# FPL Monitoring Group 2019 Data Collection

Presented by Fernando A. Cassó Rodríguez Rapporteur FPL Mon Group

NAM/CAR Air Traffic Services Inter-facility Data Communication (AIDC) and North American Interface Control Document (NAM/IDC) Implementation Follow-up Meeting (AIDC/NAM/ICD) Mexico City, Mexico, from 8 to 11 April 2019

# **FPL Error Data Collection**

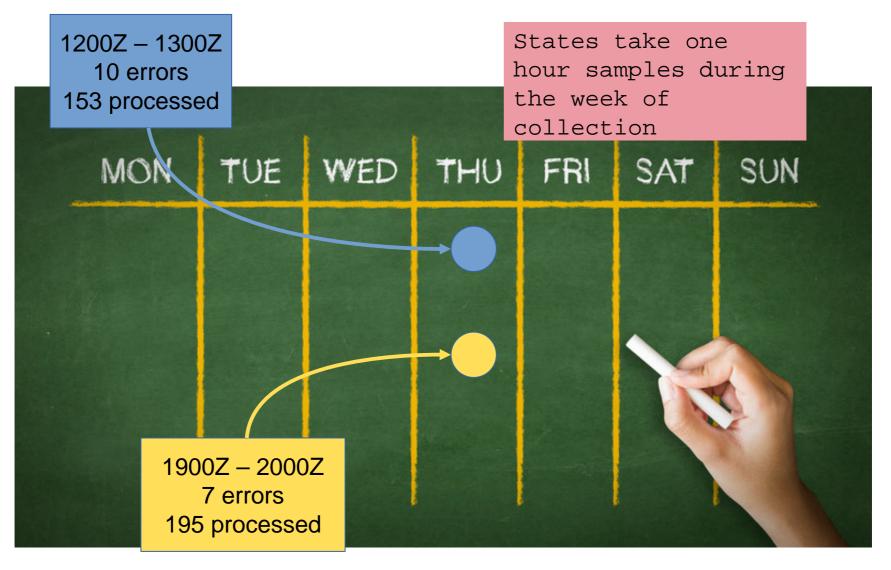
- A recurring activity
- Used to measure effectiveness of error mitigation measures



# **2019 Data Collection**

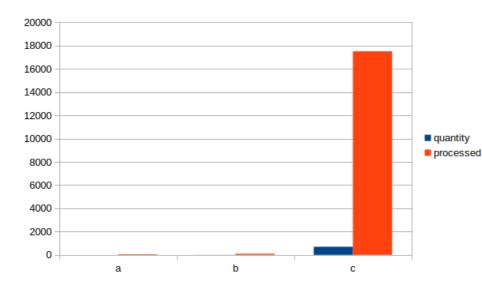
- Data has been collected from:
  - Barbados
  - Grenada
  - Guadaloupe
  - Haiti
  - Martinique
  - Mexico
  - St. Kitts
  - Trinidad and Tobago (PIARCO)
  - United States

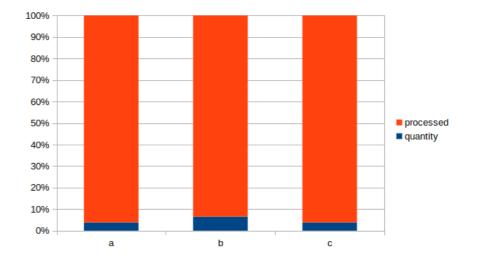
# Methodology – Collection

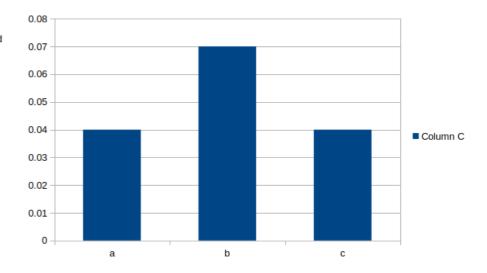


# Methodology – Data Analysis

Absolute values skew results. Percentages or ratios are better.



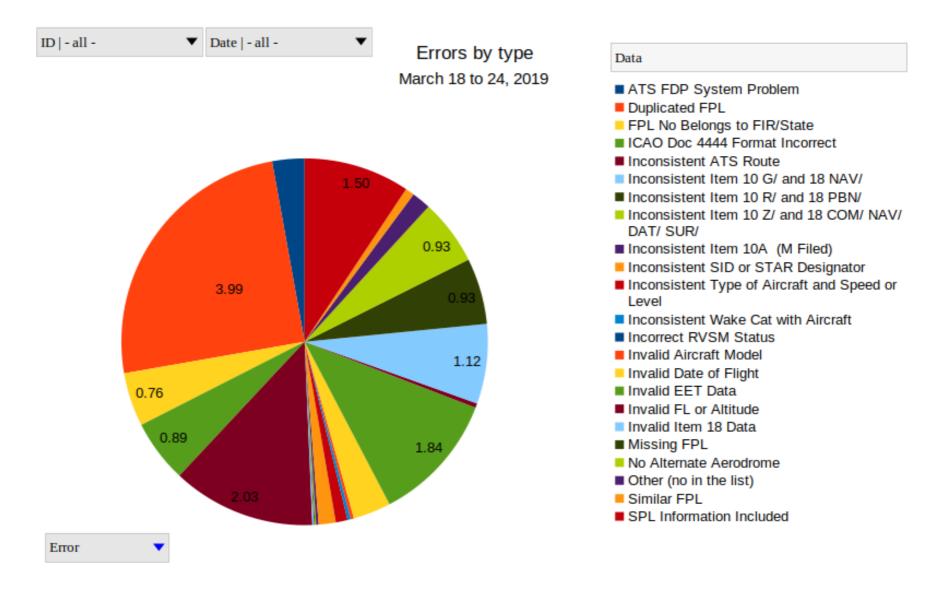


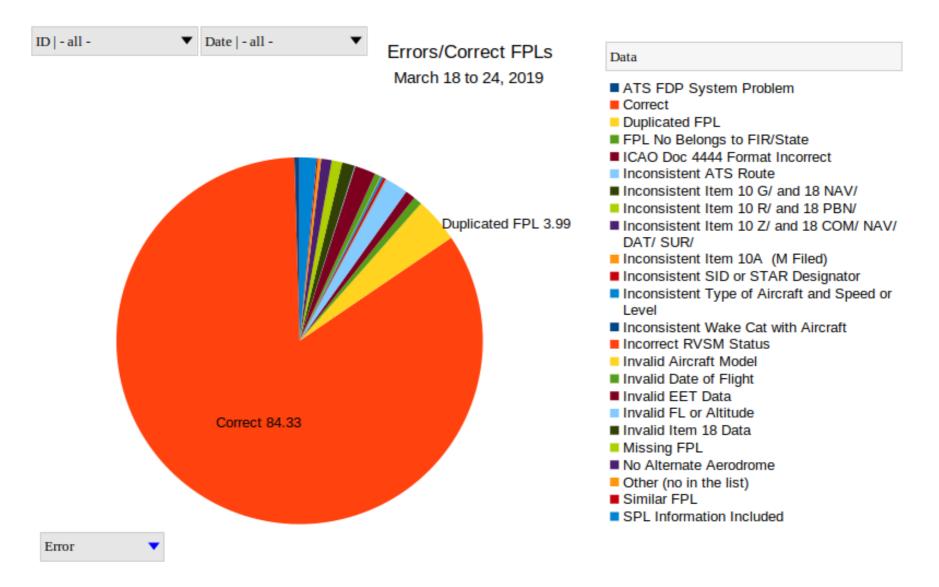


# Methodology – Data Analysis

Suppose that the flight plans reported by the States totalled 100

State	Total processed	Total errors	State	Ratio	Per 100 FPLs
State A	350	70	State A	0.2	10
State B	1200	480	State B	0.4	20

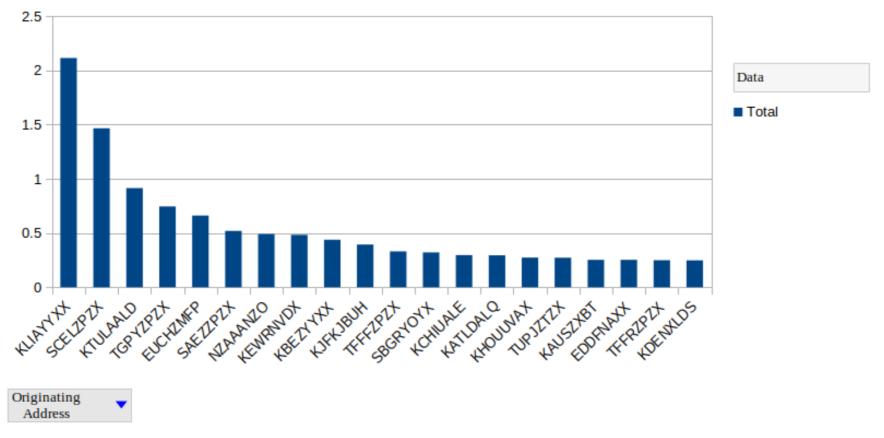




ID | - all - 🔻 Date | - all -

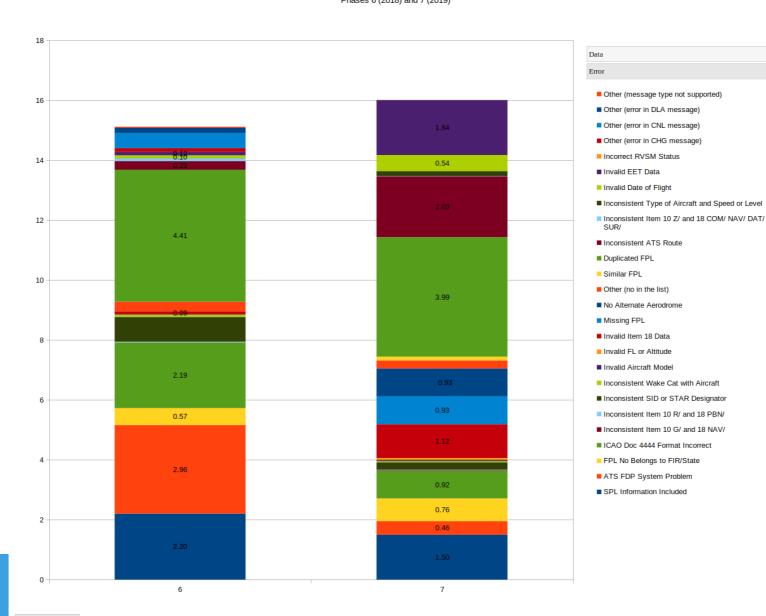
#### Errors by Originating Address

March 18 to 24, 2019



ID	- all -	Date   - all -	Originating Address   -	

Errors Comparison Phases 6 (2018) and 7 (2019)

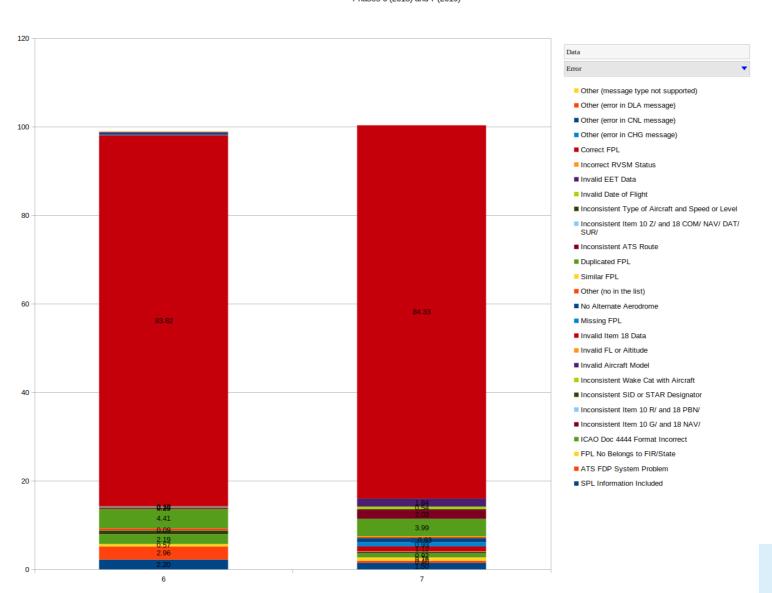


Phase

•

ID | - all - V Date | - all - V Originating Address | - all -

Errors/Correct FPLs Comparison Phases 6 (2018) and 7 (2019)



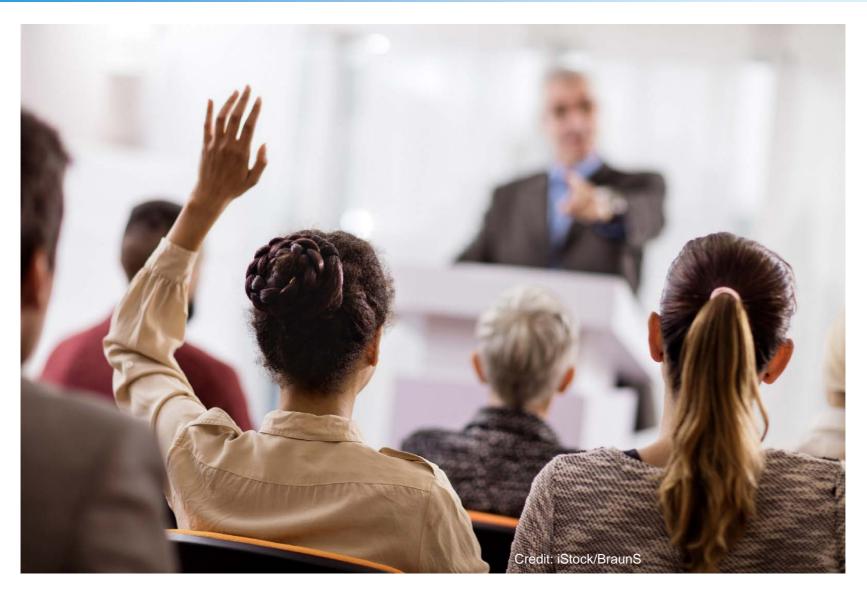
Phase

▼

# Summary

- Data collection is necessary to discover where the problems are.
- Errors are still high.
- Duplicates have slightly gone down, but remain as the main type of error.
- Other errors have a significant share of total.
- Mitigation measures need to produce more impact.

# Questions



#### Fernando Alipio Cas...

Instituto Dominicano De Aviacio... Encargado División Sistemas Ra...



809 796-1940 fernando.casso@idac.gov.do