a conflict.



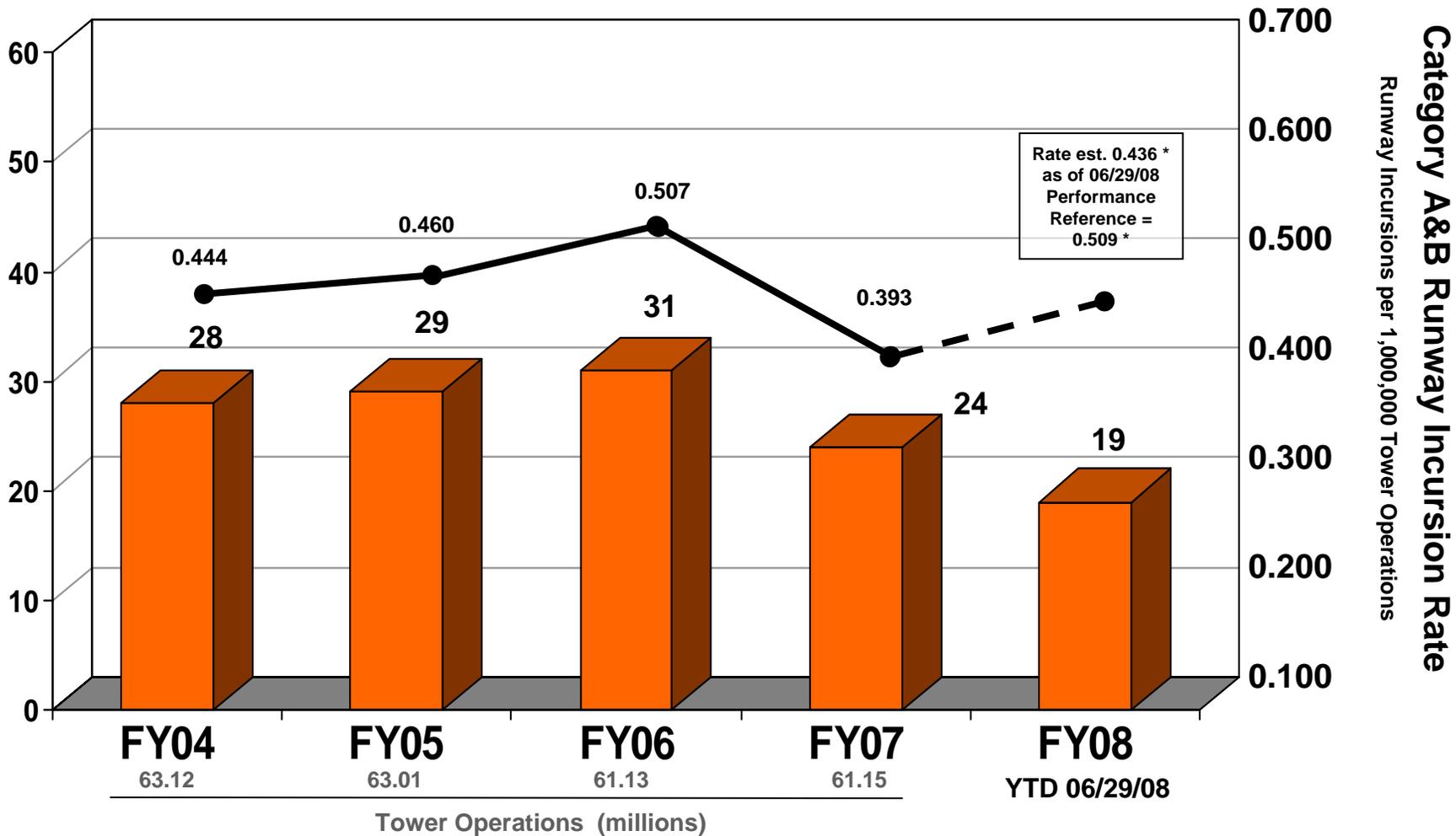
All Categories of Runway Incursions



* Rates are based on Estimated Tower Operations



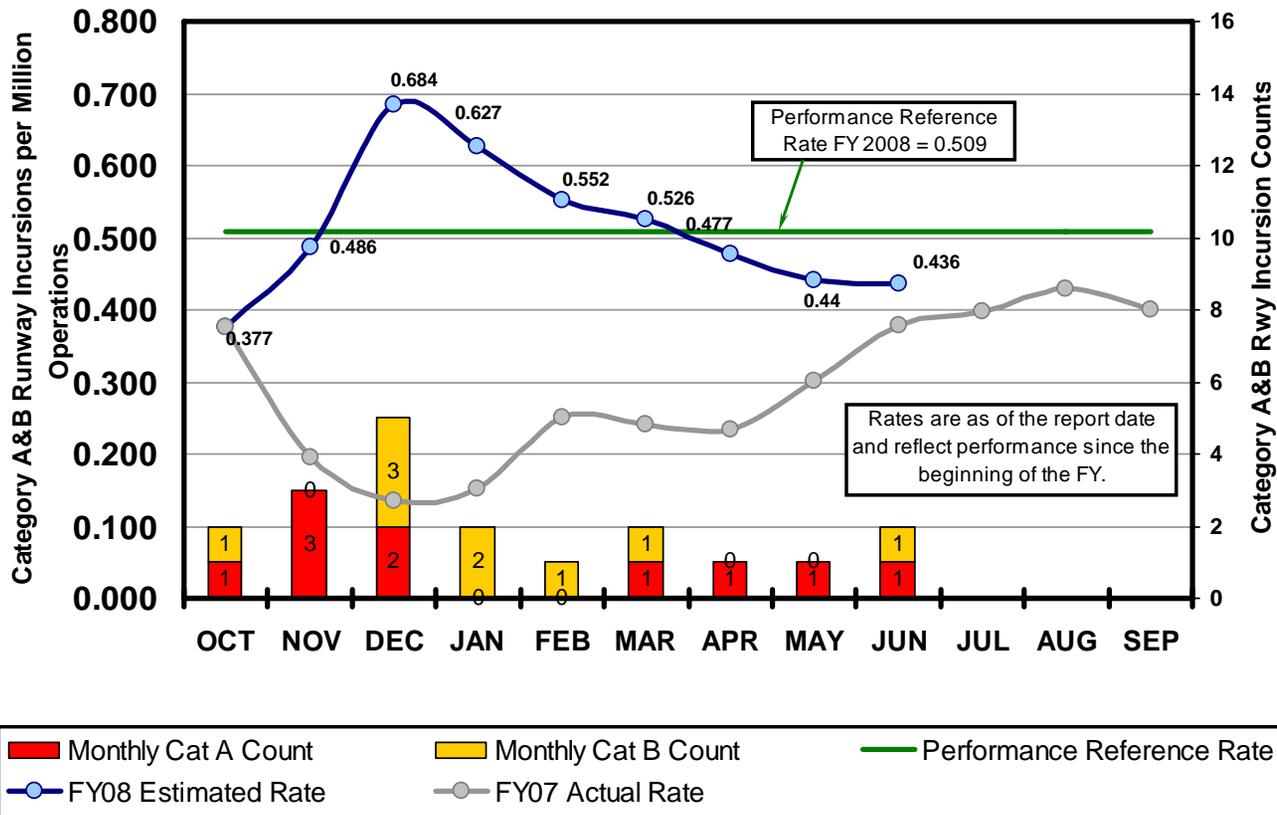
Category A&B Runway Incursions



* Rates are based on Estimated Tower Operations



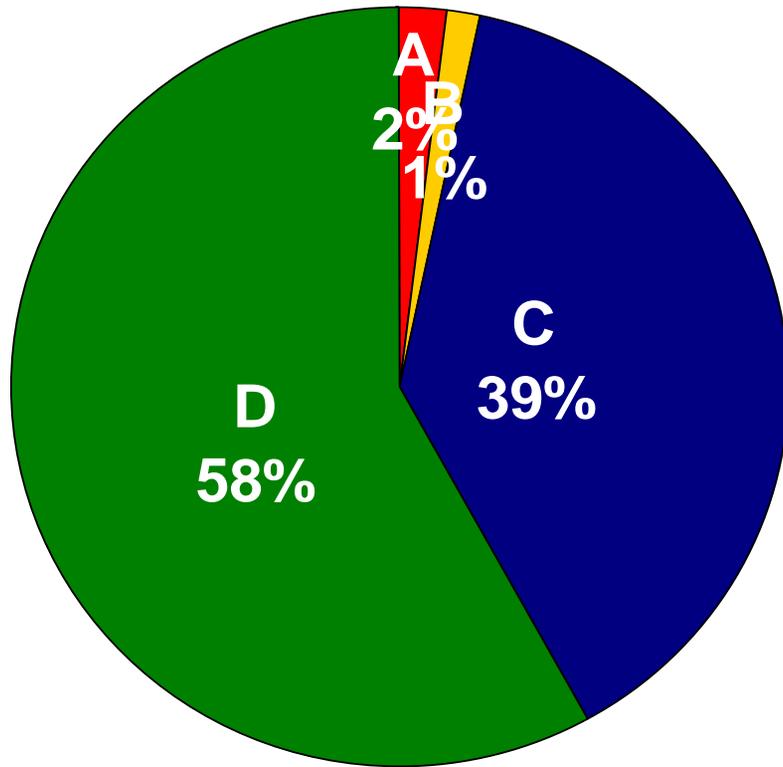
FY 2008 Category A&B Rates and Counts



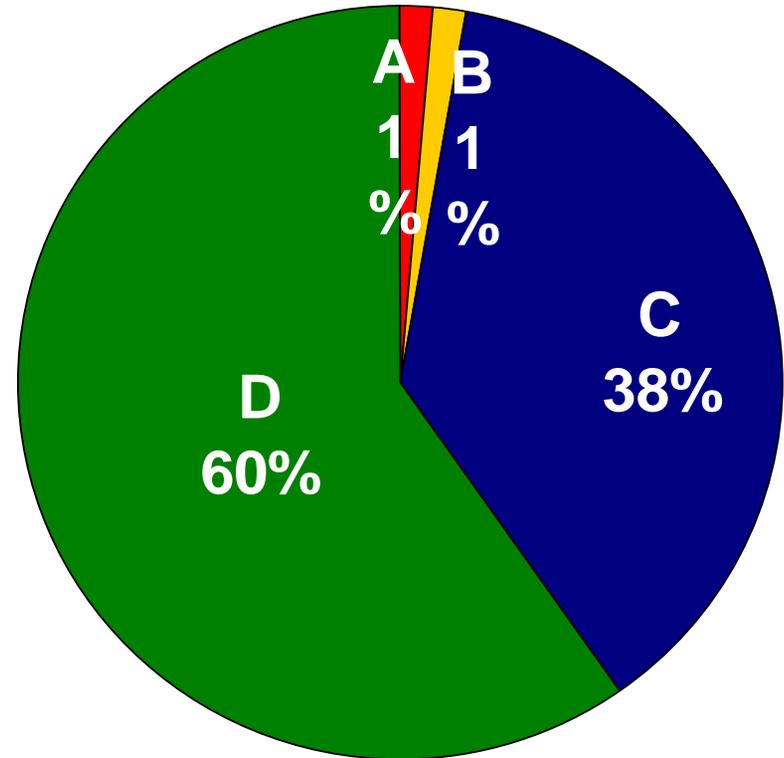
Total Category A&B Runway Incursions YTD FY 2008: 19

Total Category A&B Runway Incursions YTD FY 2007: 17

Severity Distribution of Runway Incursions



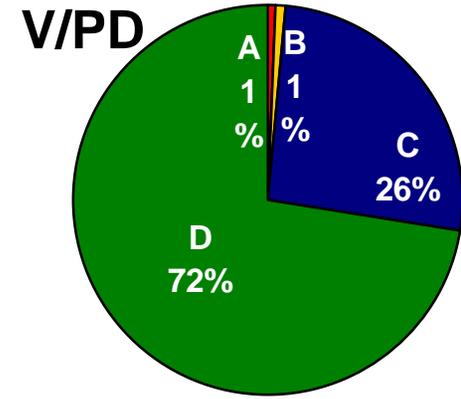
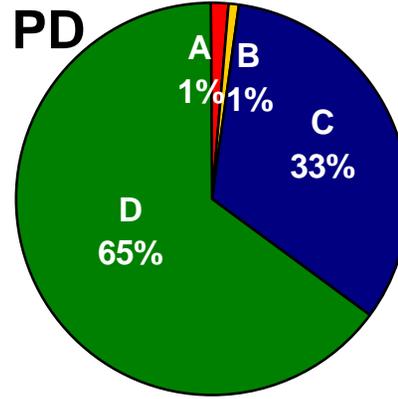
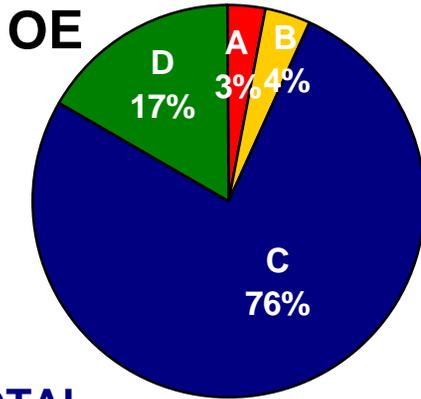
FY 2004-2007



FY 2008 YTD (06/29/08)

Runway Incursions by Type/Category

FY 2008 to Date (06/29/08)



**FY2008
YTD TOTAL**
701

102

+

450

+

149

= 701

**FY2007
YTD TOTAL**
588

84

+

442

+

148

= 588

**FY2007
EOY TOTAL**
892

123

+

575

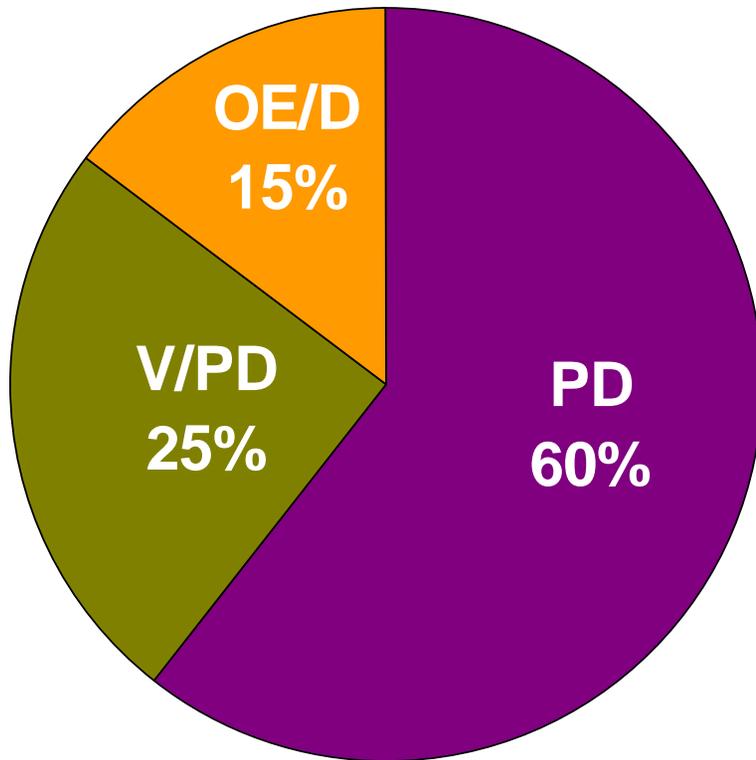
+

194

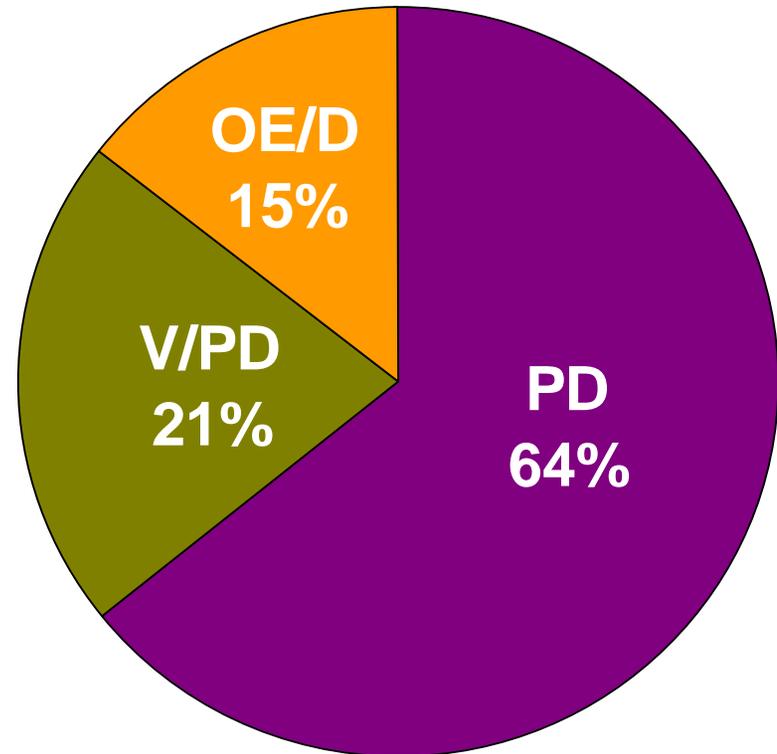
= 892



Distribution by Type of Runway Incursions



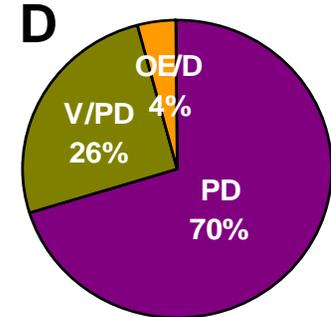
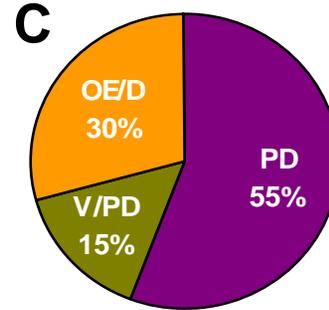
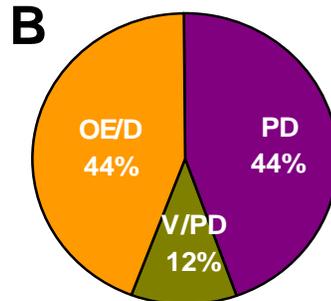
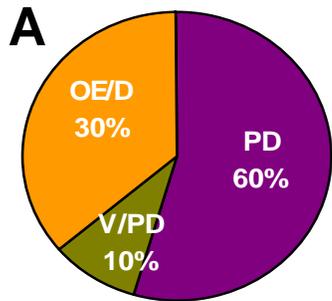
FY 2004-2007



FY 2008 YTD (06/29/08)

Runway Incursions by Category/Type

FY 2008 to Date (06/29/08)



**FY2008
YTD TOTAL**

701 10 + 9 + 264 + 418 = 701

**FY2007
YTD TOTAL**

674 12 + 5 + 257 + 400 = 674

**FY2007
EOY TOTAL**

892 17 + 7 + 346 + 522 = 892