



# Twenty-fifth Meeting of AFI Satellite Network Management Committee

*Freetown, Sierra, 18 – 22 December 2017*

**Agenda Item 2: Operational Statistics  
(*Missing FPL*)**

**(Presented by ASECNA)**

# 1. INTRODUCTION

According to the conclusion 18/17 of APIRG / 18, each ASECNA center was sensitized to conduct monthly surveys to find a suitable solution to the problem of missing flight plans. The investigations carried out concerning the missing flight plans of all aircraft both on arrival and over flight.

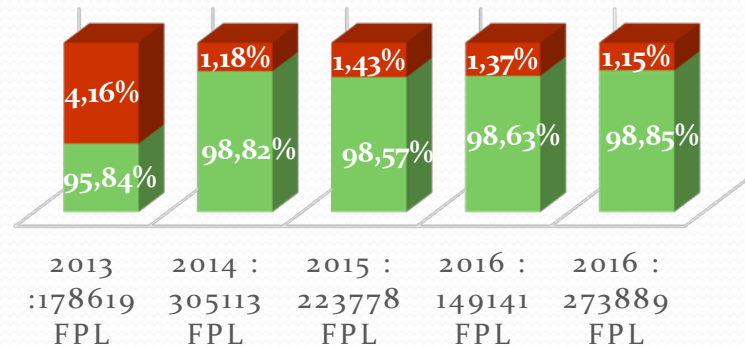
The present Working Paper gives a report on the availability of the FPL in ASECNA area from January to October 2017.

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# 2. Availability global of FPL in ASECNA area

IMPROVED RECEPTION FPL  
2013-2017

Received Not received



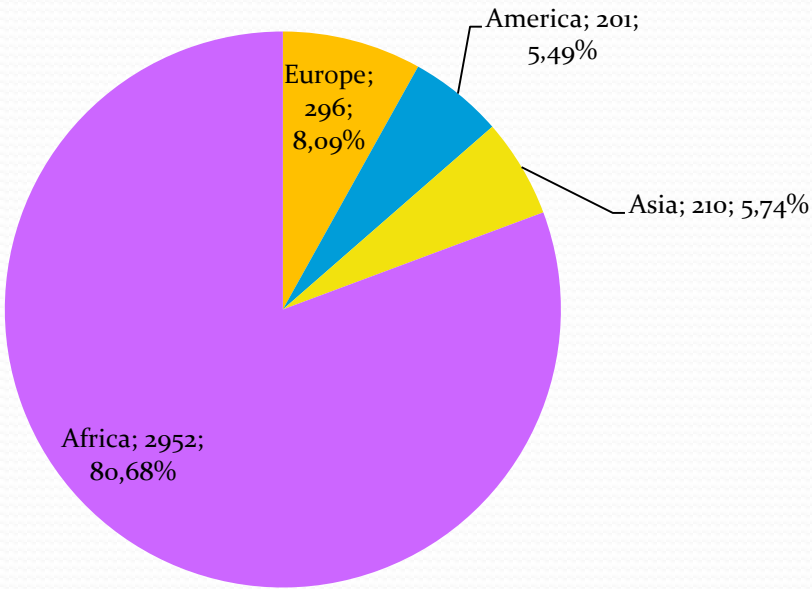
□ Number of FPL not received:

- 2013 : 7.425
- 2014 : 3.597
- 2015 : 3.192
- 2016 : 1.786
- 2017 : 3.137

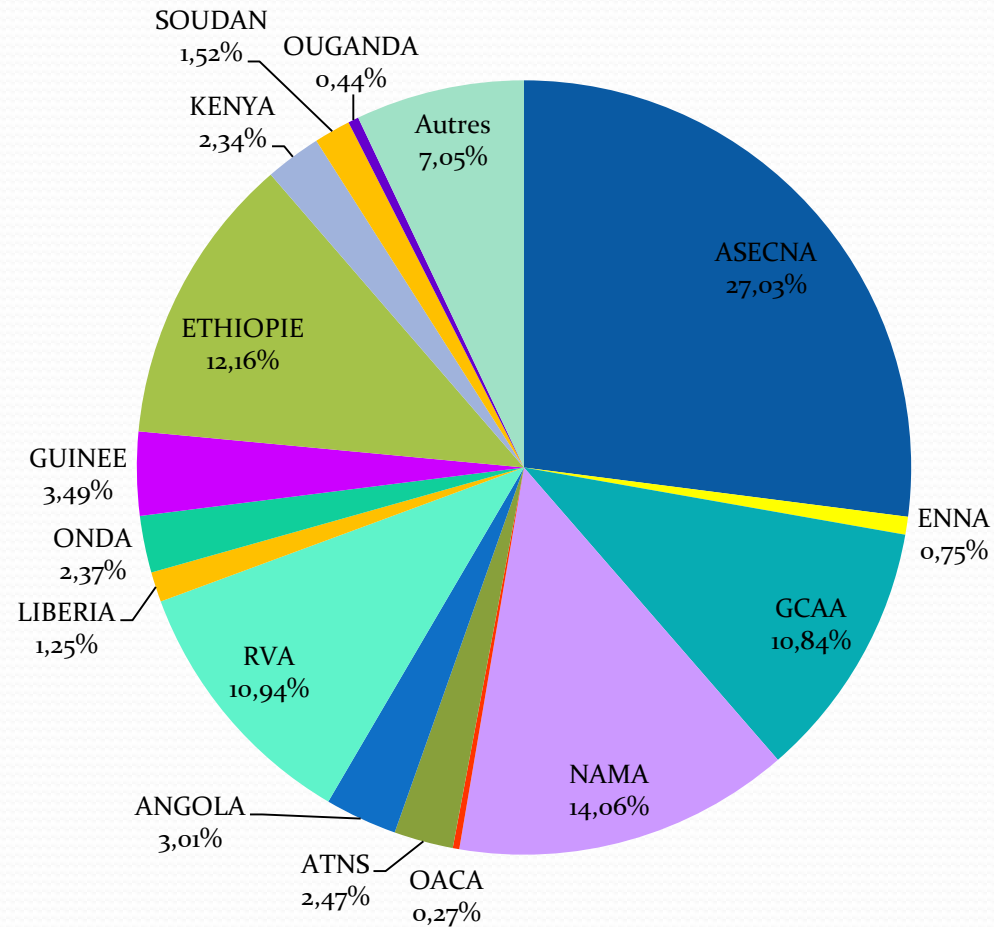
# 3. global Result of missing FPL

## 2017

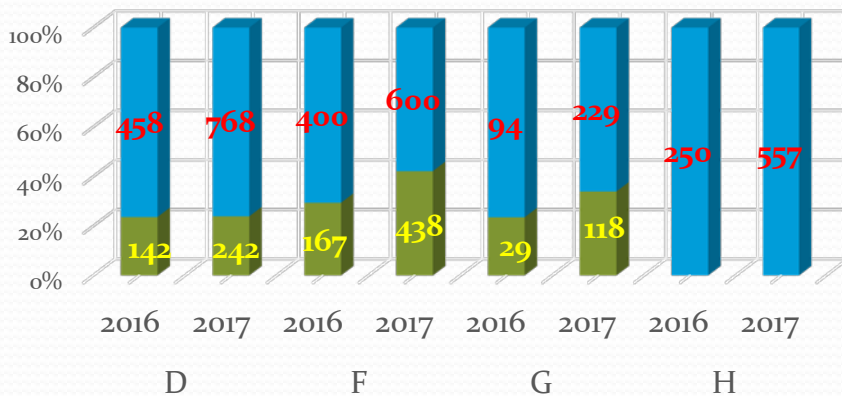
By continent



By ANSP in Africa

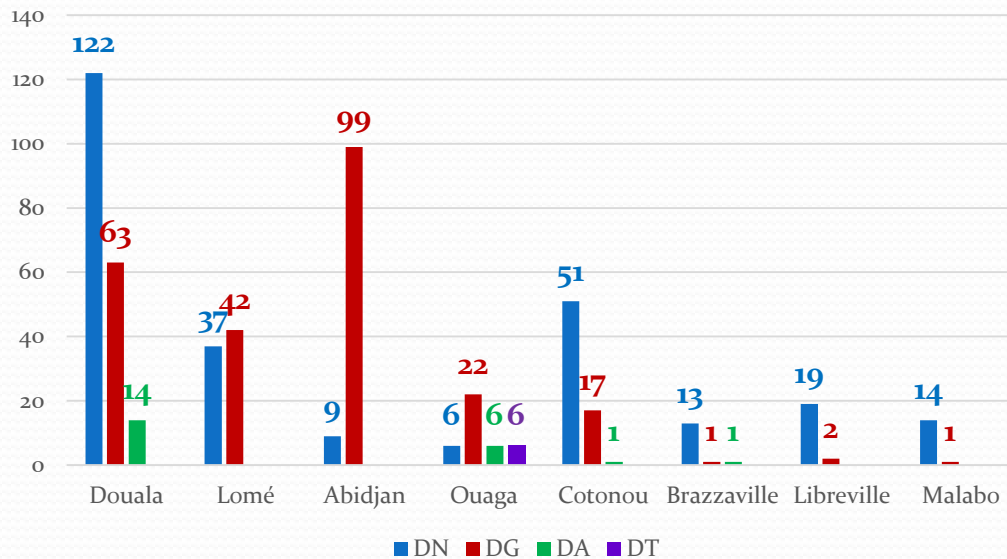


By African Region



# 4. Missing FPL from the indicators D area AFI

Number of missing FPL at ASECNA centre from D region  
Jan - Nov 2017



Lomé:

- All these FPL are for incoming flight from DNAA, DNMM and DGAA, DGLE;

Douala :

- All these FPL are for overflight from DNMM, DNAA, DNPO, DNEN, DNKN and DGAA;

Abidjan :

- Majority of these FPL relate to flights on arrival and Some are overflights from DGAA;

Ouagadougou:

- All these FPL relate to flights on arrival from DGAA;

Cotonou :

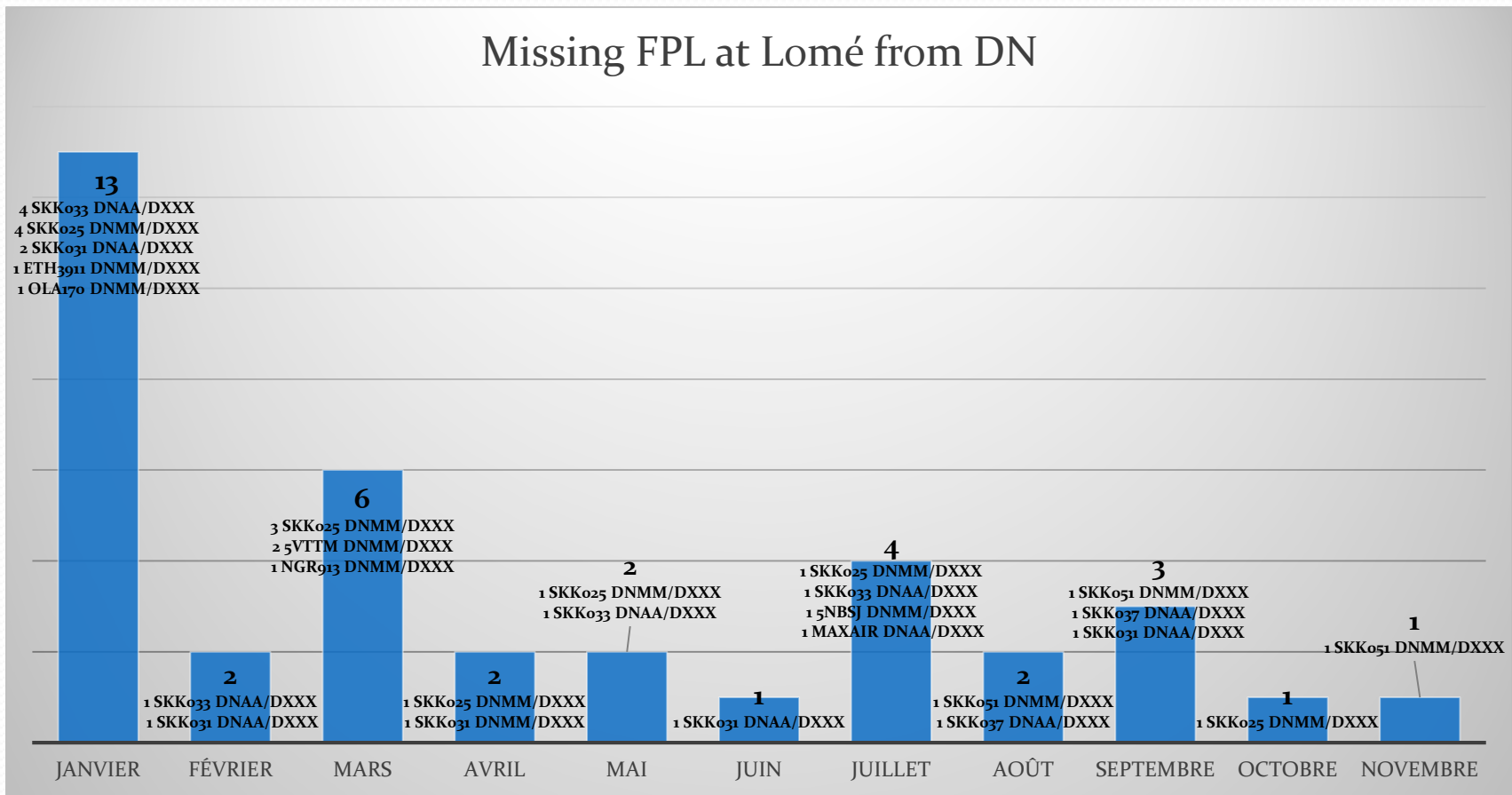
- All these FPL are for incoming flight from DNMM and DNPO

Libreville:

- Majority of these FPL are for overflight from DNMM, DNAA and DNPO;
- Some FPL relate to flights on arrival from DNMM and DNPO;

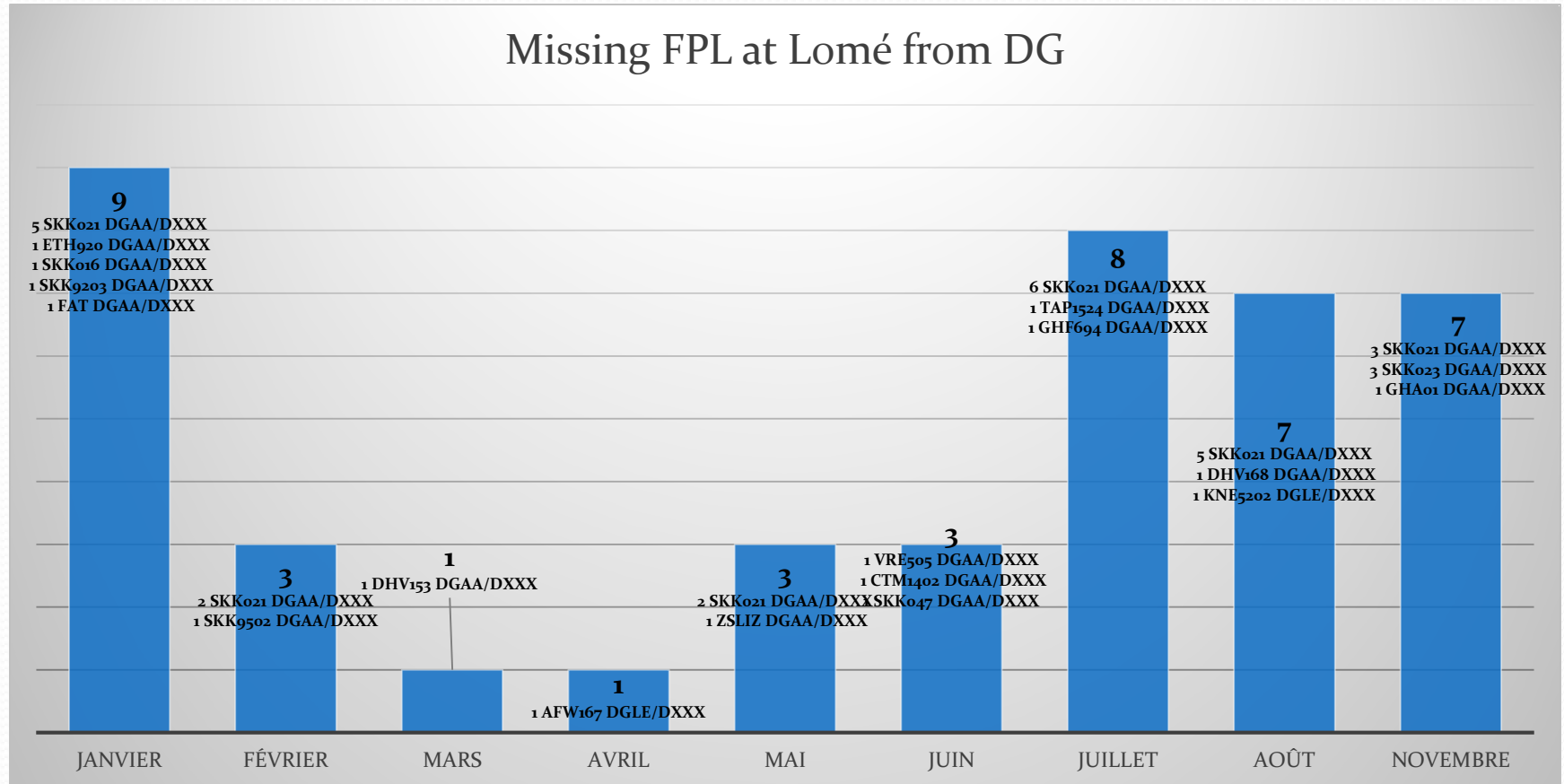
Details are in the next slides

# 5. Missing FPL at LOME from DN



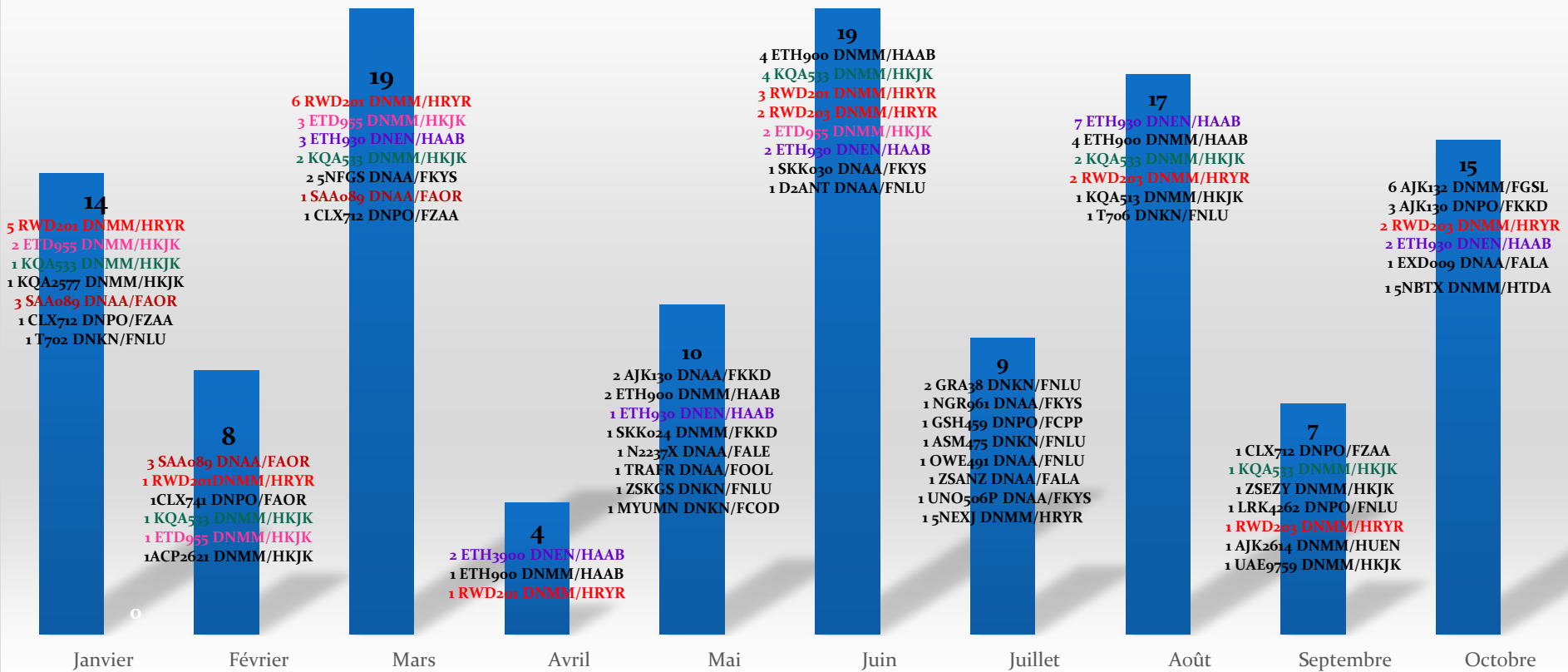
# 6. Missing FPL at LOME from DG

Missing FPL at Lomé from DG



# 7. Missing FPL at DOUALA from DN

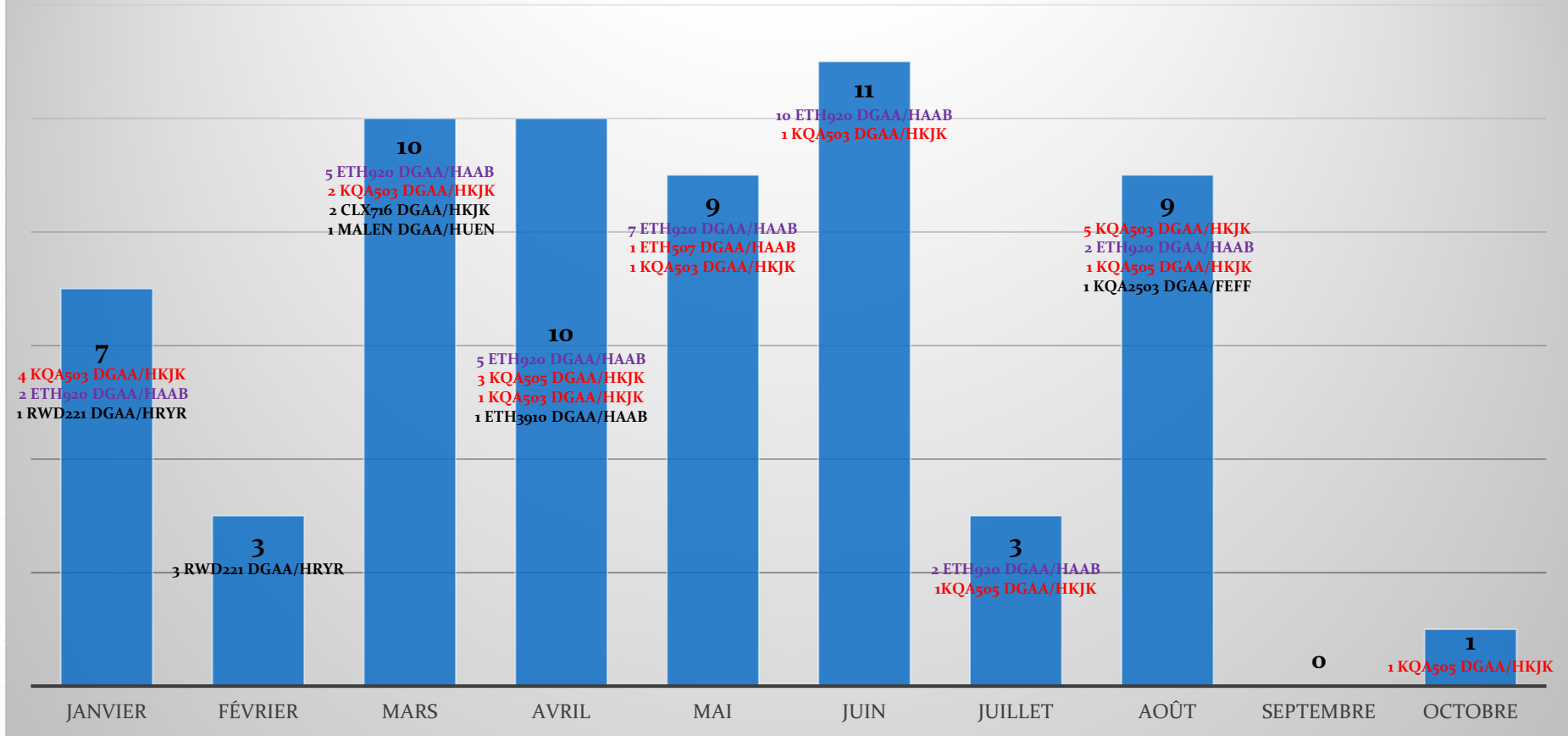
Missing FPL at Douala from DN





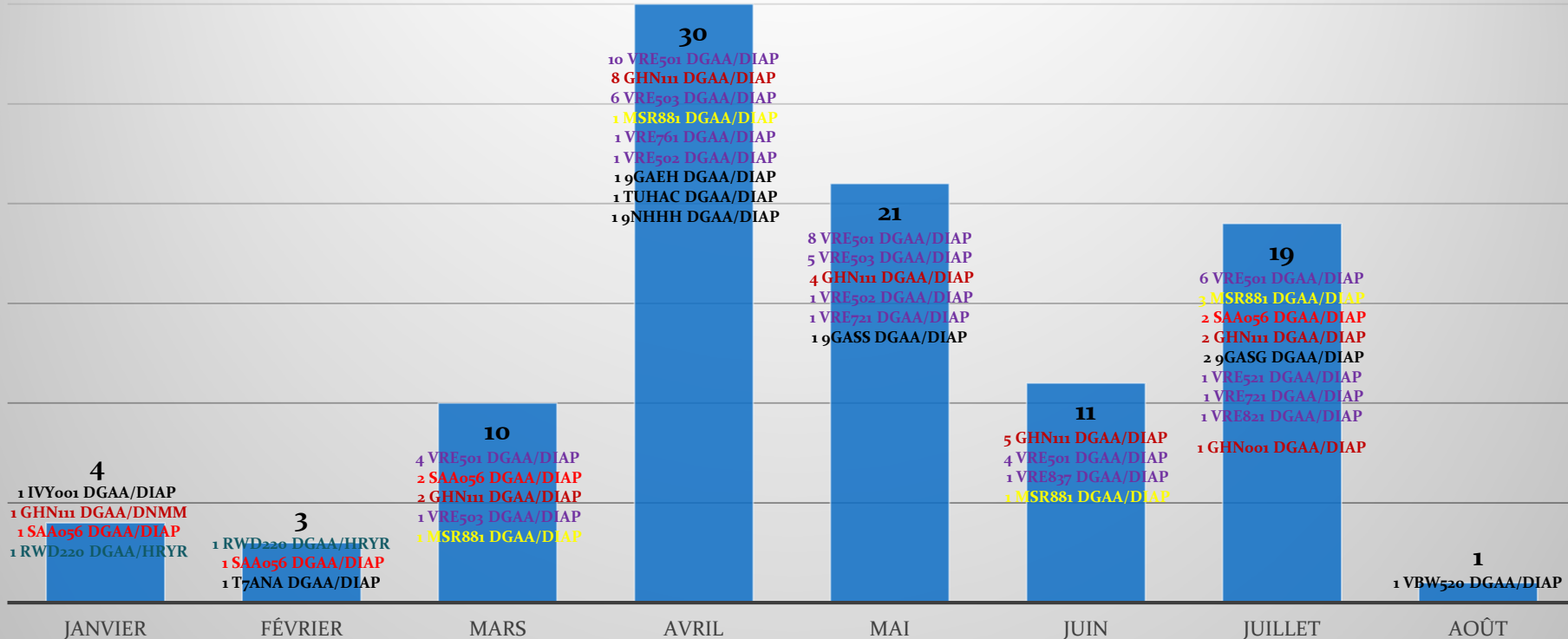
# 8. Missing FPL at DOUALA from DG

Missing FPL at Douala from DG



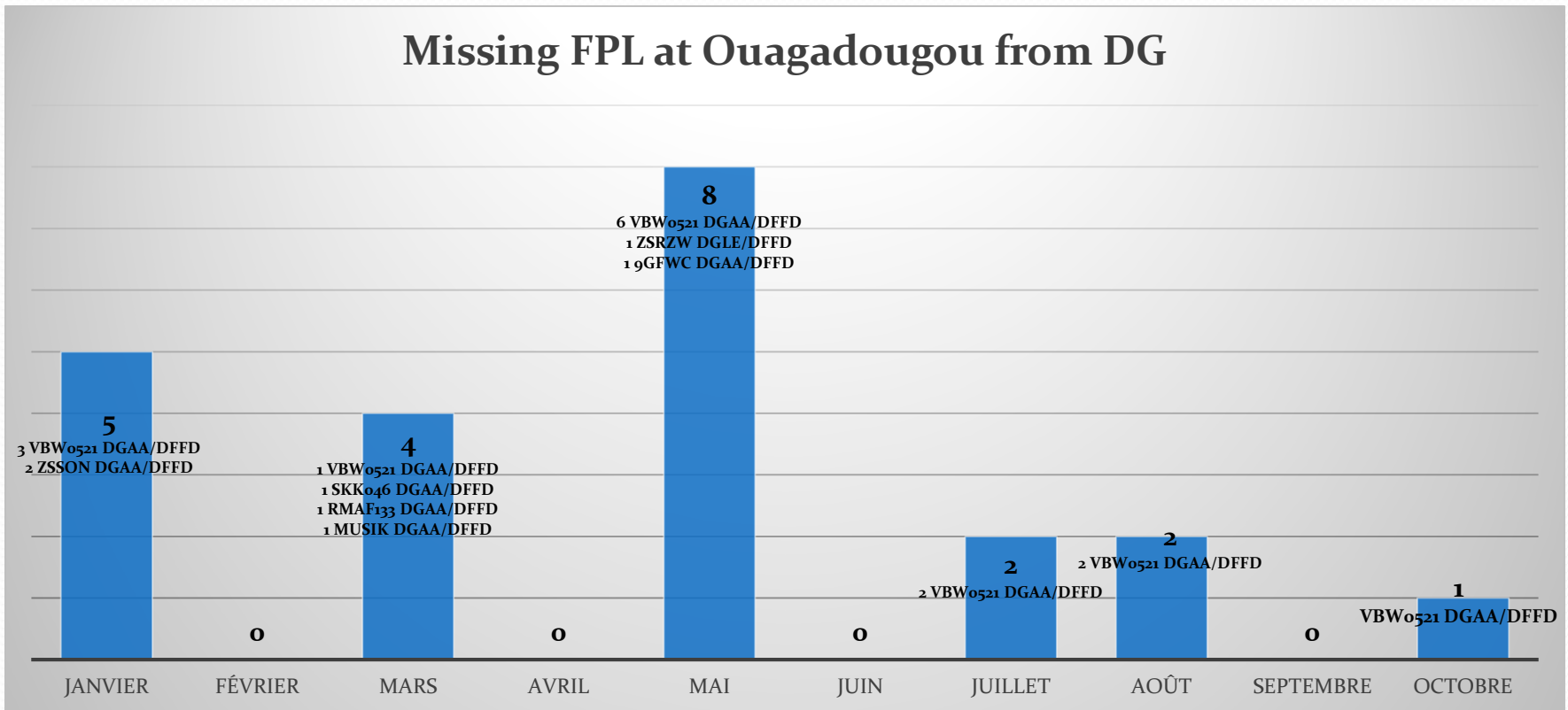
# 8. Missing FPL at ABIDJAN from DG

## Missing FPL at Abidjan from DG



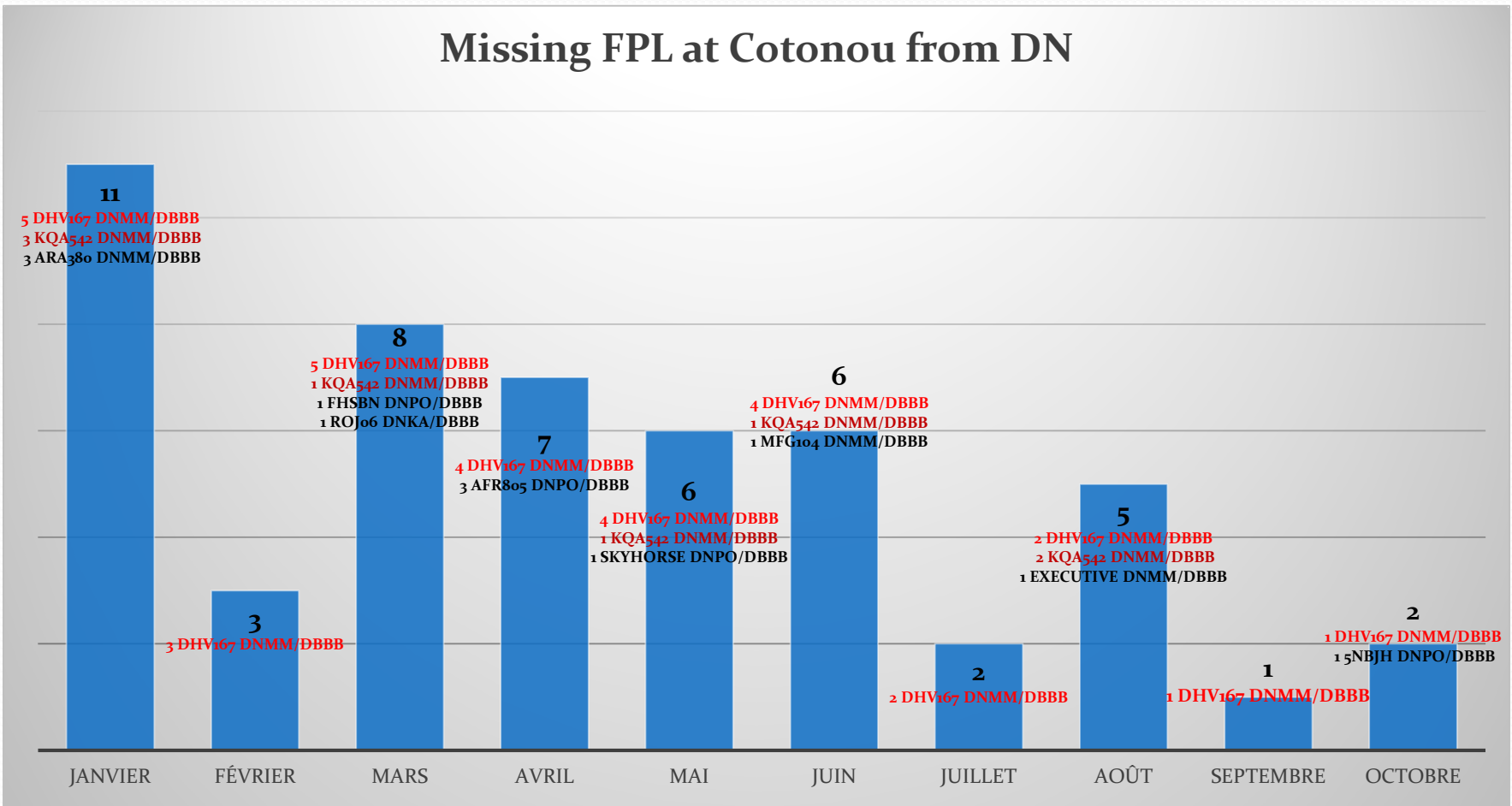
# 8. Missing FPL at OUAGA from DG

Missing FPL at Ouagadougou from DG



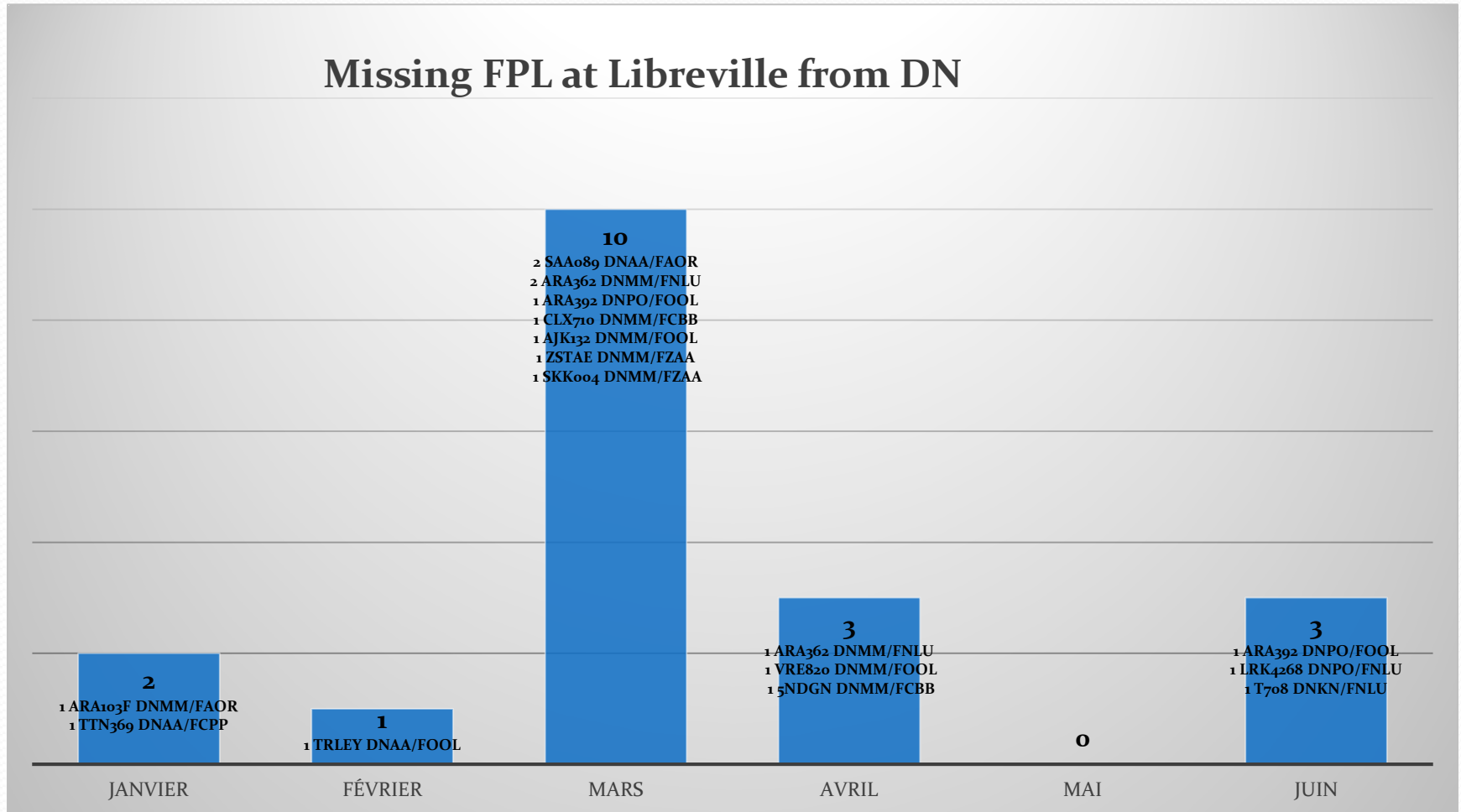
# 8. Missing FPL at COTONOU from DG

Missing FPL at Cotonou from DN



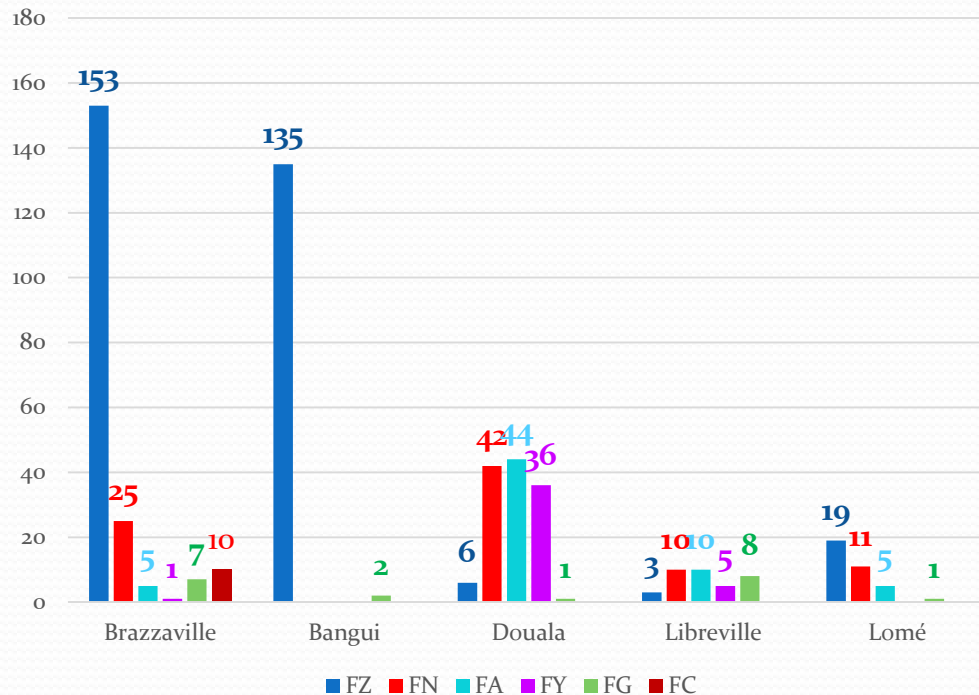
# 8. Missing FPL at LIBREVILLE from DN

Missing FPL at Libreville from DN



# 4. Missing FPL from the indicators F area AFI

Number of missing FPL at ASECNA centre from F region  
Jan - Nov 2017



Brazzaville :

- Majority of these FPL traffic are for overflight and some relate to flights on arrival from FZAA, FZEA, FZAU, FZAG, FZQA and FNLU;

Bangui:

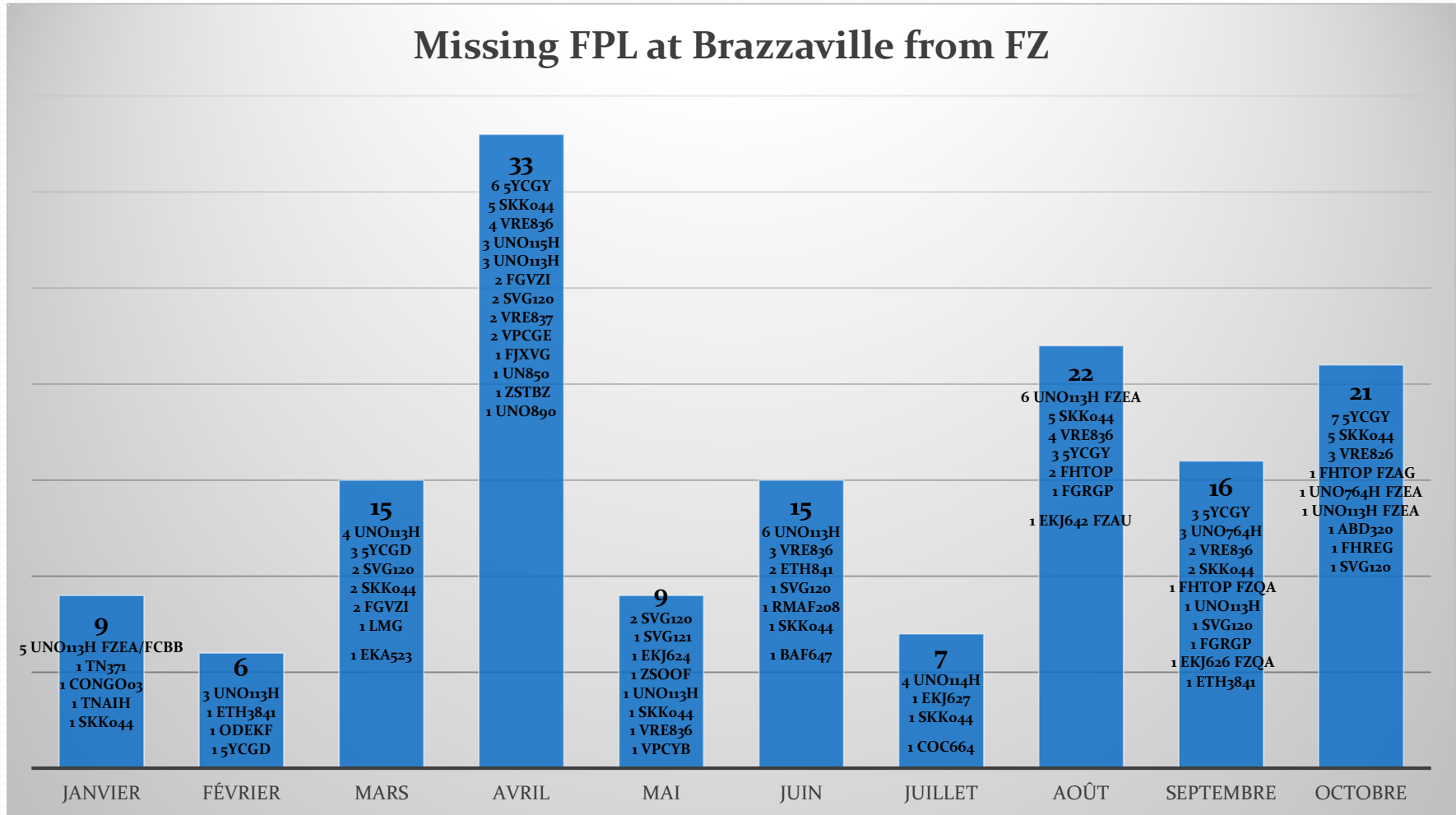
- Majority are ONU traffics from FZIC, FZFD, FZFA, FZEA;

Douala & Libreville:

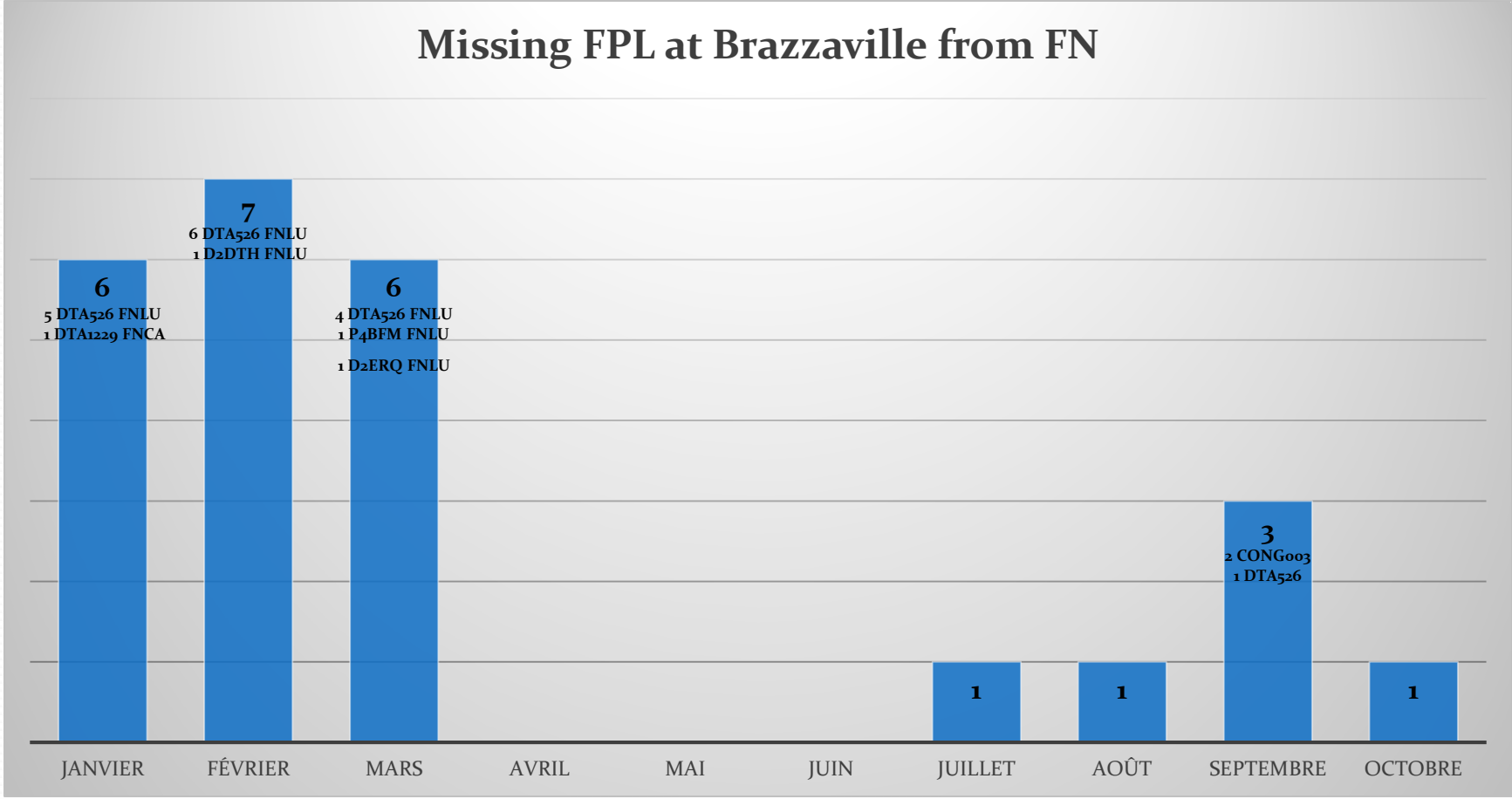
- Majority of these FPL are for overflight from FACT, FAOR, FAUP, FACA

Details are in the next slides

# 8. Missing FPL at BRAZZAVILLE from FZ

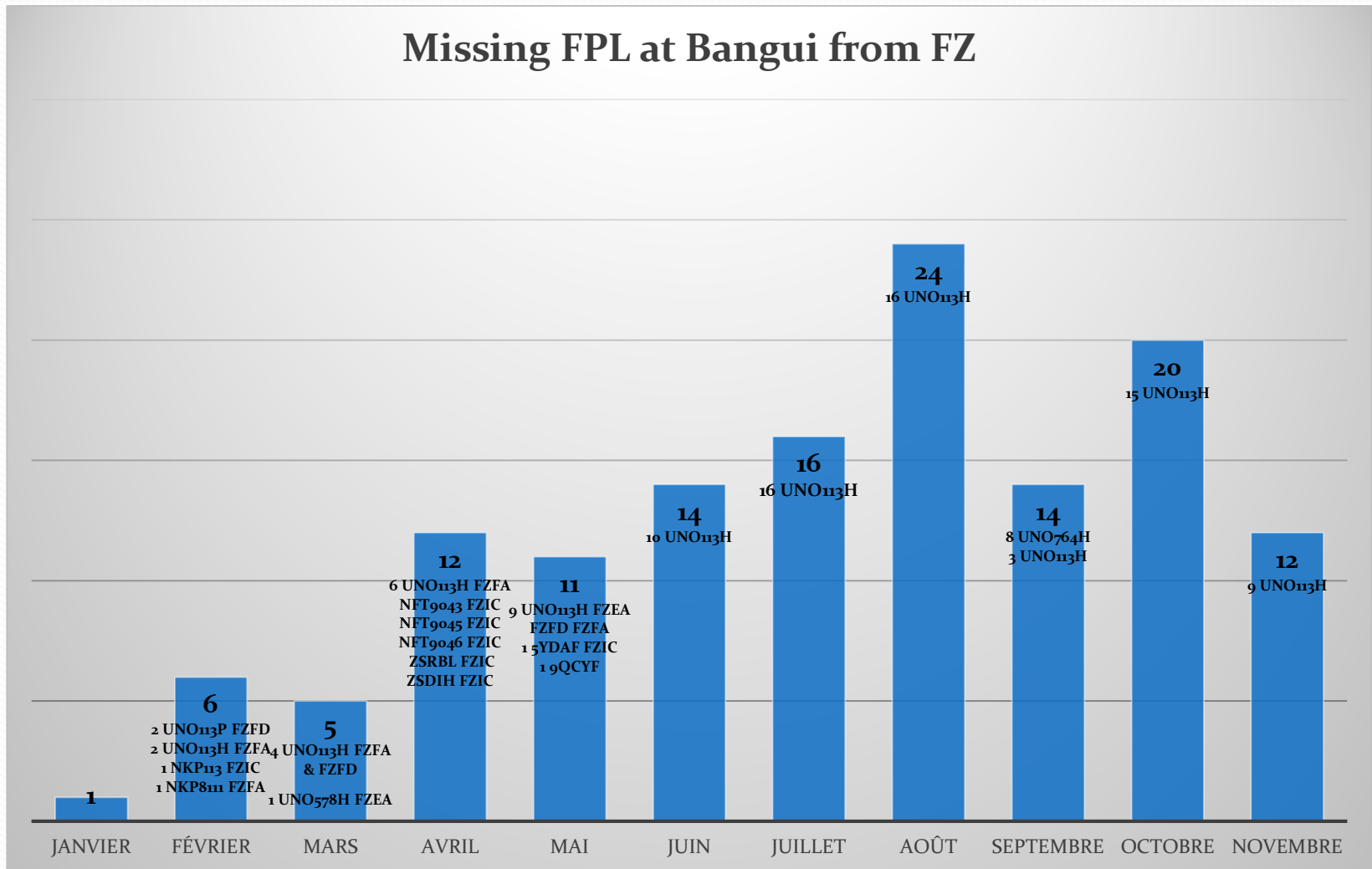


# 8. Missing FPL at BRAZZAVILLE from FN

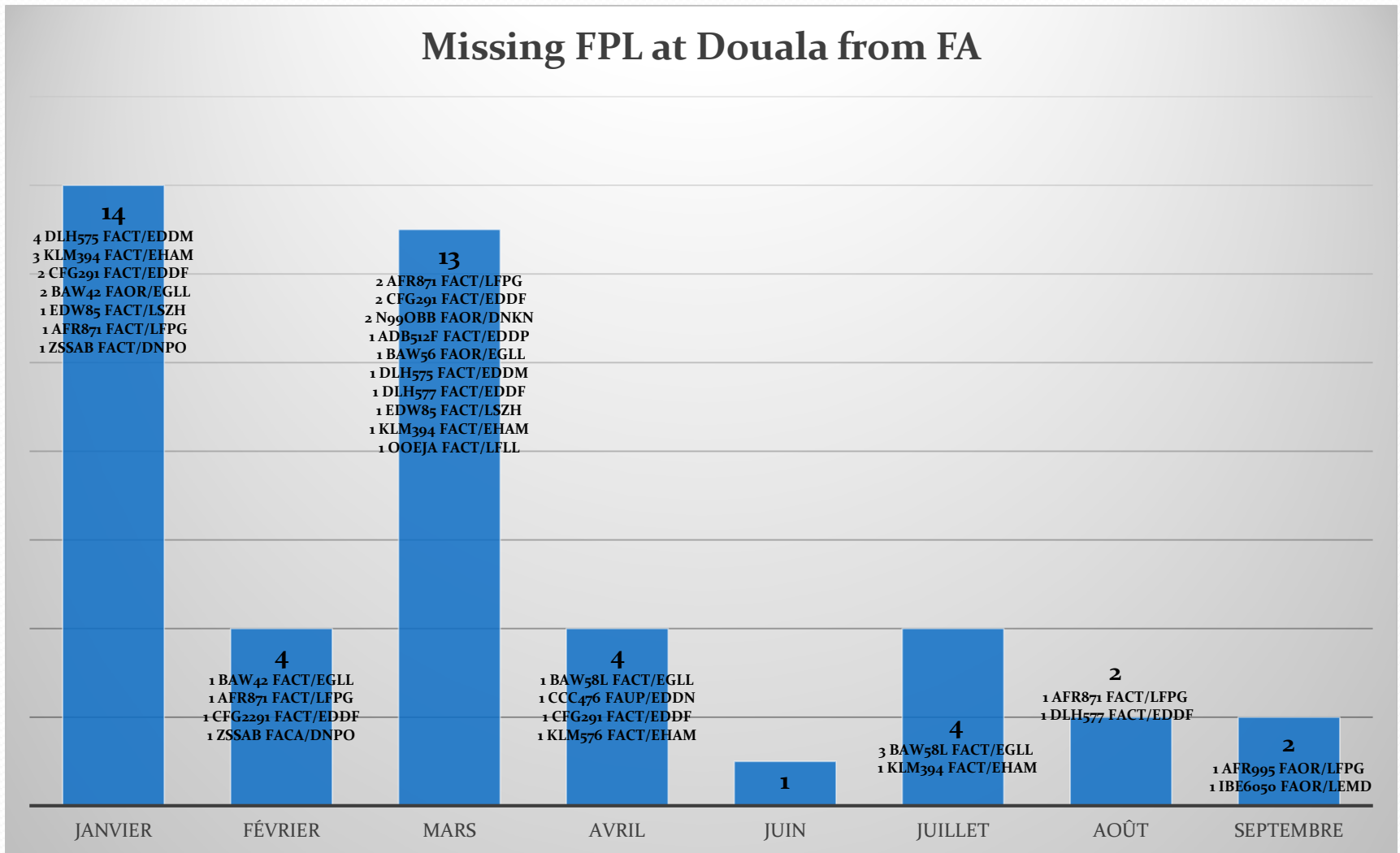




# 8. Missing FPL at BANGUI from FZ

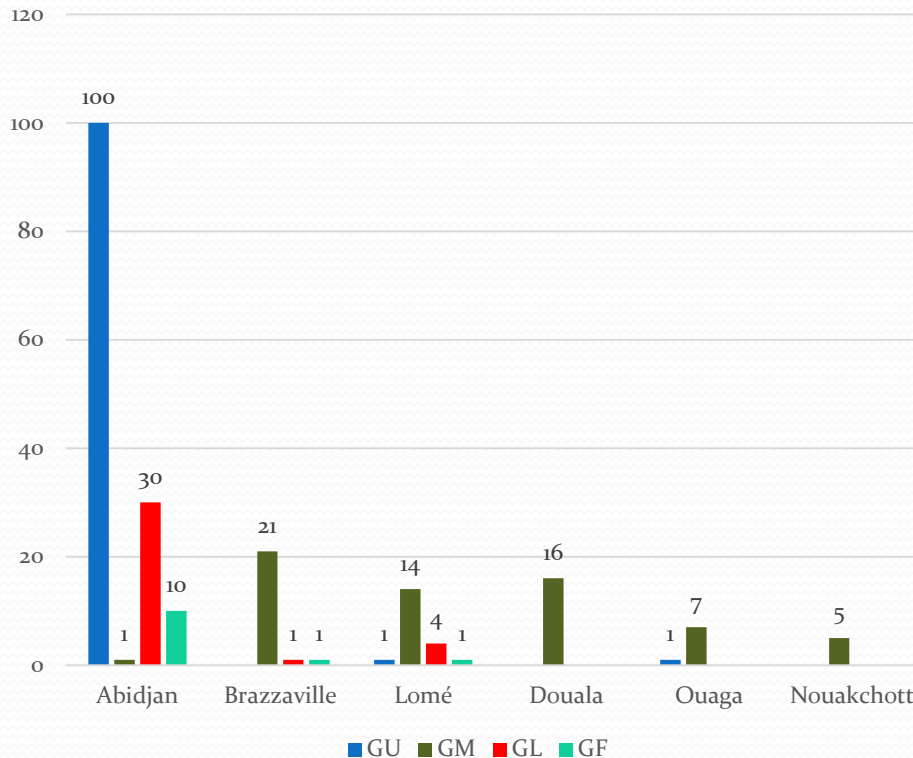


# 8. Missing FPL at DOUALA from FA



# 4. Missing FPL from the indicators G area AFI

Number of missing FPL at ASECNA centre from G region  
Jan - Nov 2017



Brazzaville :

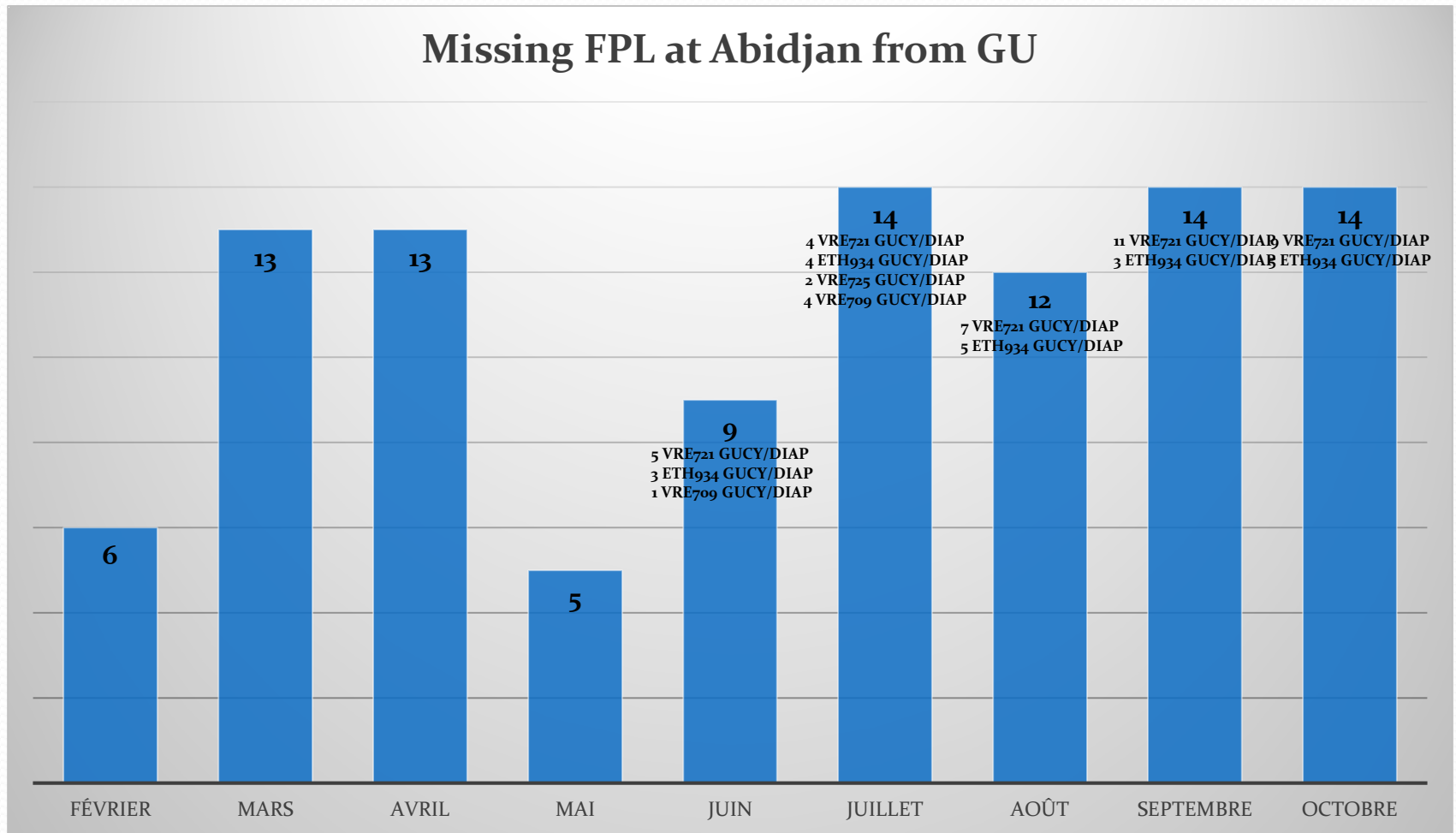
- Majority of these FPL are for overflight from GMMM;

Abidjan:

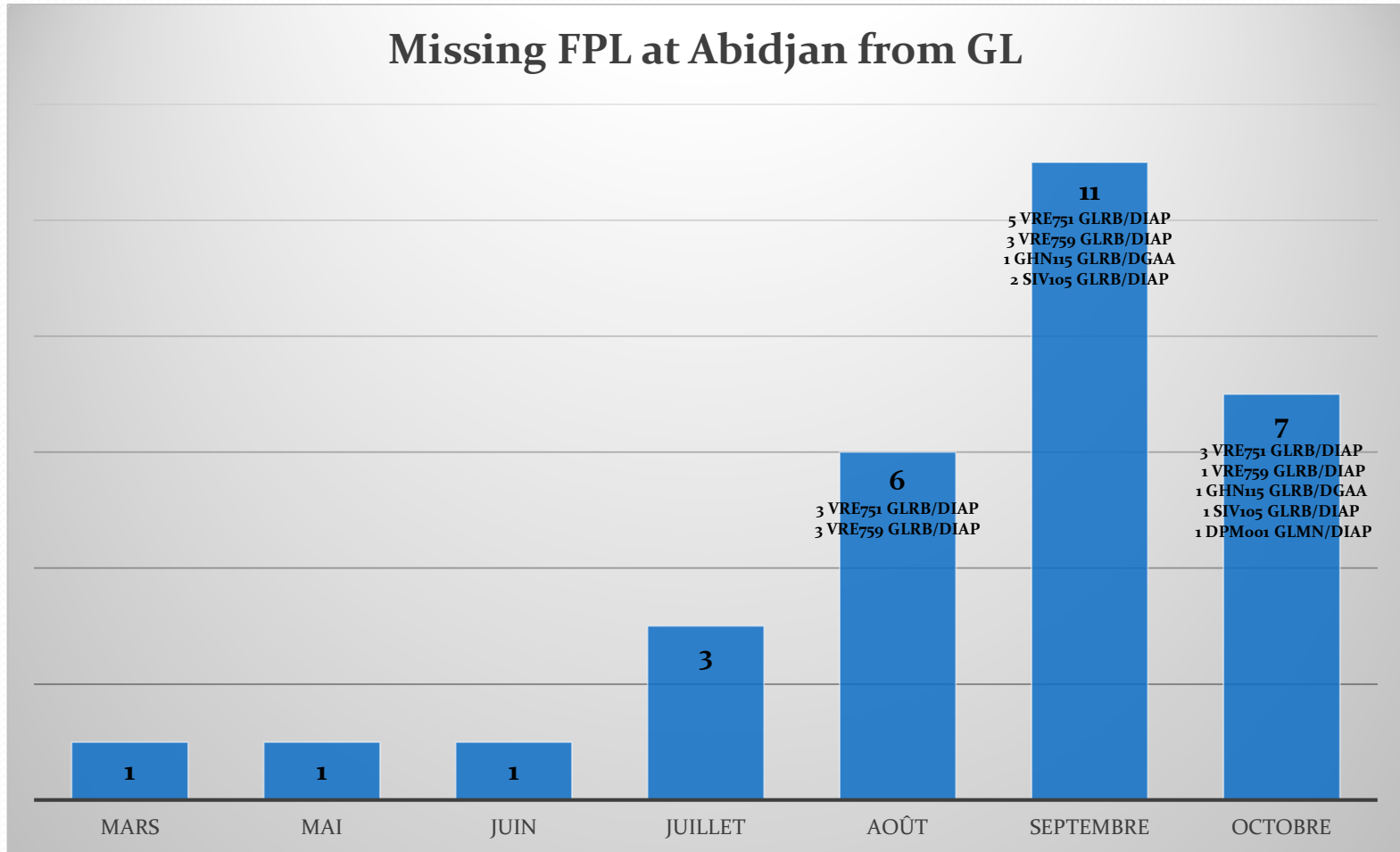
- Majority of these FPL are for overflight from GUCY and GLRB

Details are in the next slides

# 8. Missing FPL at ABIDJAN from GU

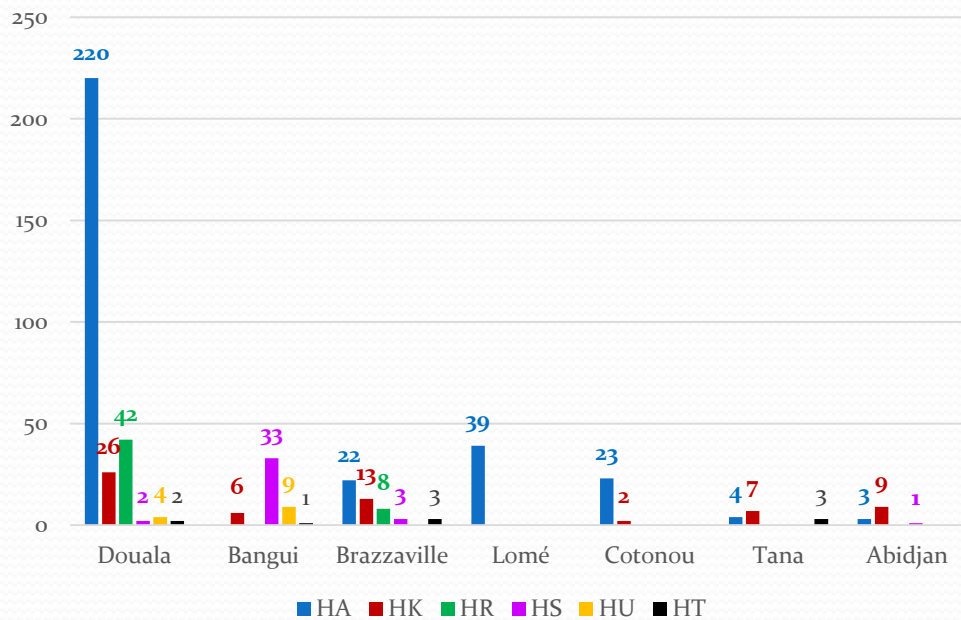


# 8. Missing FPL at ABIDJAN from GL



# 4. Missing FPL from the indicators H area AFI

Number of missing FPL at ASECNA centre from H region  
Jan - Nov 2017



Douala :

- All FPL relate to overflight from HAAB, HKJK and HRYS;

Lomé:

- Majority of these FPL are for overflight and some are flights on arrival from HAAB;

Bangui:

- Majority are ONU flights from HSNN, HSSJ, HSSS and HSPN;

Cotonou:

- All these FPL are flights on arrival from HAAB

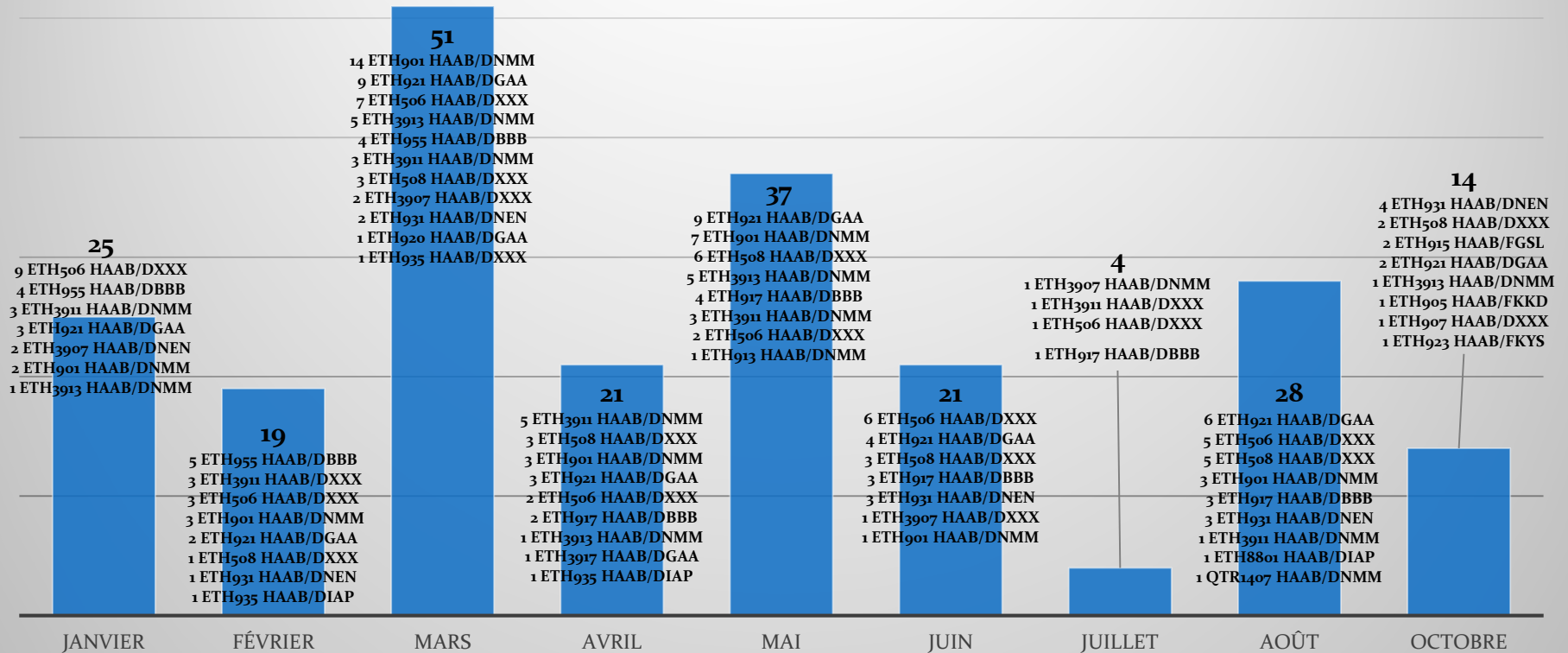
Brazzaville:

- All these FPL are for overflight from HAAB;

Details are in the next slides

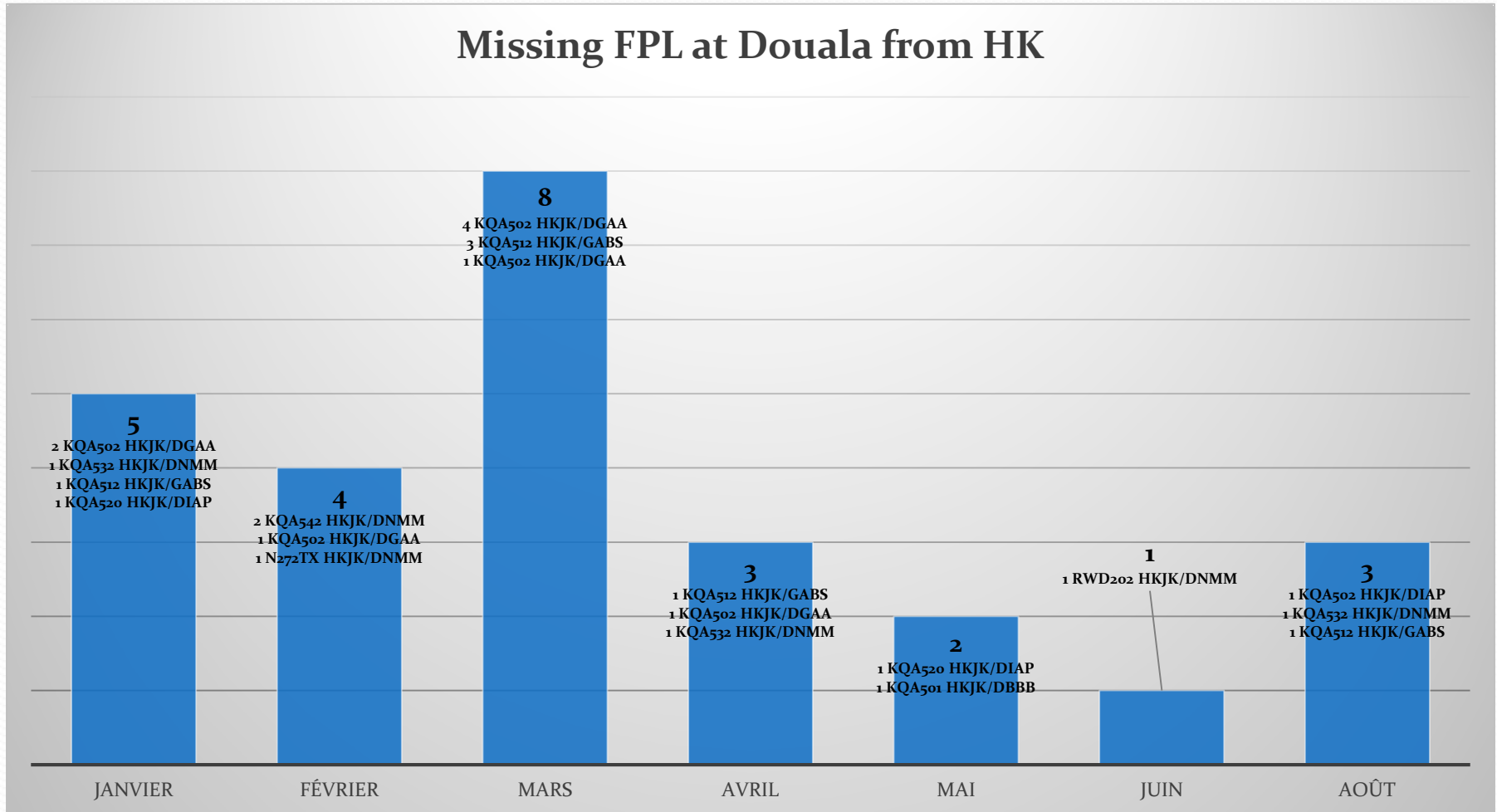
# 8. Missing FPL at DOUALA from HA

## Missing FPL at Douala from HA



# 8. Missing FPL at DOUALA from HK

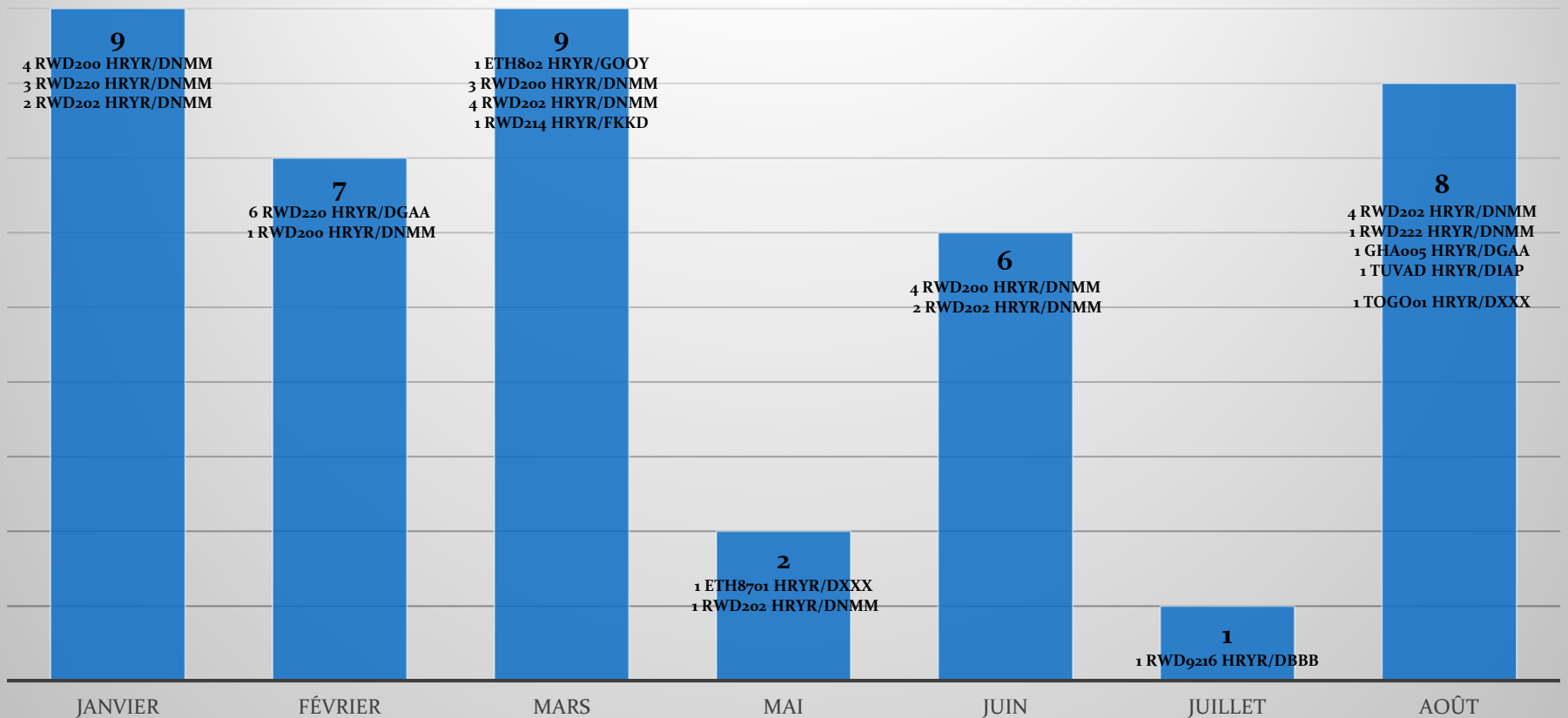
## Missing FPL at Douala from HK





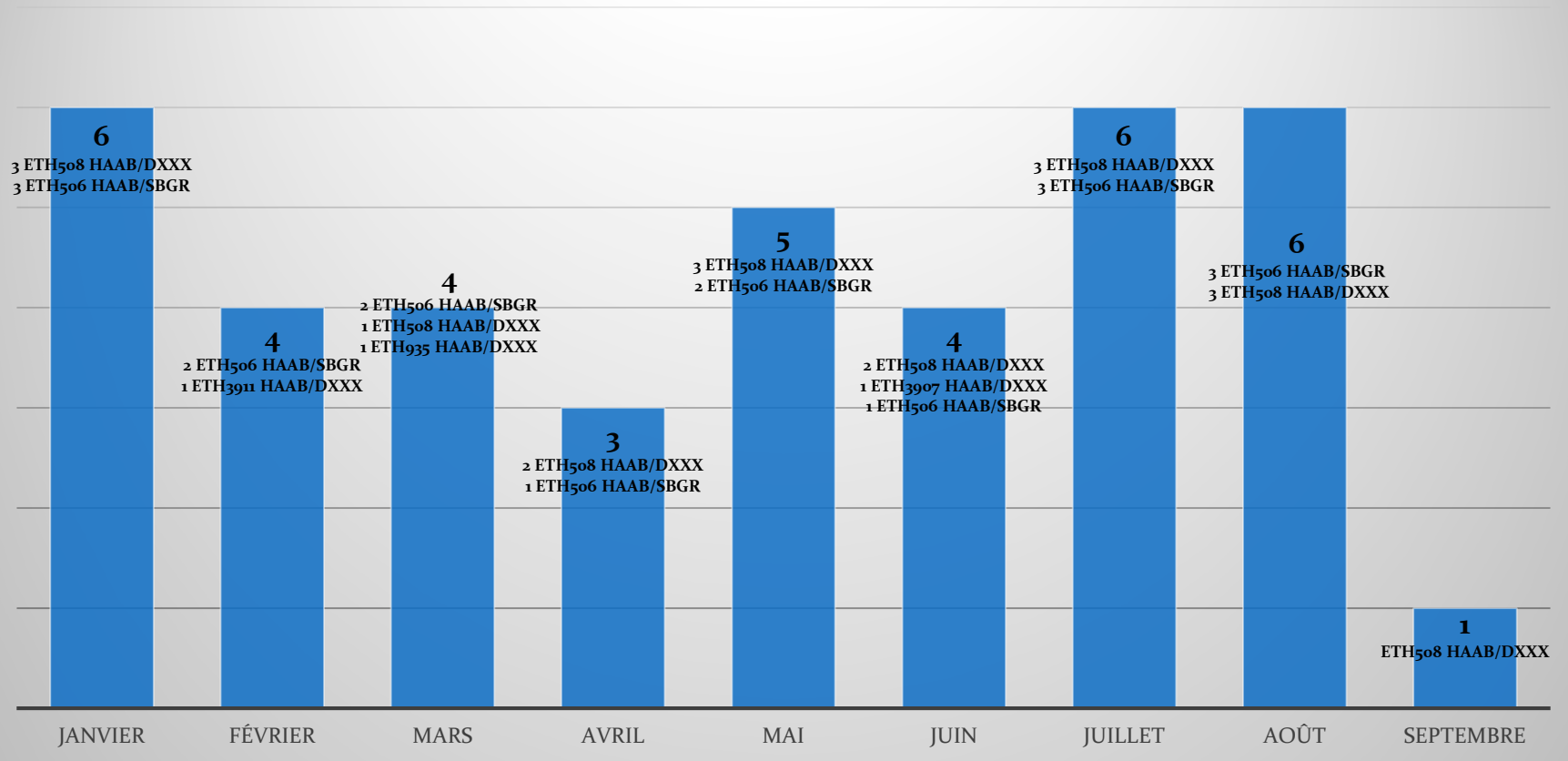
# 8. Missing FPL at DOUALA from HR

Missing FPL at Douala from HR



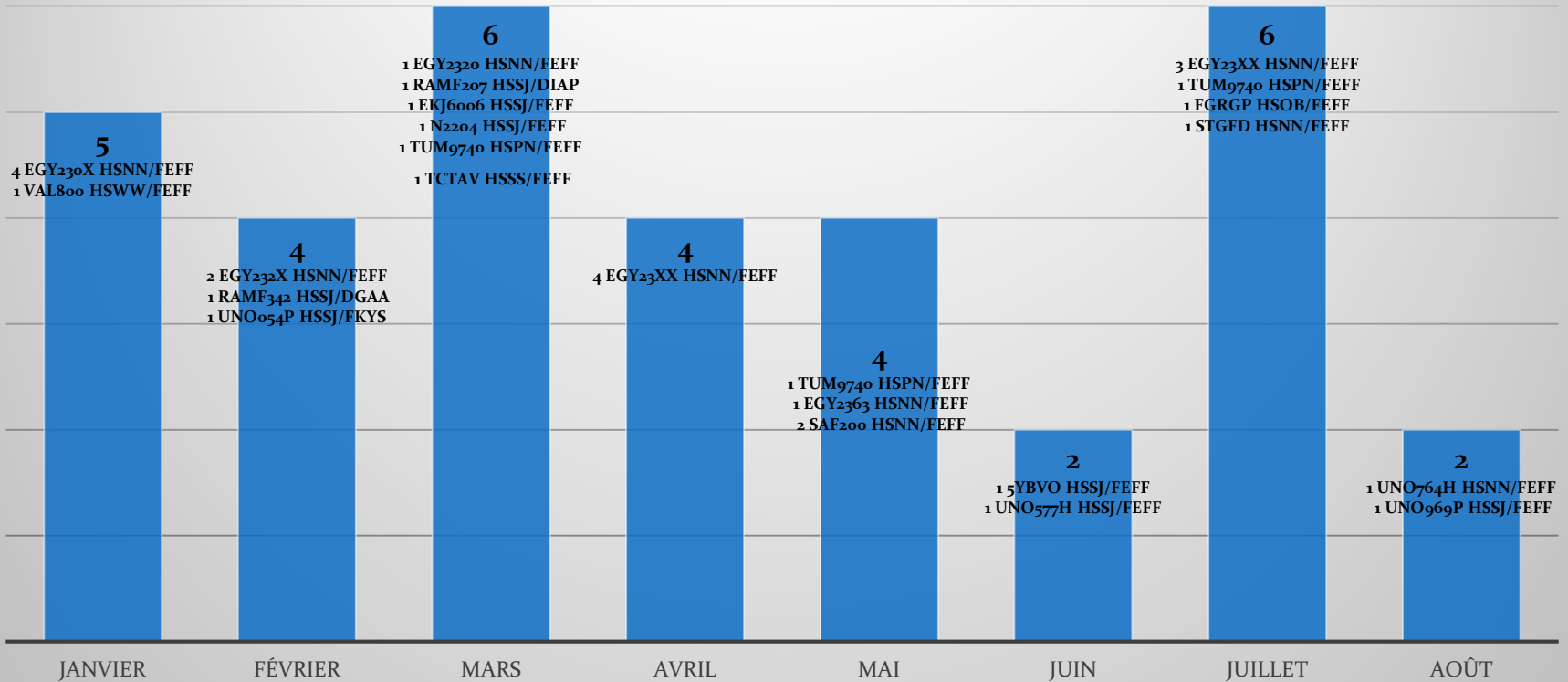
# 8. Missing FPL at LOME from HA

## Missing FPL at Lomé from HA

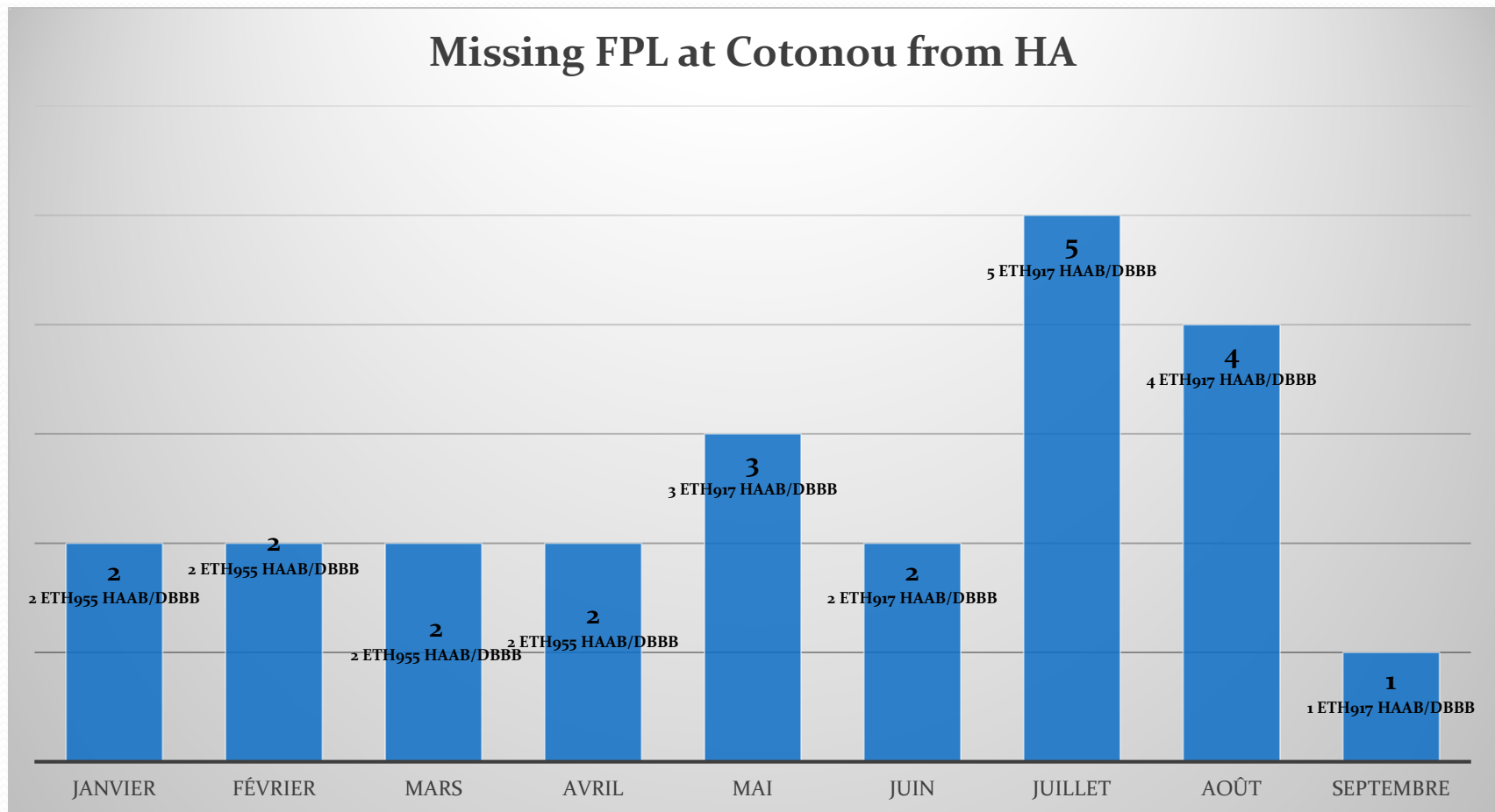


# 8. Missing FPL at BANGUI from HS

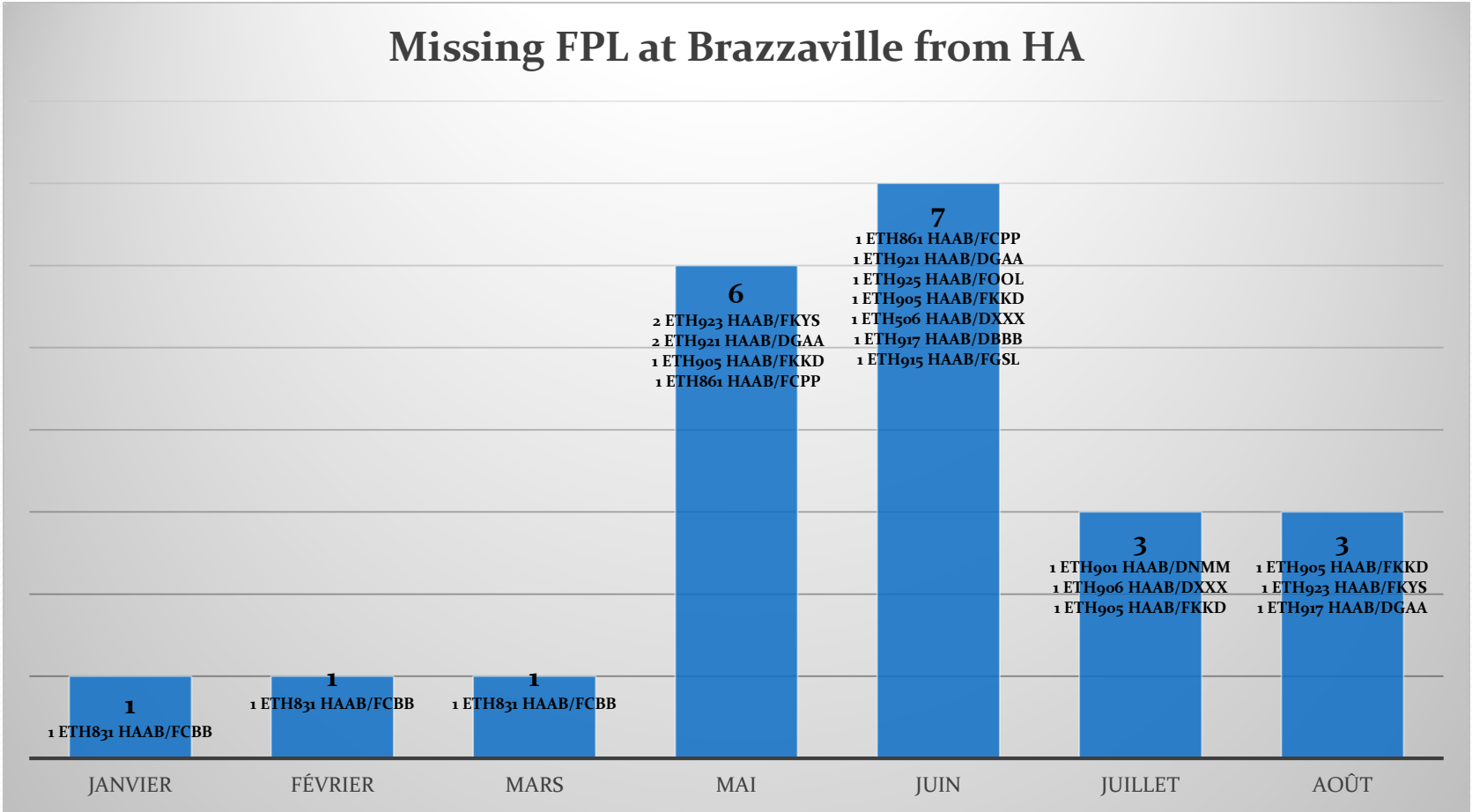
Missing FPL at Bangui from HS



# 8. Missing FPL at COTONOU from HA



# 8. Missing FPL at BRAZZAVILLE from HA



# 13. Comments

- Majority of missing FPL not received at ASECNA centers listed in figure above concern the overflight;
- UTA of Lomé (DXXXZQZX) and APP (DBBBZRZX) of Cotonou are missed on the list of recipient of the FPL concerning the overflight of ACCRA FIR;
- UTA of Douala (FKKKZQZX) and UTA of Libreville (FOOOZQZX) are omitted on the of recipient of the FPL concerning the overflight of BRAZZAVILLE FIR ;
- Same remark for UTA of Abidjan (DIIIZQZX) in DAKAR FIR and UTA of Ouagadougou in NIAMEY FIR;

# 14. Main causes

- Omission of AFTN addresses of certain organism in charge of air traffic control;
- Ignorance of management of air space for certain FIR stirring the bad application of routing procedures;
- Technical failure;
- delayed restart of defective AFTN circuits due to the absence of focal point for coordination.

# 15. Corrective measures

- Exchanges of data on missing flight plans between different centers concerned in accordance with the conclusion 17/42 of the 17th APIRG;
- Establish a mean of coordination to investigate punctually and systematic on the causes of the missing FPL;
- Check and Update regularly the routing table of each center to take into account new AFTN circuits;
- Elaborate a technical contact list per center to allow a quick restart of defective circuits;
- Maintaining awareness local information staff in charge of flight plan to respect the routing procedures of flight plans in accordance with the 18/18 conclusion of the 18th APIRG, using:
  - For UTA of Lomé and Cotonou, we suggest that Accra Centre will create and publish a collective address (PDAI) include the AFTN address of these UTA and those of Accra that centre will use to address the FPL concerning the aircraft overflight this FIR;
  - For UTA of Douala and Libreville, a collective address have already created FCZZZQZX for the Brazzaville FIR and we ask to all center to use for all aircraft overflight on Brazzaville FIR;
  - For UTA of Abidjan use the address collective GOZZZQZX of Dakar FIR;
  - For UTA of Ouagadougou use the address collective DRZZZQZX of Niamey FIR;



# 16.CONCLUSION

The meeting is invited to:

- ❑ note the above information related to the missing FPL;
- ❑ Reinforce co-operation between COM Centers in technical and operational domain to improve the availability of FPL;

# THANK YOU !!!!!

