PARR Dashboards

11th August 2020

PAFA

Gemserv

2A.1 Estimated & Check Reads - Product Classes 1 & 2

Report measures the percentage of each shippers portfolio where estimated reads were provided. Count of each shippers portfolio where check reads were not provided

PC1

Industry movement:
↓ 2.51% - Monthly change
↑ 3.46% - Annual change

Monthly changes:

↑ 2.12% Thimphu	↓ 16.13% Ankara
↑ 1.48% Rome	↓ 14.37% Valletta
↑ 0% Washington	↓ 7.56% Monaco

PC2

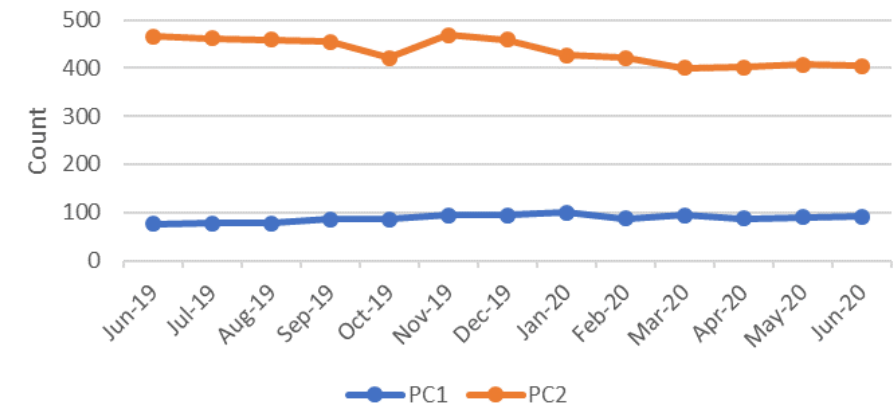**Industry movement:**
↑ 0.79% Monthly change
↓ 2.19% Annual change

Monthly changes:

|	
↑ 14.86% Papeete	↓ 11.67% Athens
↑ 6.29% Reykjavík	↓ 5.90% Thimphu
↑ 6.10% Brazzaville	↓ 3.33% Luanda

Observations:

- Slight improvement in the use of estimated reads in PC1 for June, returning to level seen in February'20

- The number of uncompleted check reads has stabilised for both PC1 and PC2

2A.1 Percentage of Estimated Reads for PC1 & PC2

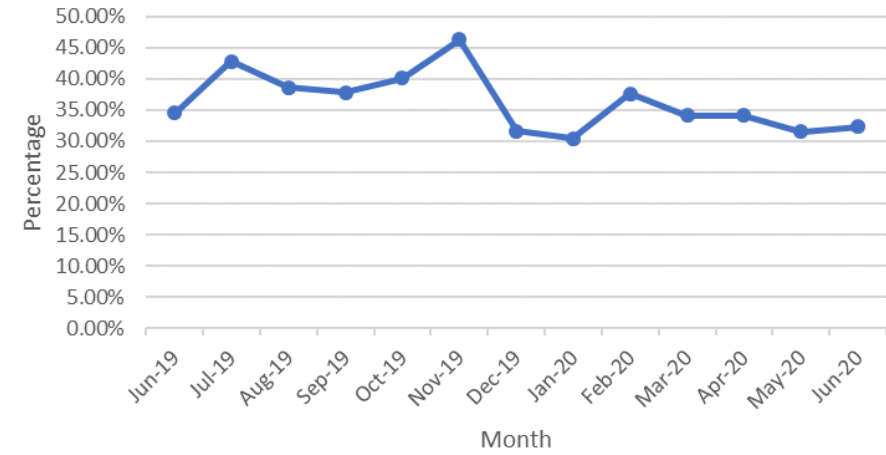2A.1 Count of Check Reads not completed for PC1 and PC2

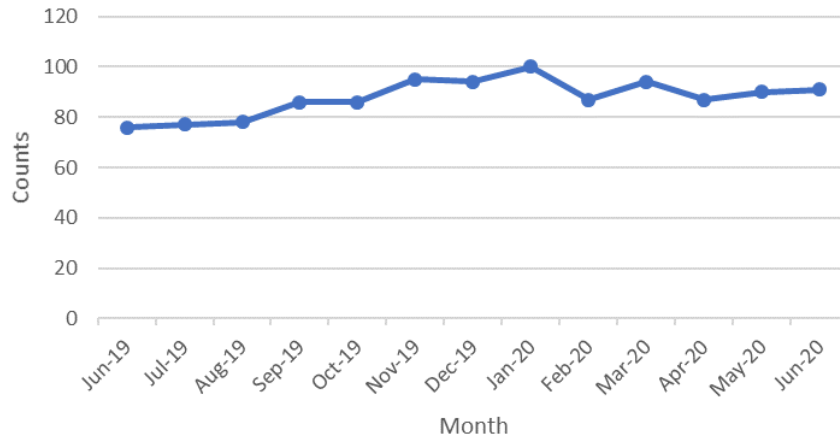# 2A.1 Estimated & Check Reads - Product Classes 1 & 2
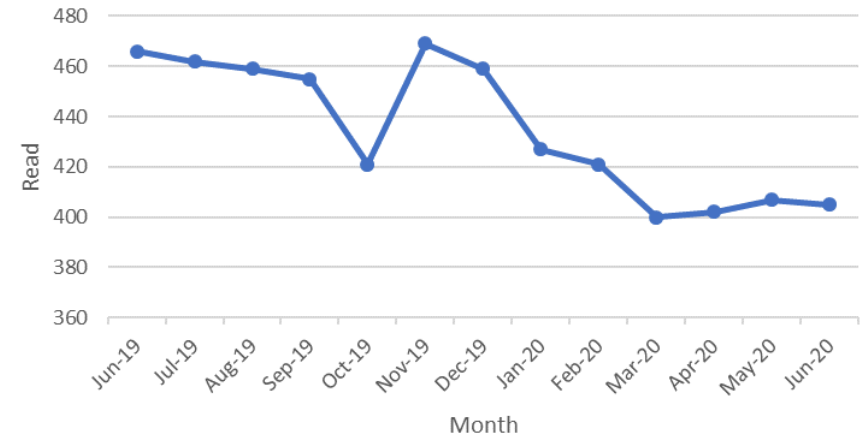

2A.1 PC1 Estimated Read Totals
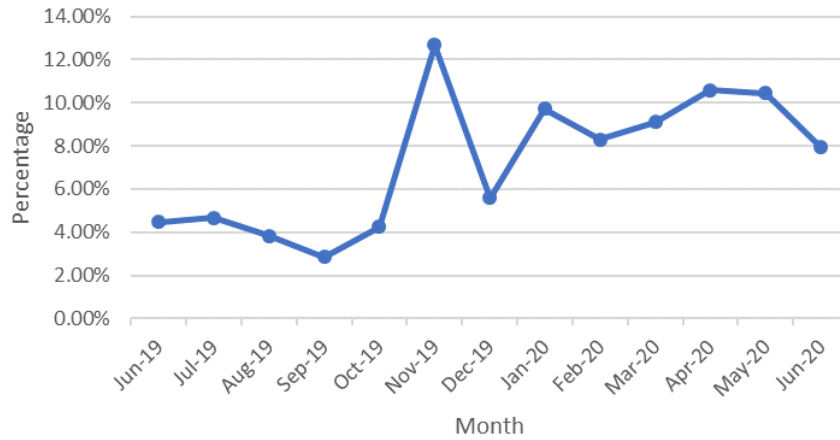
2A.1 PC2 Estimated Read Totals
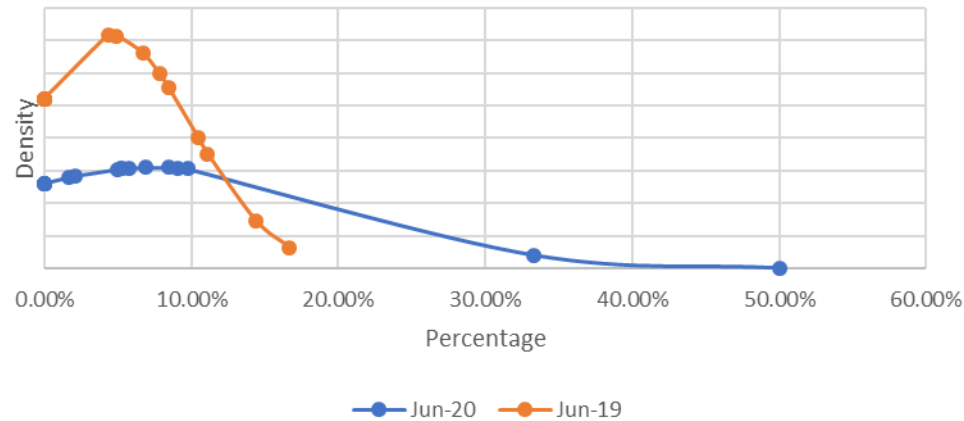

2A.1 PC1 Check Reads Total
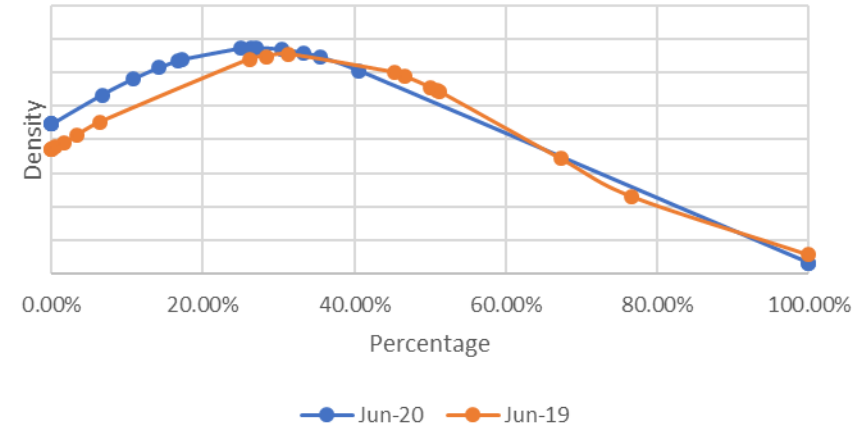

2A.1 PC2 Check Read Totals

2A.1 Estimated & Check Reads - Product Classes 1 & 2

2A.1- 12 Month comparison (Average of PC1 Estimated Reads)

2A.1- 12 month comparison (Average of PC2 Estimated Reads)

2A.2 – No Meter Recorded

Report measures the percentage of each shippers portfolio where no meter recorded in the supply point register

PC1
0% for all shippers

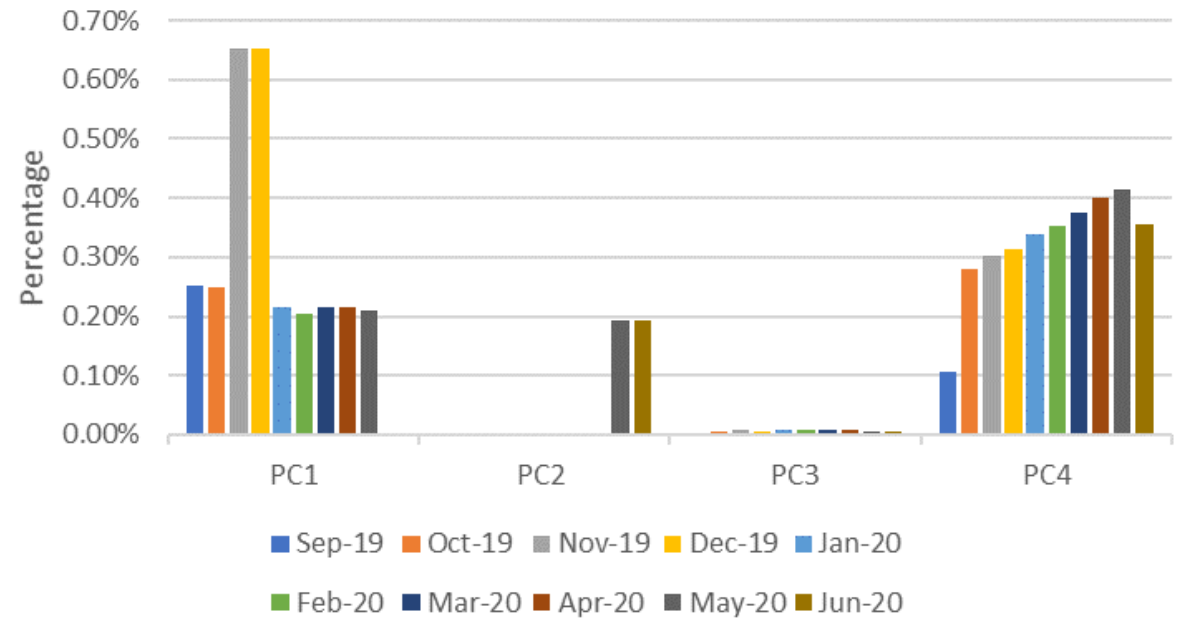## PC2
Highest shippers:
Tiraspol 25%

PC3
Highest shippers:
Praia 0.51%
Roseau 0.18%

PC4
Highest shippers:
Oranjestad 2.55%
Valletta 1.90%
Bratislava 1.33%

2A.2 Percentage of No Meter recorded by Product Class
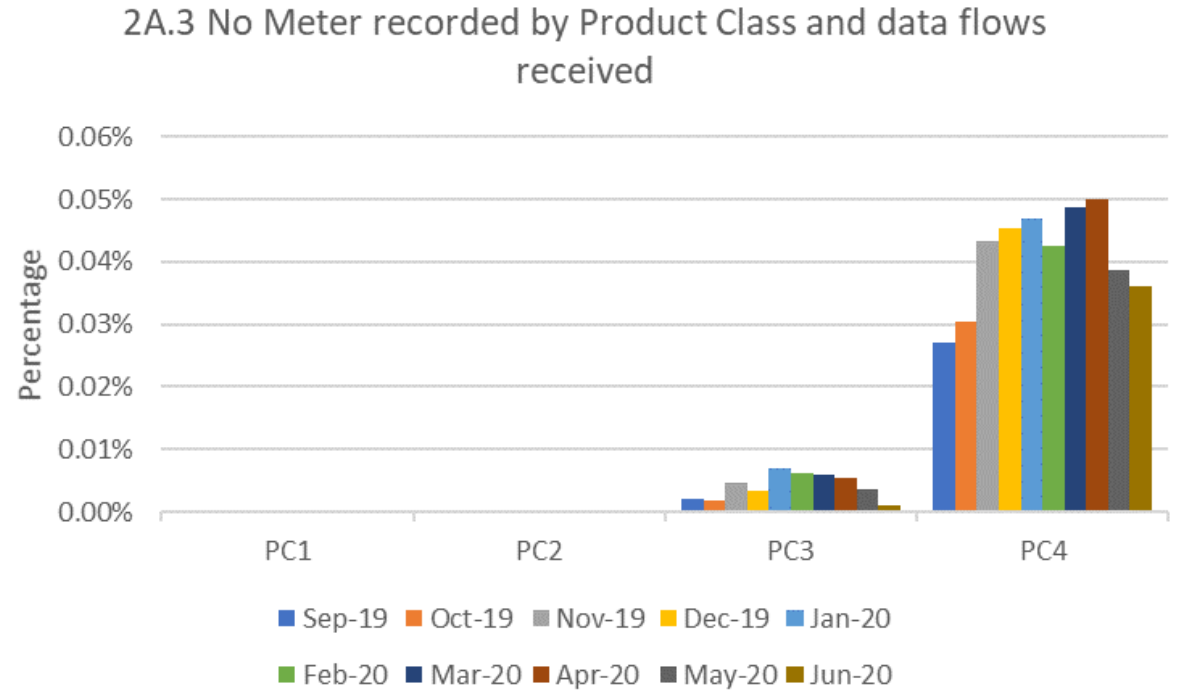
Observations:
- A fall in the number of 'no meters recorded' has been seen in PC4 for first time since October-19
- Levels in PC1 and PC3 have stabilised
- PC2 will be referred to the CAMs, although PAC are mindful that the pandemic may impact performance improvements

2A.3 No Meter Recorded and data flows received

Report measures the percentage of each shippers portfolio where no meter recorded in the supply point register and data flows received

PC1 & PC2

0% for both product classes

PC3

Highest shippers:
Roseau 0.18%
Praia 0.13%

PC4

Highest shippers:
Oranjestad 0.24%
Praia 0.24%
Roseau 0.44%
Saipan 0.31%

2A.3 No Meter recorded by Product Class and data flows received

Observations:
- Further falls in were seen in PC4, bringing the level of sites with no meters attached but data flows being received down towards the lows last seen in October'19
- PAC will ask the CAMs to maintain focus in this area, although are mindful that during the pandemic site visits may be more difficult

2A.4- Shipper Transfer Read Performance

Report measures the percentage of Shipper portfolio of opening meters reads provided following confirmation
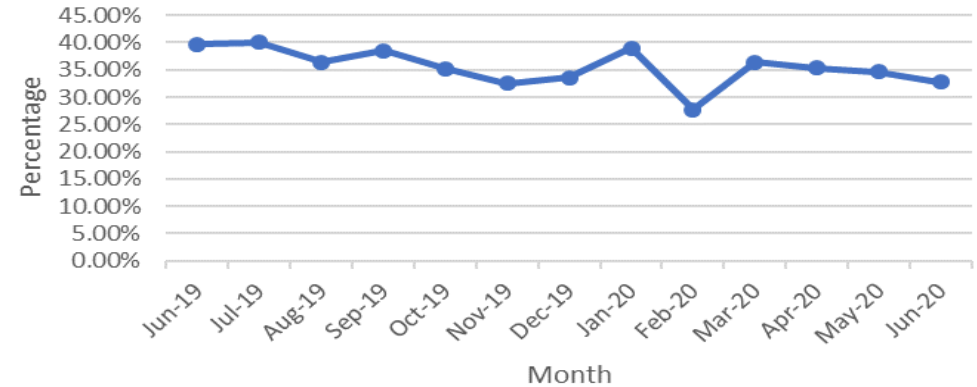
Industry movement:
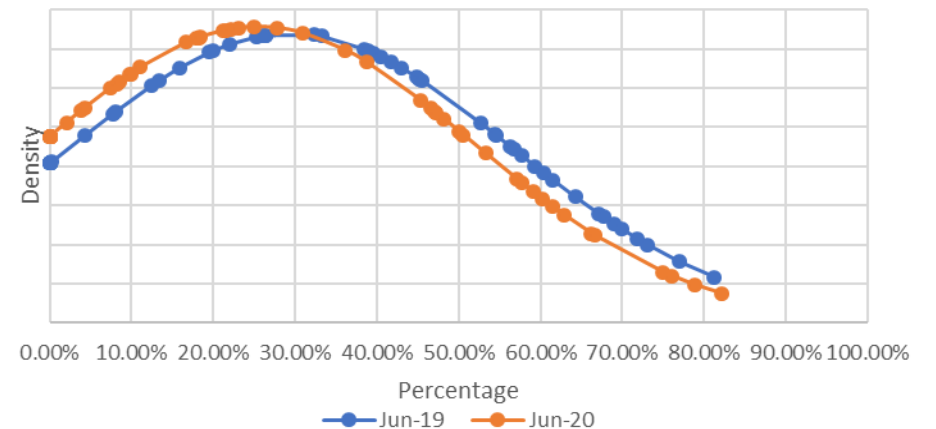↑ 4.22% Monthly change
↓ 6.06% Annual change

Monthly changes:

↑ 49.42% Saipan	↓ 19.17% Dili
↑ 27.70% Kinshasa	↓ 14.61% Lisbon
↑ 20.07% Riyadh	↓ 11.58% Doha

Observations:

- The number of transfer reads being submitted within the relevant window are still well below the requirements of the UNC

Recommendations:

- Continued industry education on obligation to provide opening meter readings following confirmation

- Continue to ask CAMs to maintain focus on this area when speaking to Shippers

- PAC will continue to monitor but will be considering focused Shipper targeting in the coming months

2A.4 Percentage of opening meter reads provided by industry total

2A.4- 12 Month Comparison of Shipper Transfer Read Performance
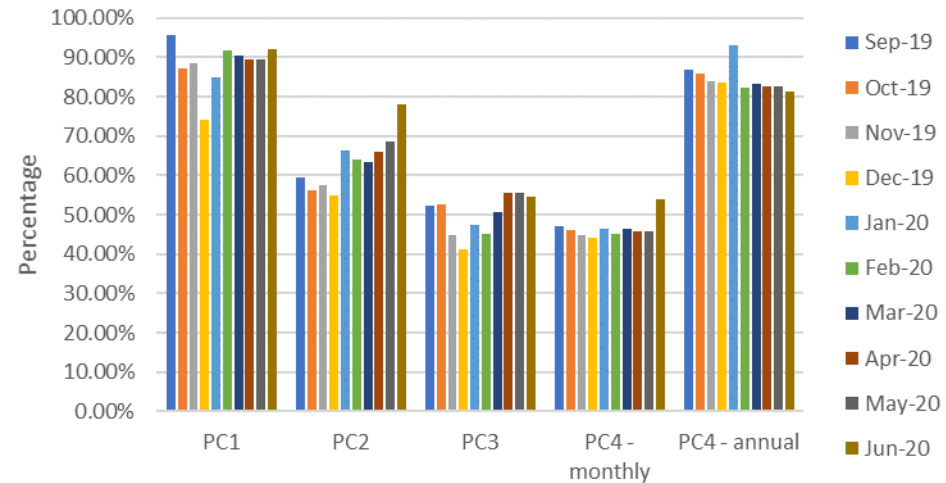
2A.5- Read Performance

Report measures the percentage of Shipper portfolio submitting reads in April 2020.

PC4 Monthly and Annually read measures the percentage of Shipper portfolio submitting reads in March 2020.

2A.5 Percentage of Product Class read submissions
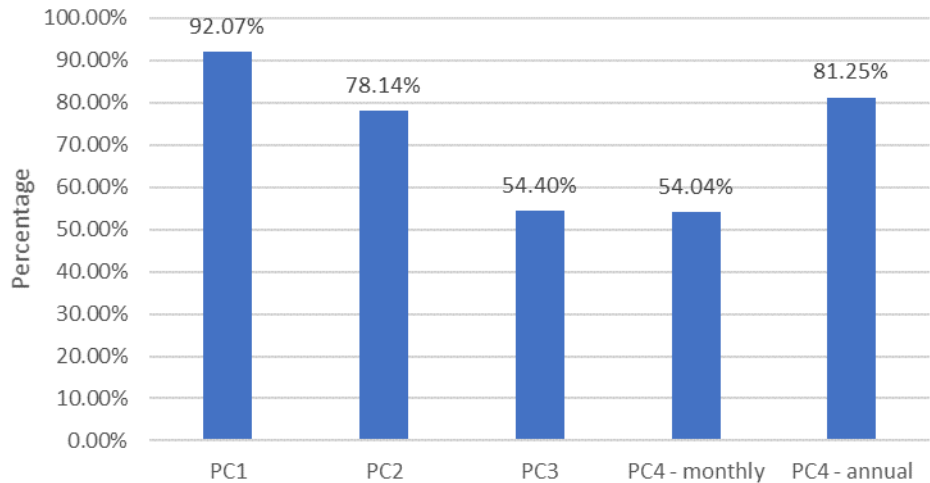
2A.5 Percentage of Product Class read submissions

PC1
50.00% Valletta
66.67% Washington
90.19% Papeete

PC2
59.38% Reykjavík
64.44% Washington
66.67% Athens

PC3
0% Tripoli
0% Luxembourg
0% Wellington
0% Oranjestad
0% Castries
0% Philipsburg

PC4 (Monthly)
10.34% Kinshasa
12.50% Luxembourg
15.17% Hamilton

PC4 (Annual)
0.36% Bratislava
33.33% Suva
25.00% Monrovia

Observations:

- Improvements seen in read performance in all classes except PC4 annual
- PC2 read performance is seeing the most significant change, with an approximately 10% improvement in June'20
- PC4 monthly read remains the poorest performing class, PAC have begun to take performance assurance action in this area
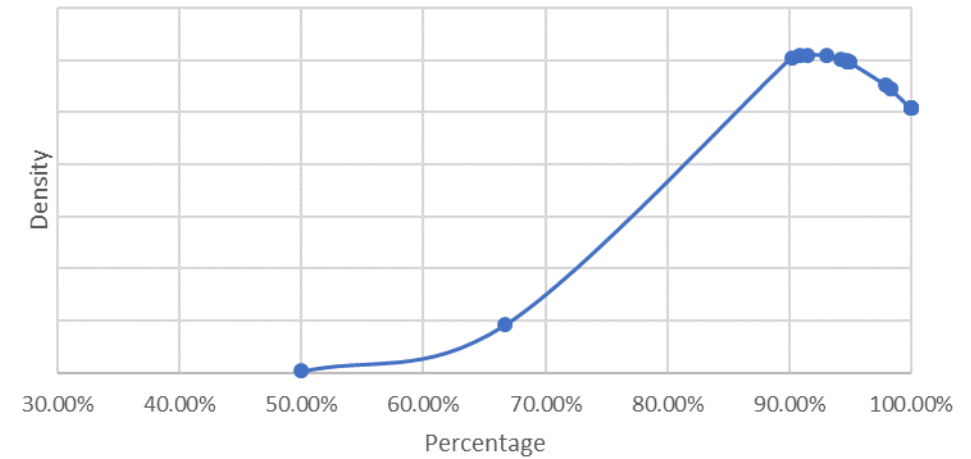
2A.5- Read Performance (PC1)

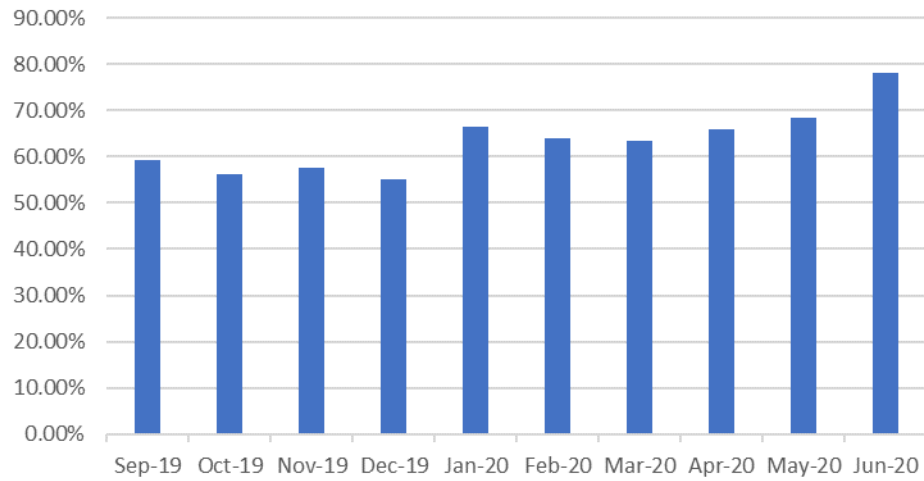Read Performance - PC1
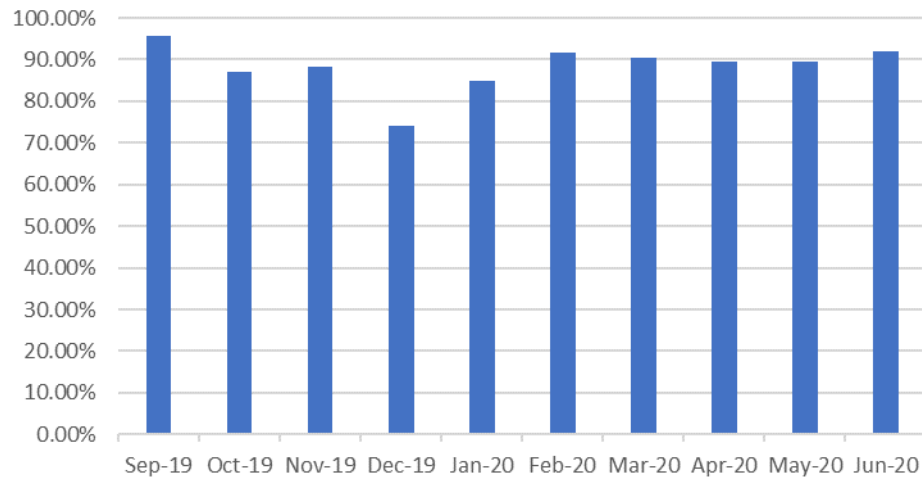
2A.5 Distribution of percentage of PC1 sites providing meter reads
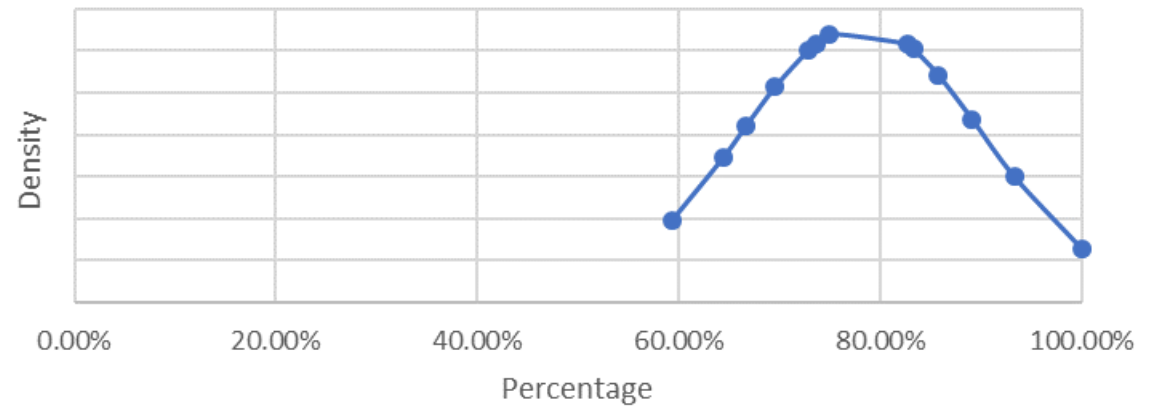
2A.5- Read Performance (PC2)
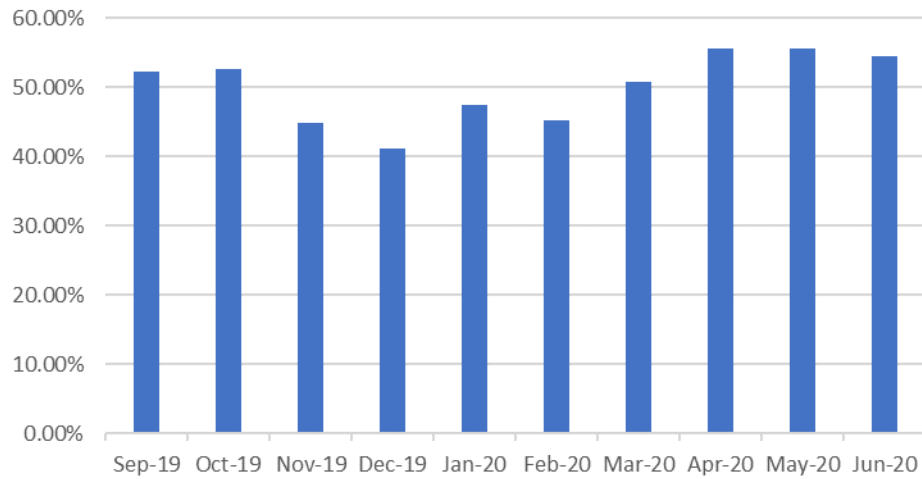

Read Performance - PC2

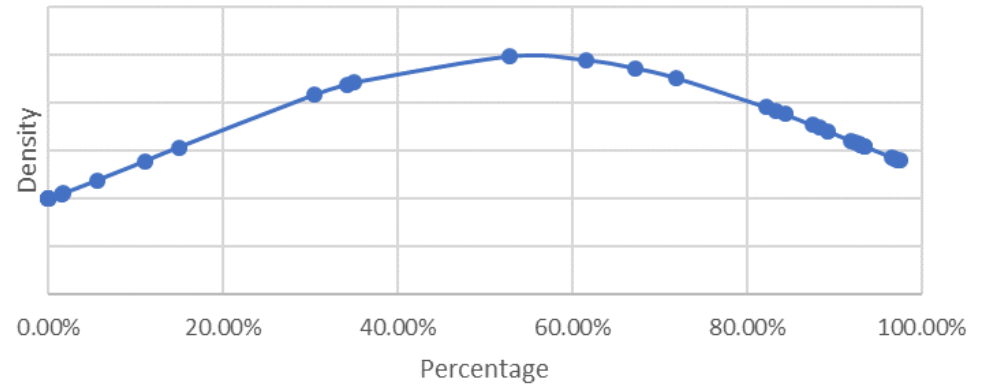2A.5 Distribution of percentage of PC2 sites providing meter reads

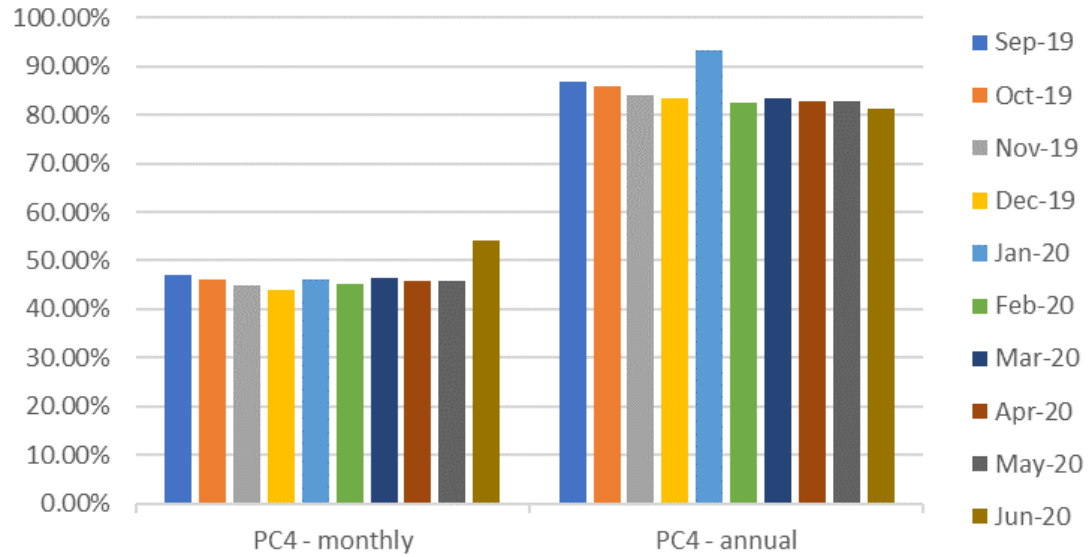# 2A.5- Read Performance (PC3)

Read Performance - PC3

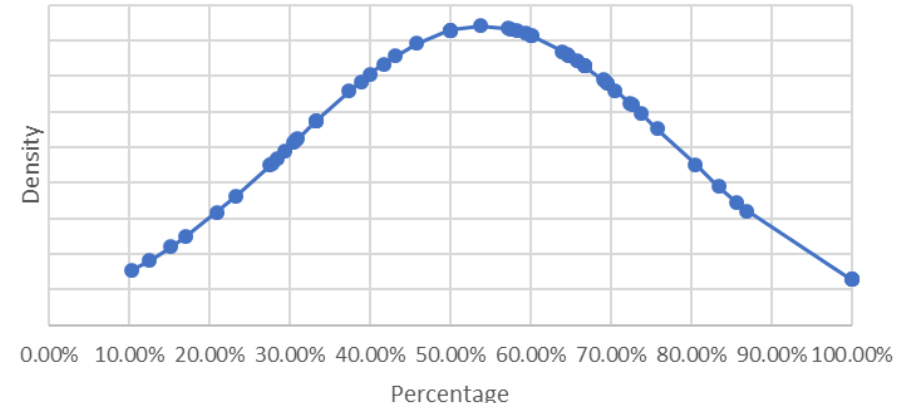2A.5 Distribution of percentage of PC3 sites providing meter reads
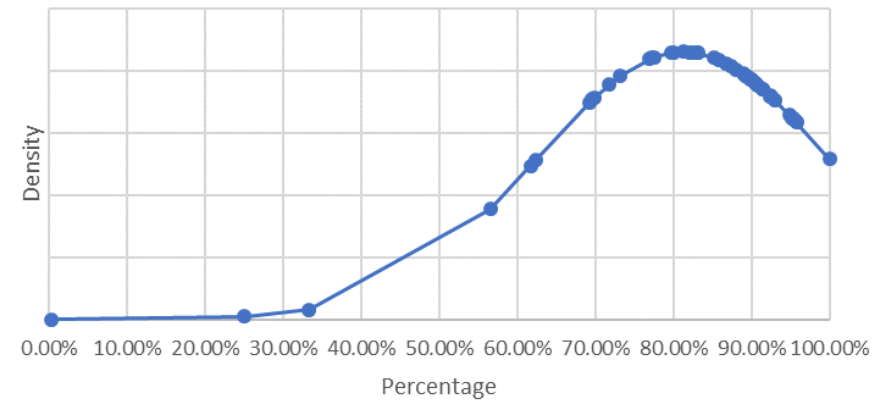
2A.5- Read Performance (PC4)

Read Performance - PC4

Legend:
- Sep-19
- Oct-19
- Nov-19
- Dec-19
- Jan-20
- Feb-20
- Mar-20
- Apr-20
- May-20
- Jun-20

2A.5 Distribution of percentage of PC4 Monthly sites providing meter reads

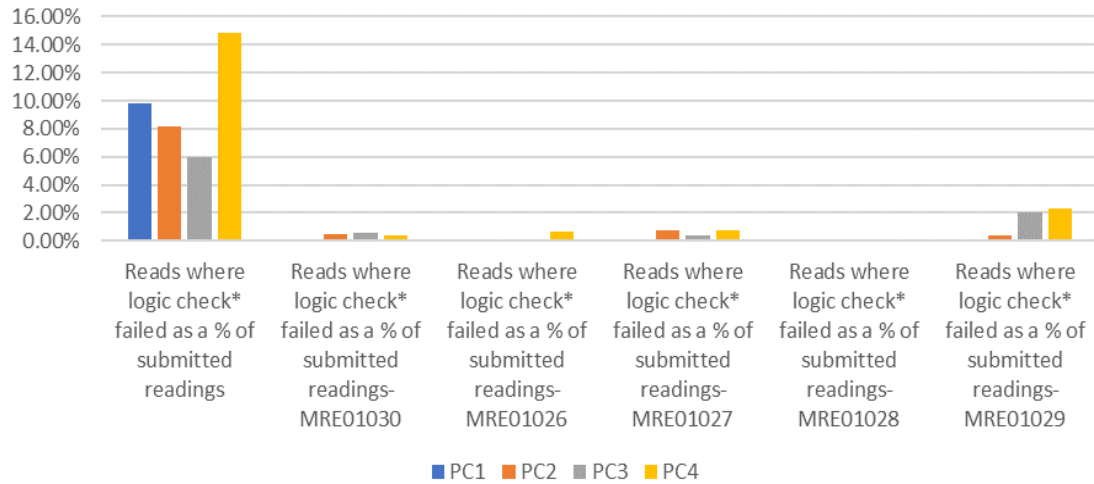2A.5 Distribution of percentage of PC4 Annual sites providing meter reads

2A.6 Meter Read Validity Monitoring

Report measures the percentage of Shipper portfolio where reads submitt failed validation.

2A.6 Percentage of meter read validity by Product Class - June 2020


| Product Class	Reads where logic check failed as a % of submitted readings	MRE01030	MRE01026	MRE01027	MRE01028	MRE01029
1	Valletta – 37.87%					
2	Philipsburg – 19.20%	Thimphu – 2.83%	Papeete– 0.84%	Athens – 5.41%		Athens– 2.70%
3	Manama – 59.22%	Monaco – 14.91%	Roseau – 0.41%	Saipan – 6.67%		Monaco – 46.58%
4	Thimphu – 85.60%	Saipan – 4.54%	Wellington –2.10%	Valletta – 6.32%		Bissau– 50.00%

2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 1

Report measures the percentage of Shipper portfolio in the specified AQ band without a meter reading for the specified period.
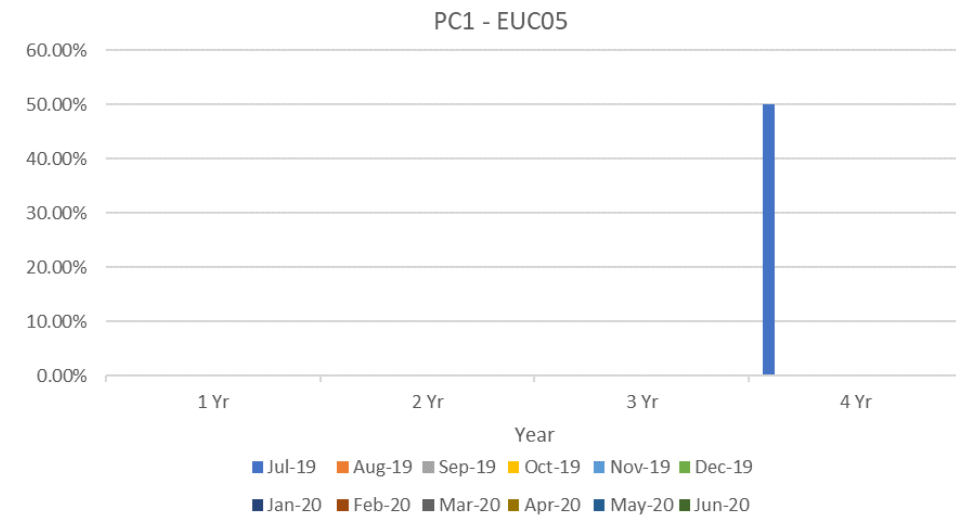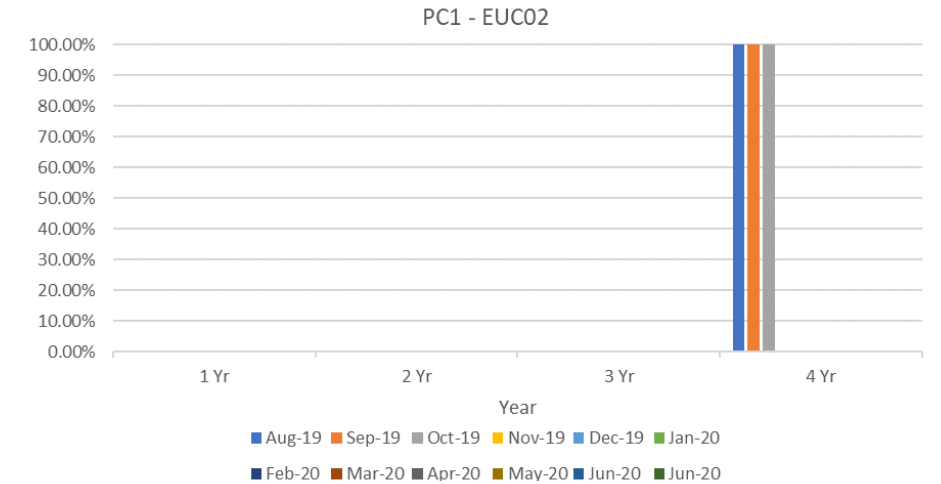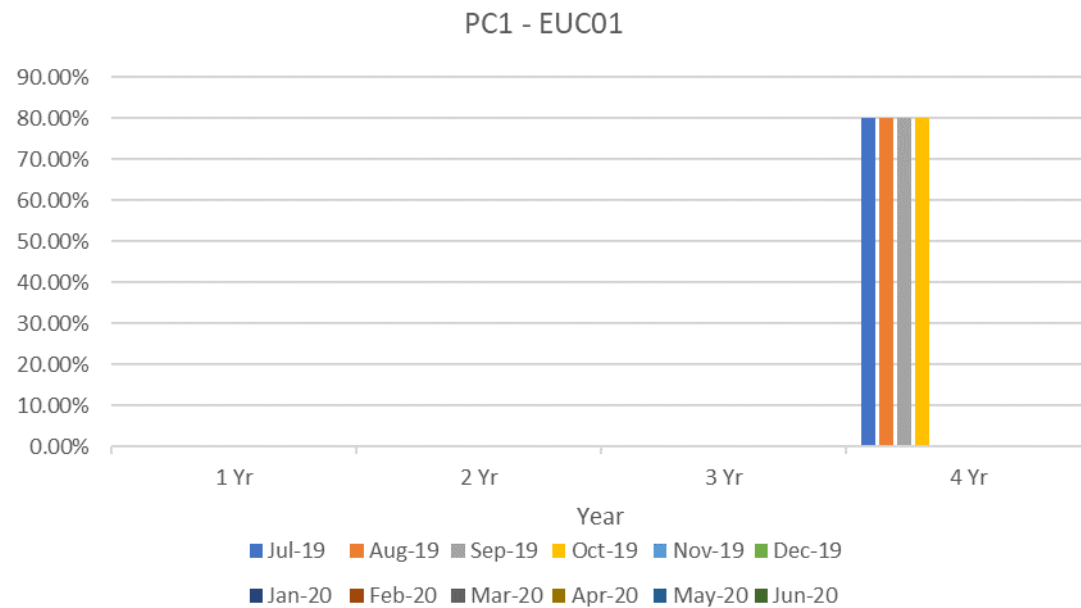
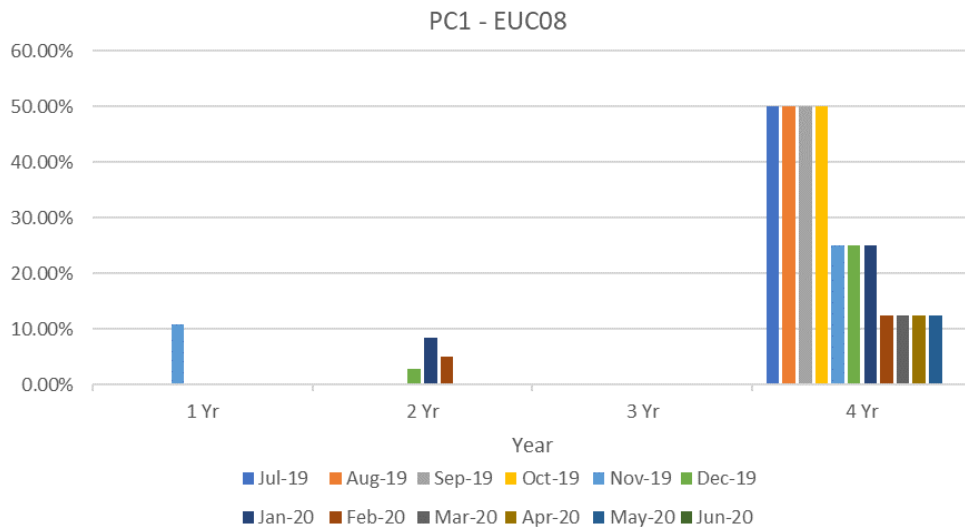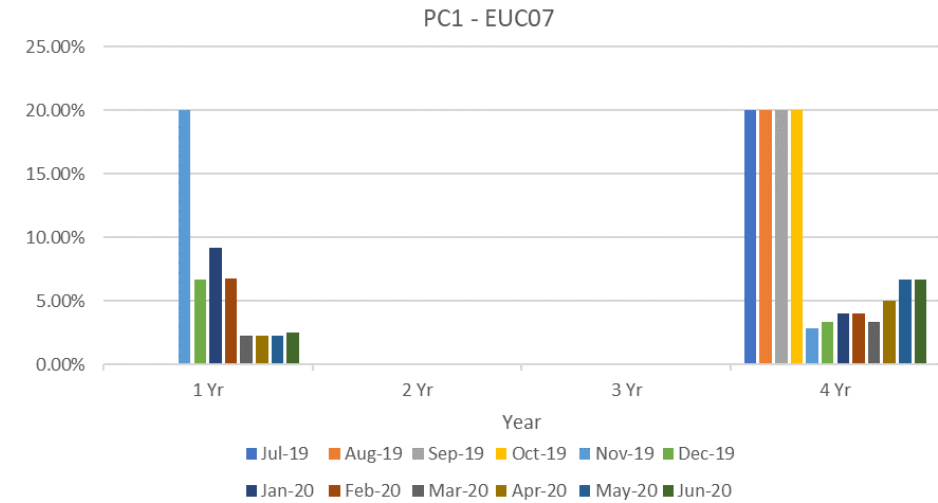# 2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 1

PC2 - EUC02

PC2 - EUC04

PC2 - EUC05
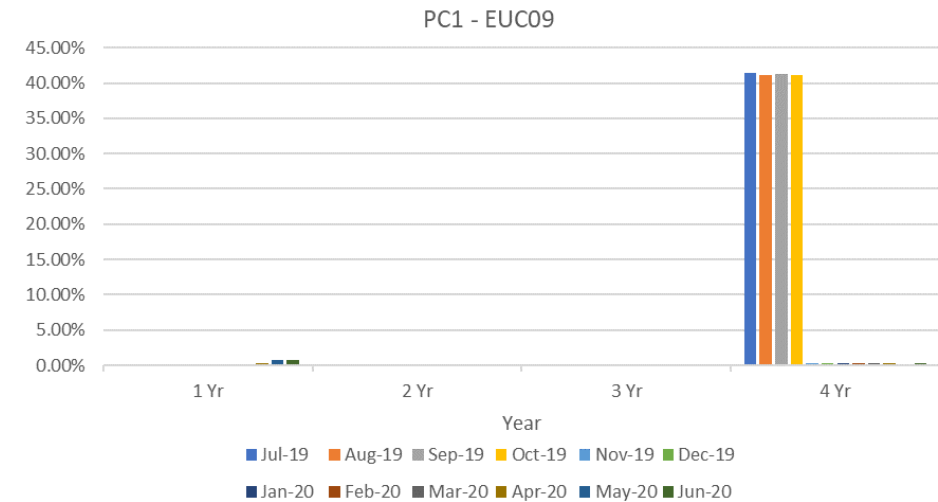
2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 2

2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 3

2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 3

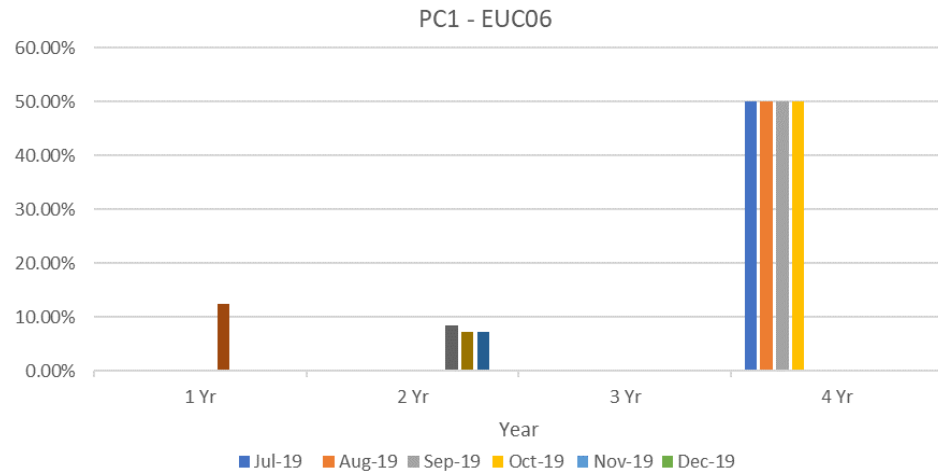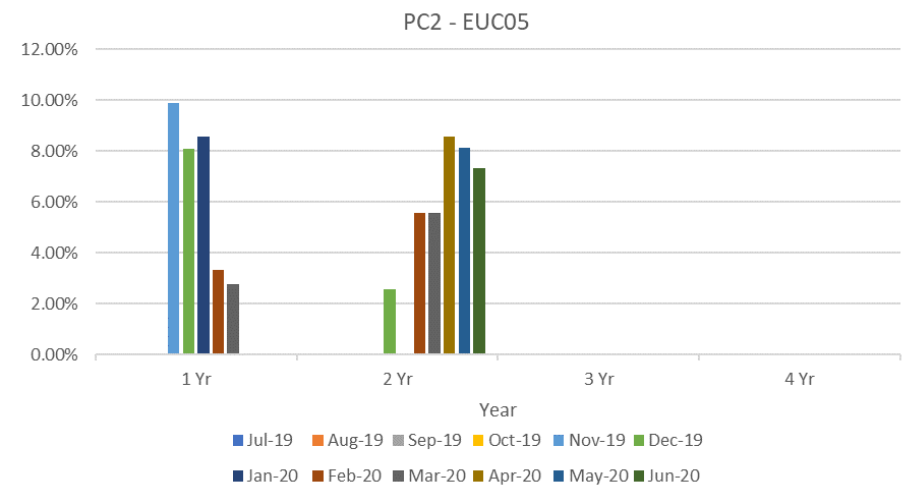# 2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4

PC4 - EUC01

PC4 - EUC02

PC4 - EUC03

2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4

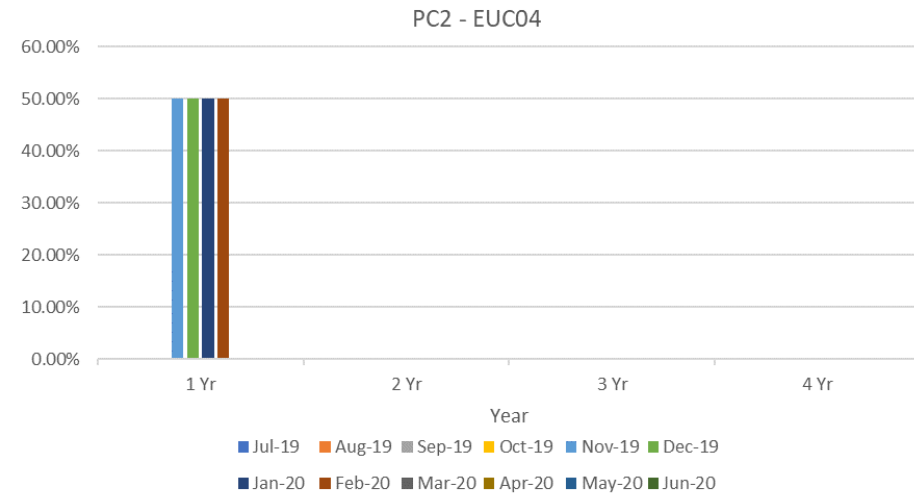

PC4 - EUC04

PC4 - EUC05

PC4 - EUC06

2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4

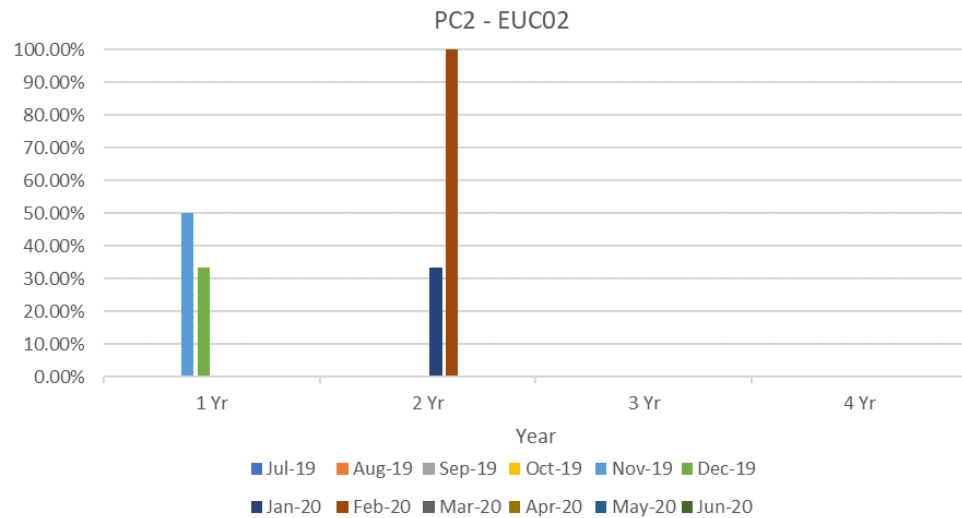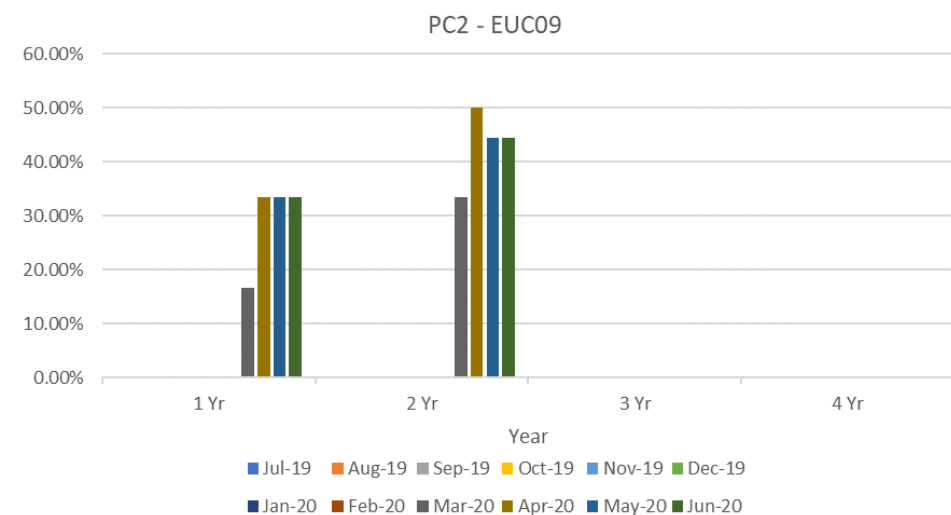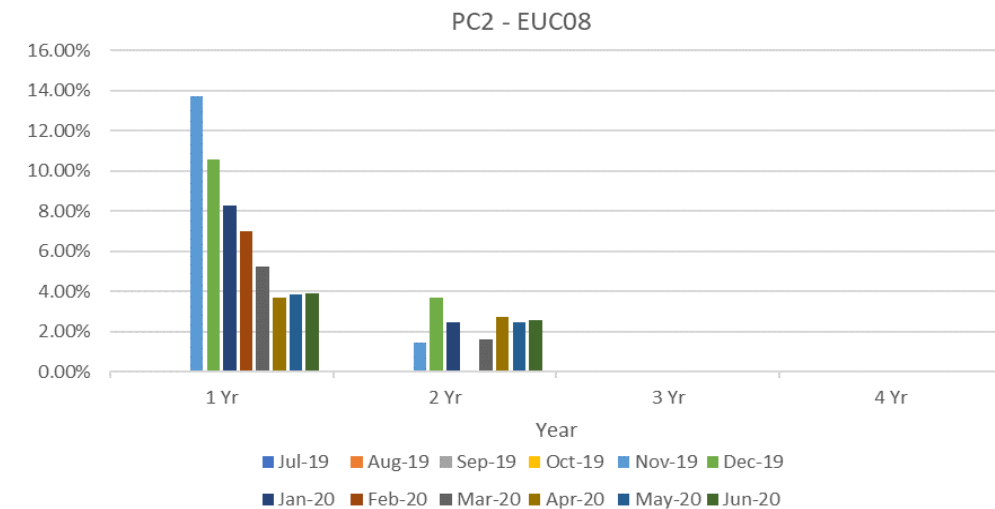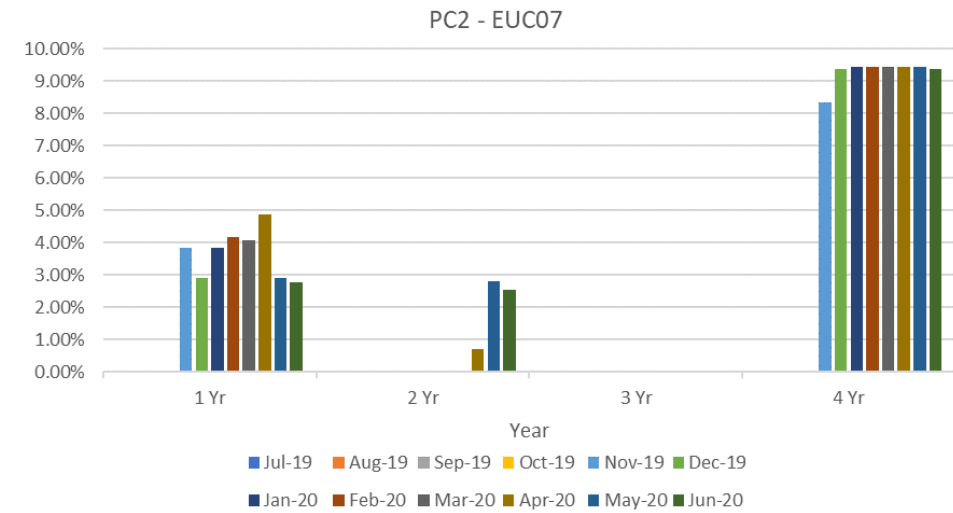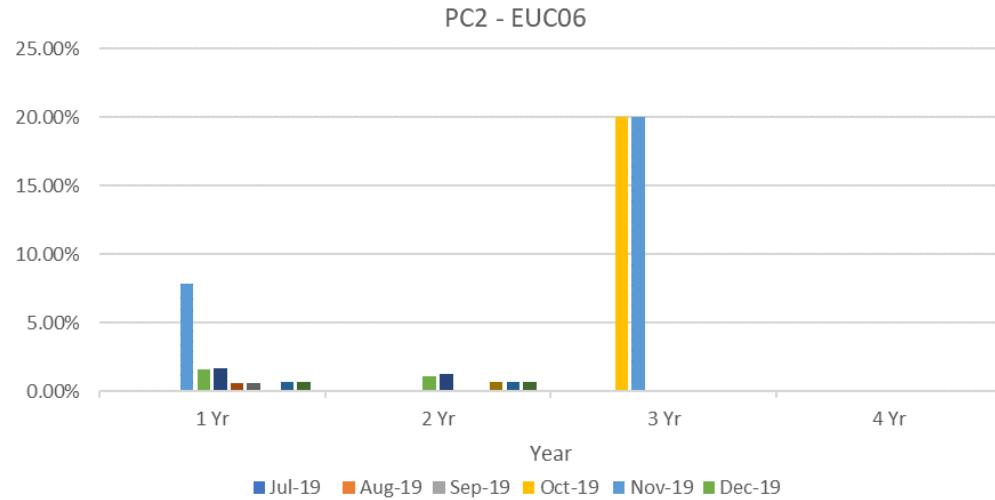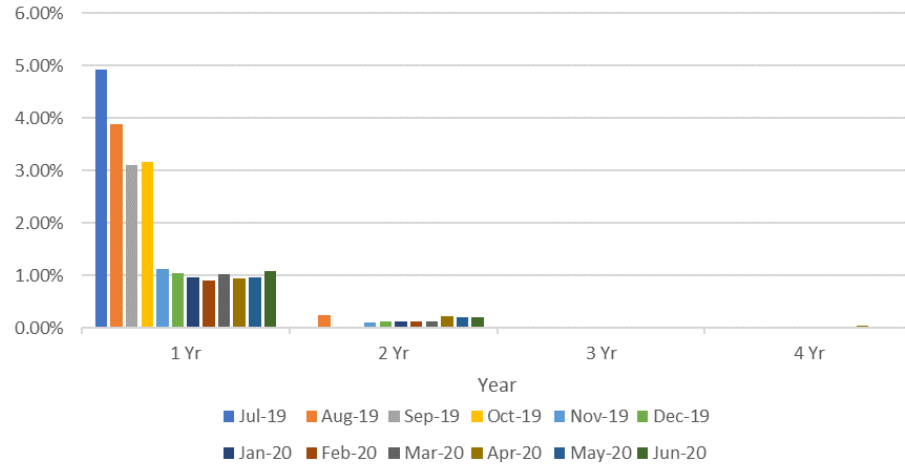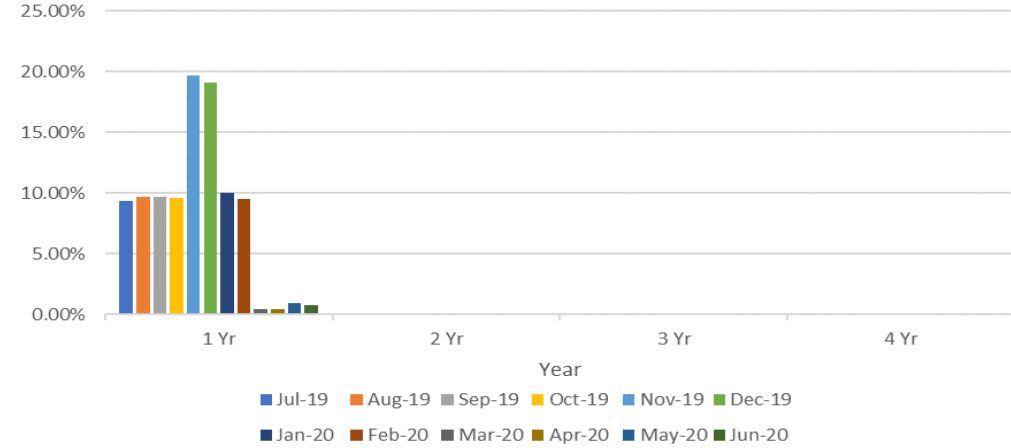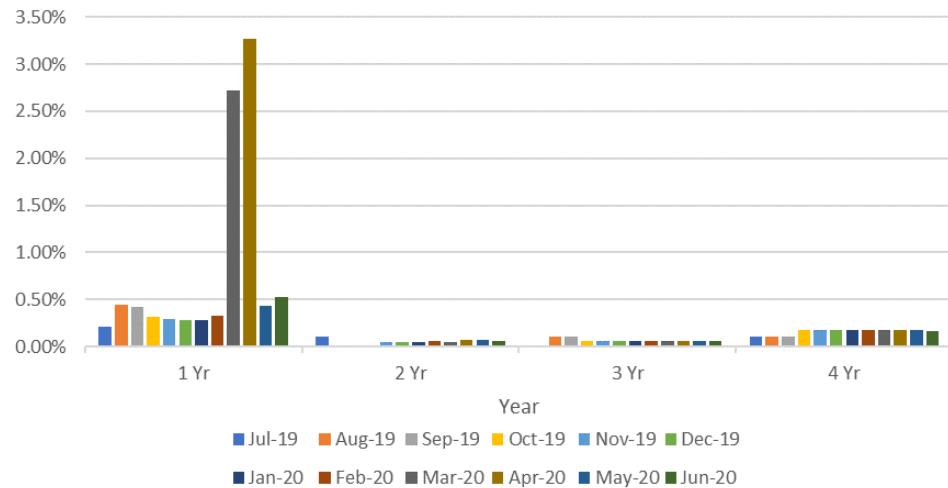

PC4 - EUC07

PC4 - EUC08

PC4 - EUC09
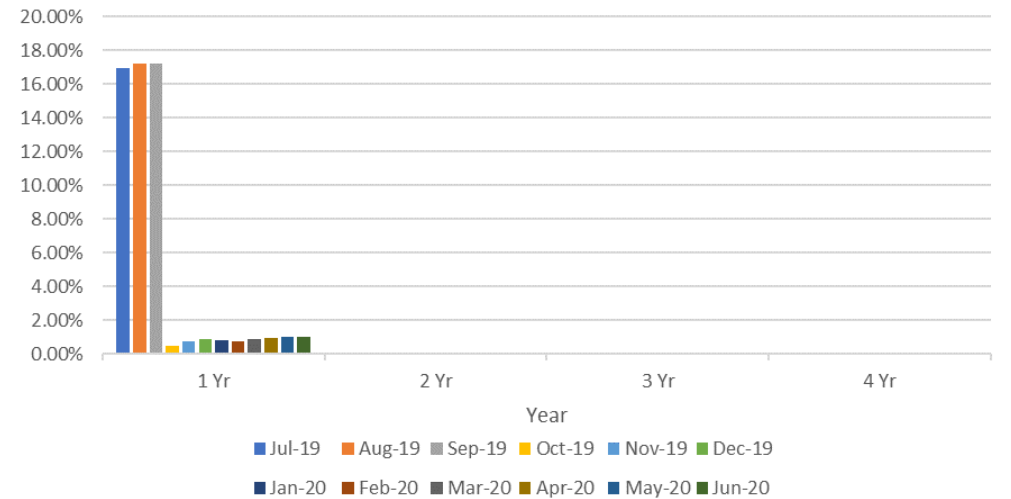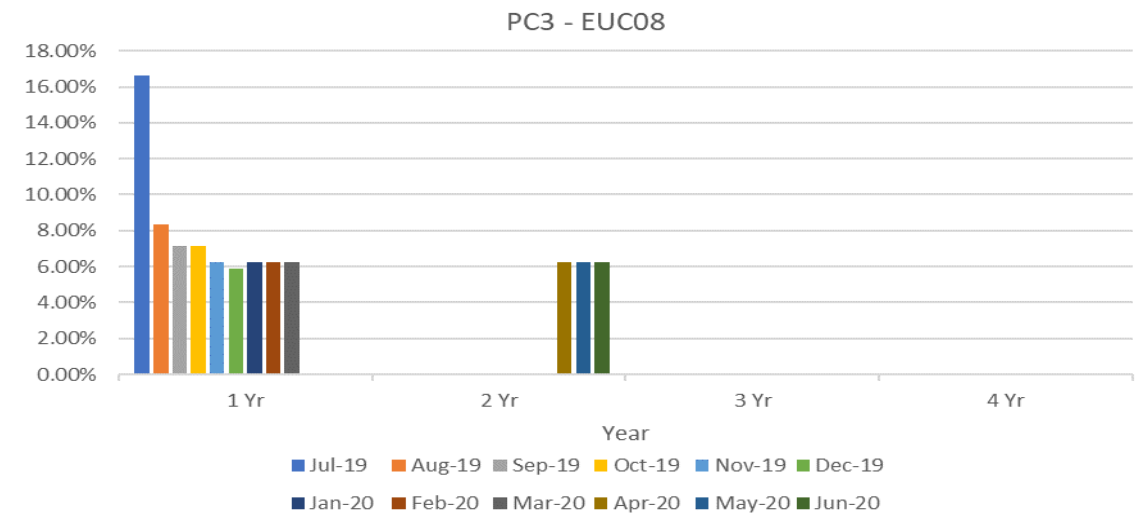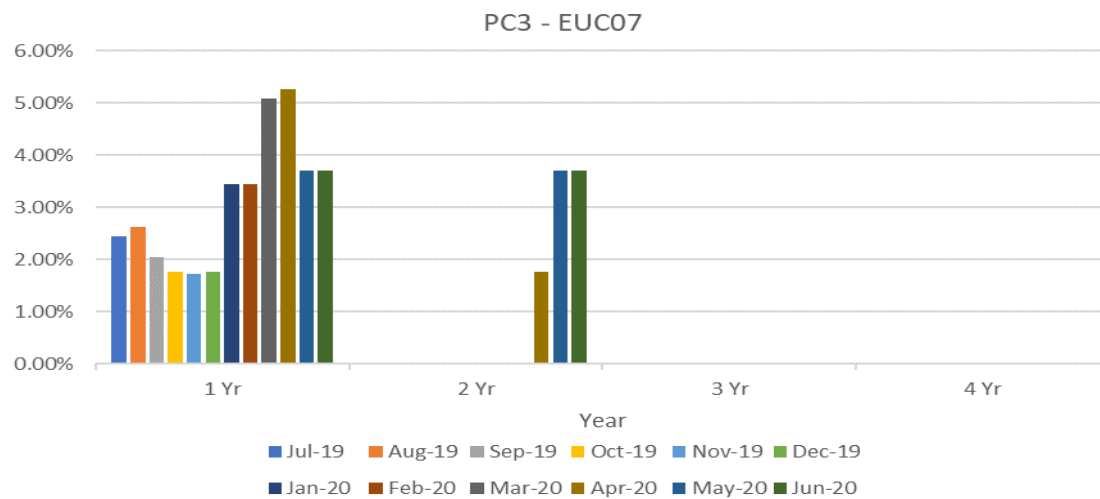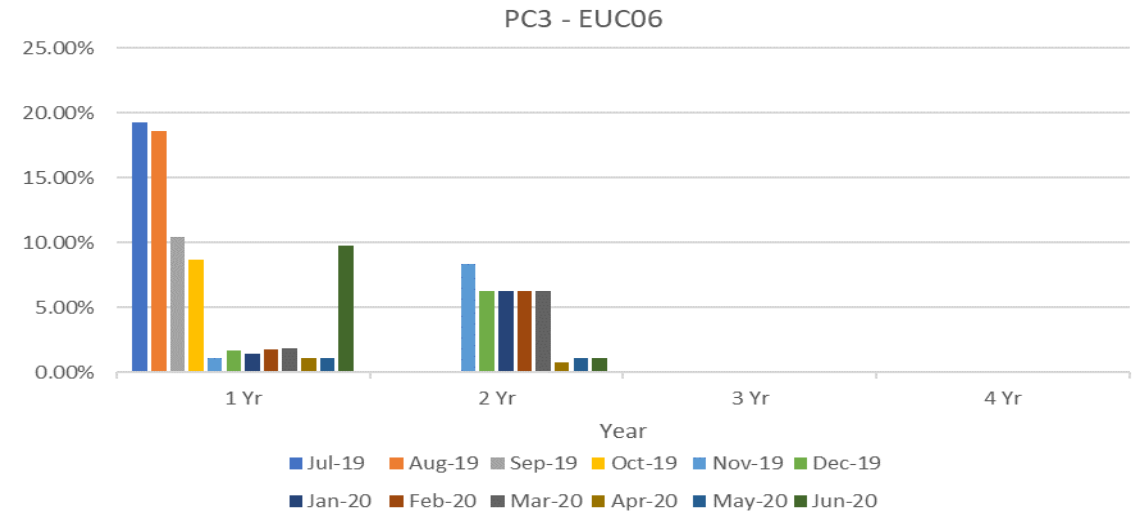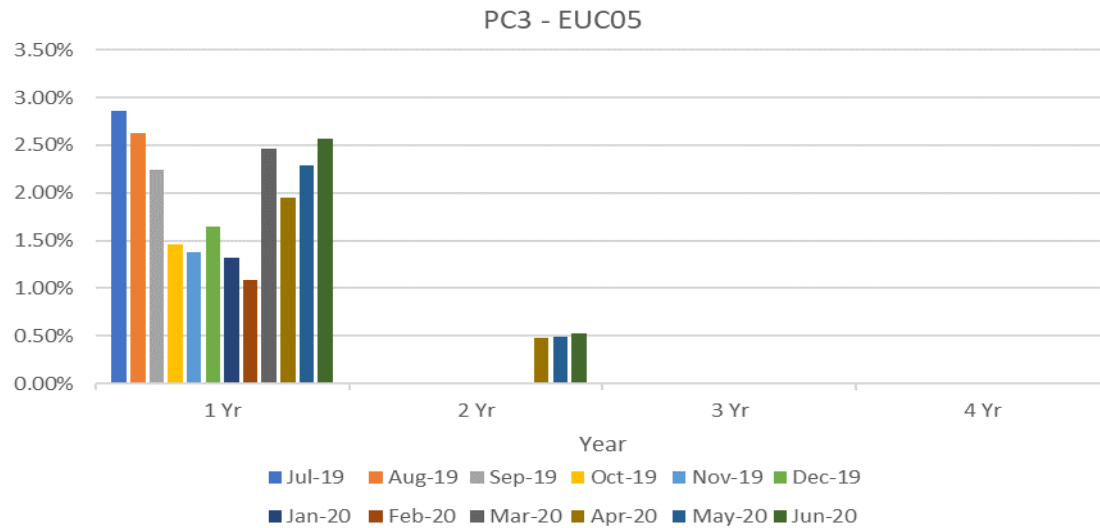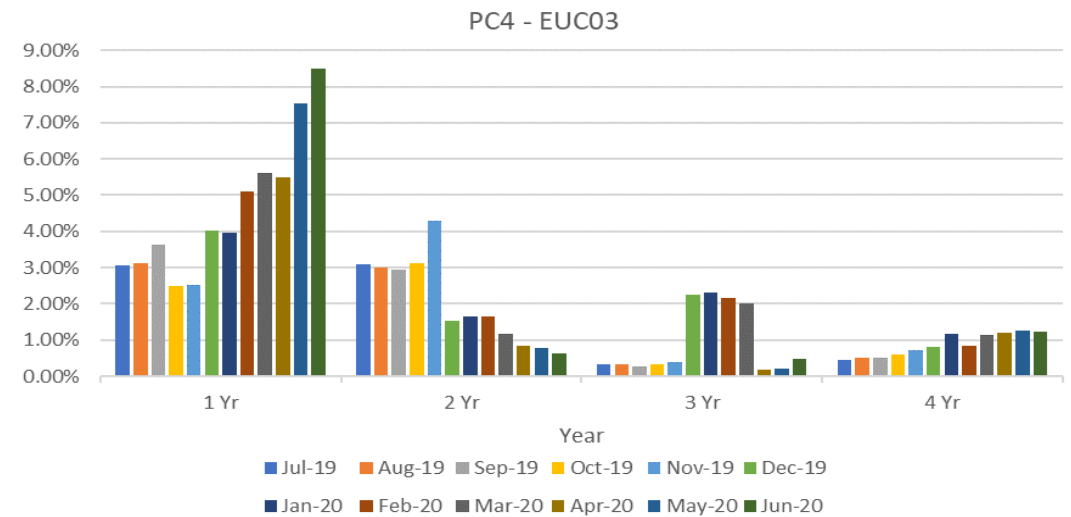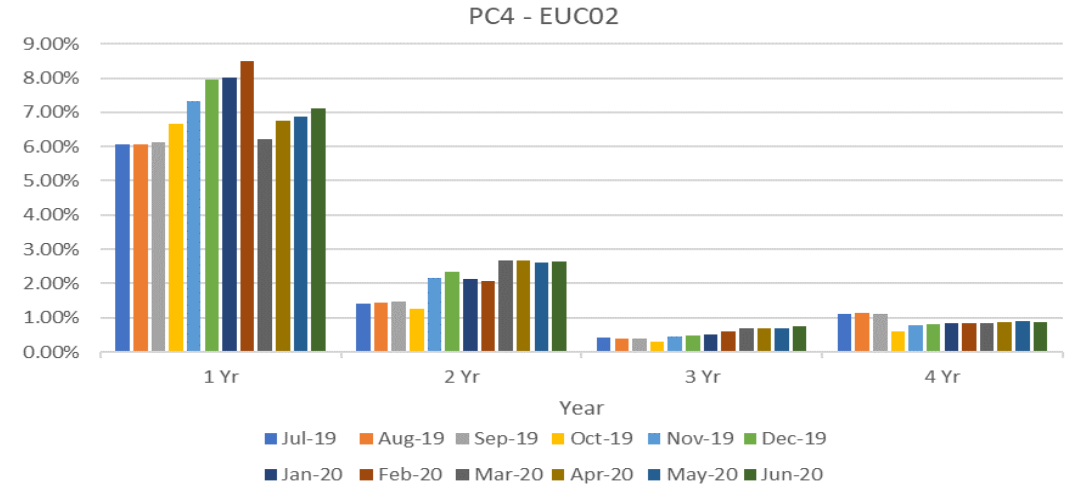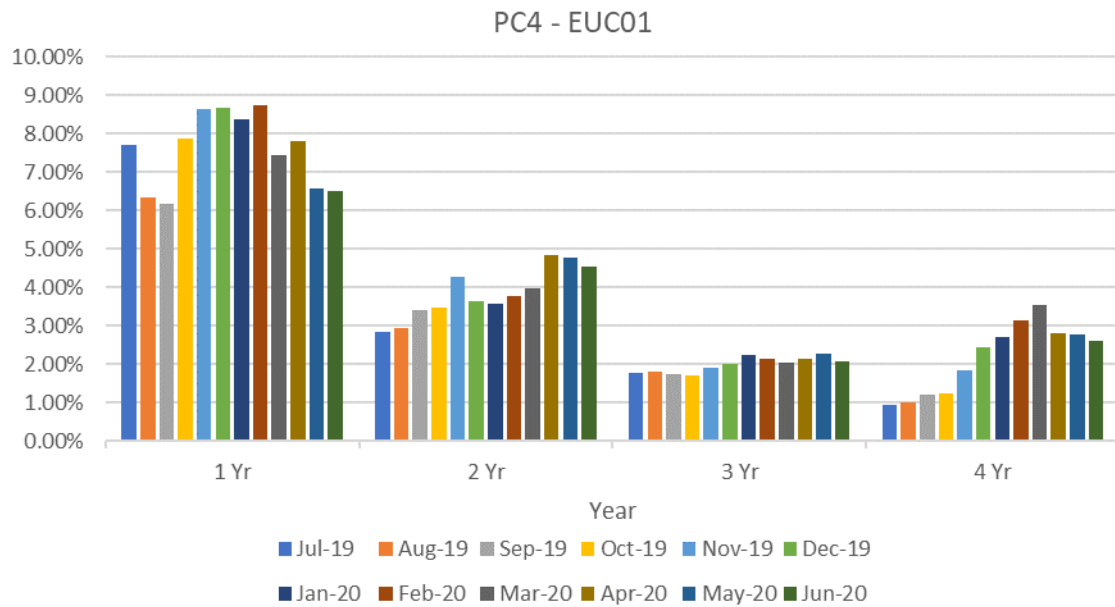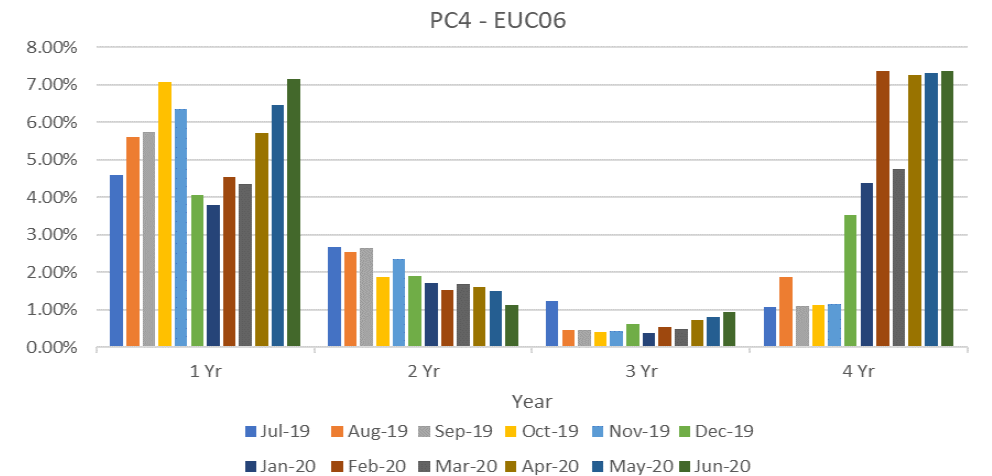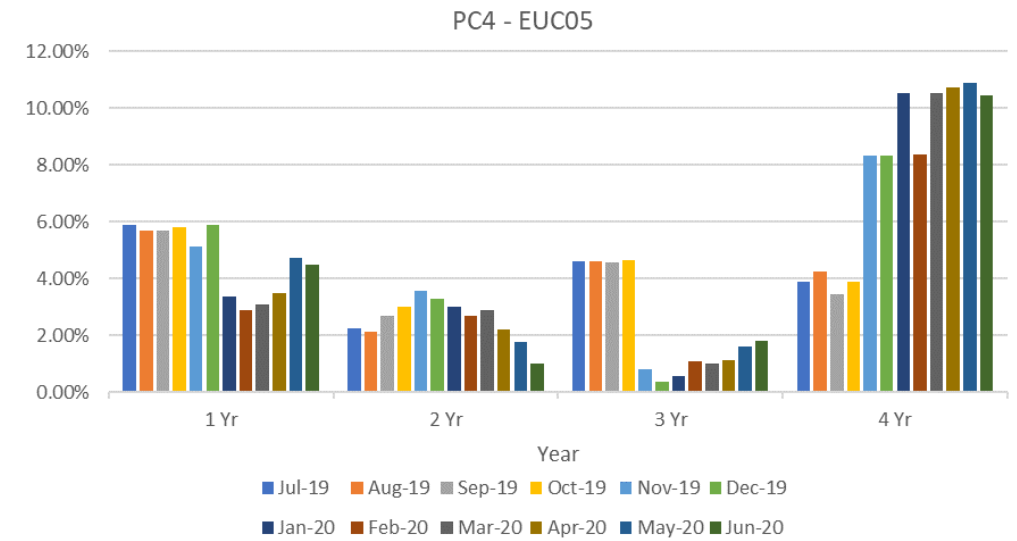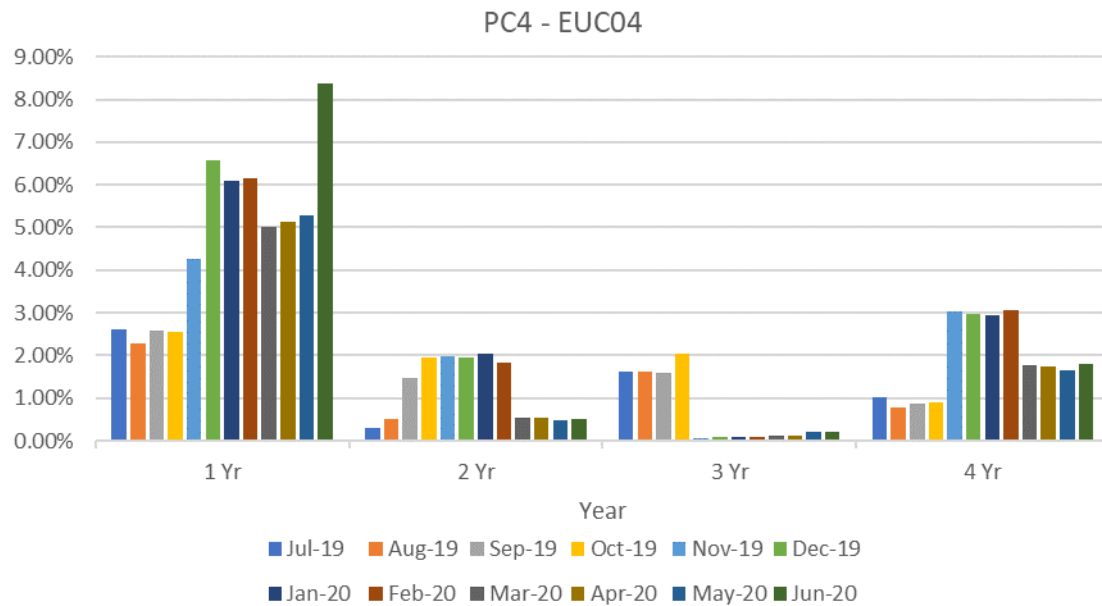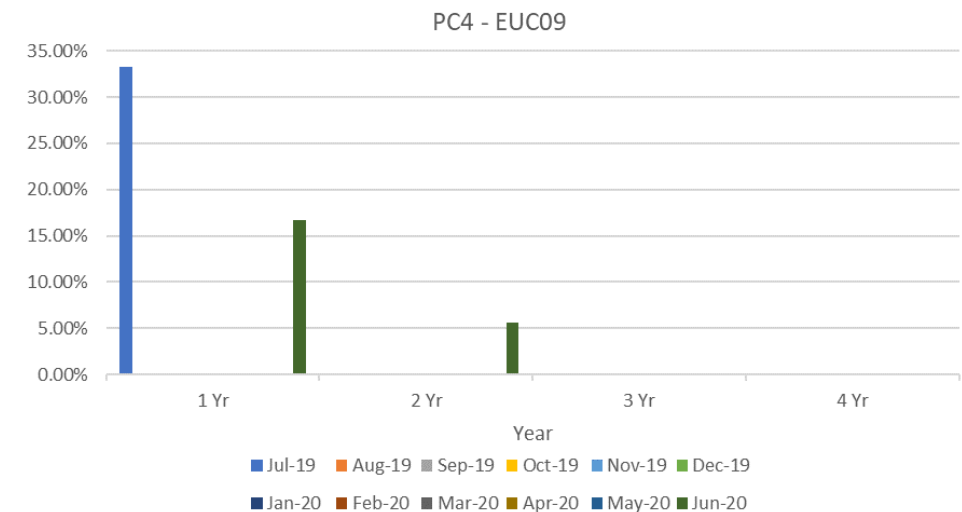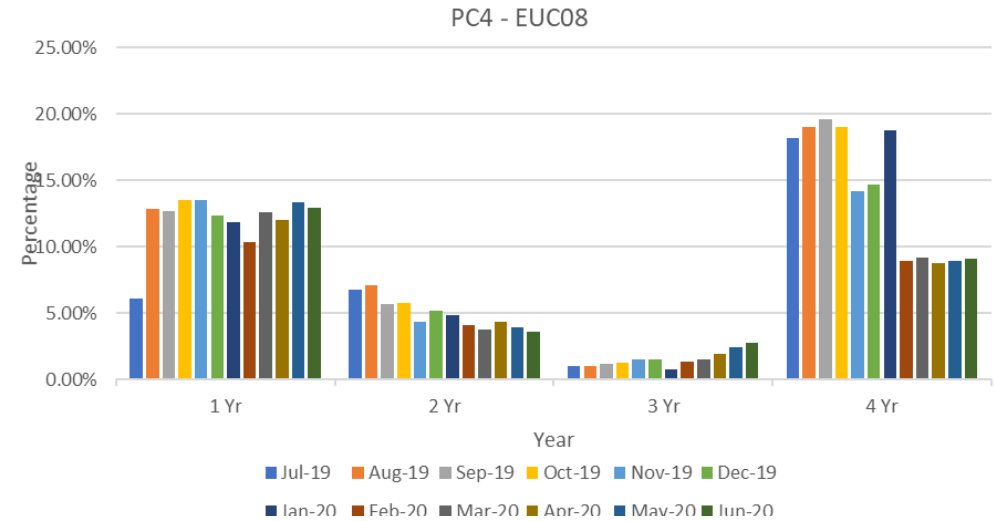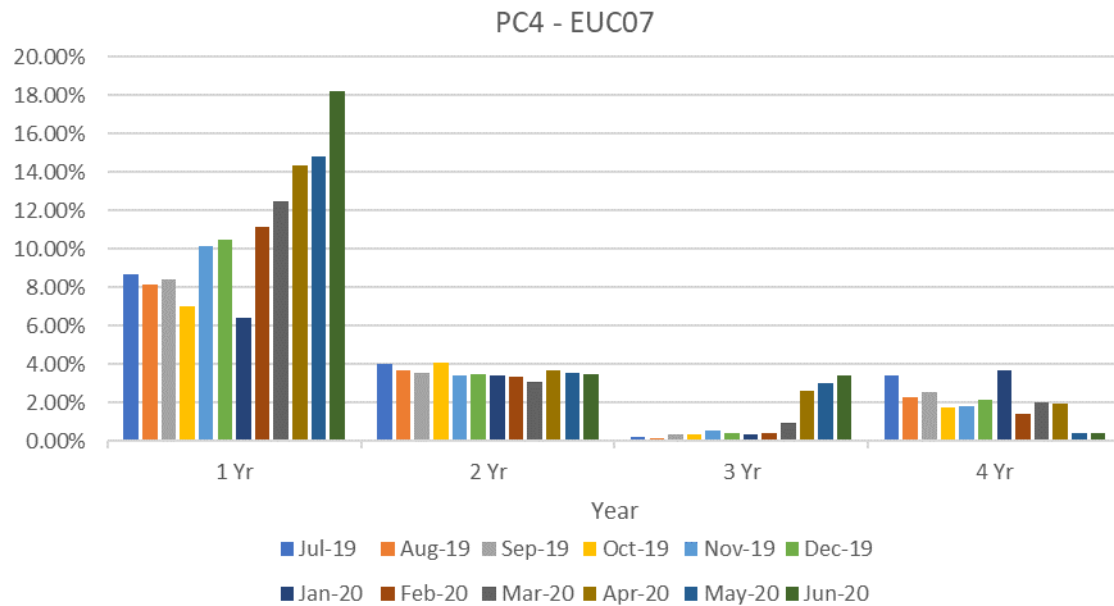
2A.8 AQ Correction by Reason Code

Report measures the count of Shipper Portfolio of MPRNs where AQ Correction process Used

Changes in total number of AQ corrections used

Reason Code 01- Confirmed Theft
↓ 0 Monthly Change
↓ 1 Annual Change

Reason Code 02- Change in Consumer Plant
↑ 1027 Monthly Change
↑ 3418 Annual Change

Reason Code 03- Commencement of New Business
↓ 34241 Monthly Change
↑ 284 Annual Change

Reason Code 04- Tolerance Change
↓ 189 Monthly Change
↑ 33 Annual Change

2A.8 Count of AQ Corrections used by reason code

Observations:
- The increase in AQ corrections under "change in consumer plant" continues in June, with significant levels being recorded
- PAFA have referred this to the CAMs for investigation as the activity is focused on a smaller number of Shippers rather than across the industry
- PAC will continue to closely monitor this area
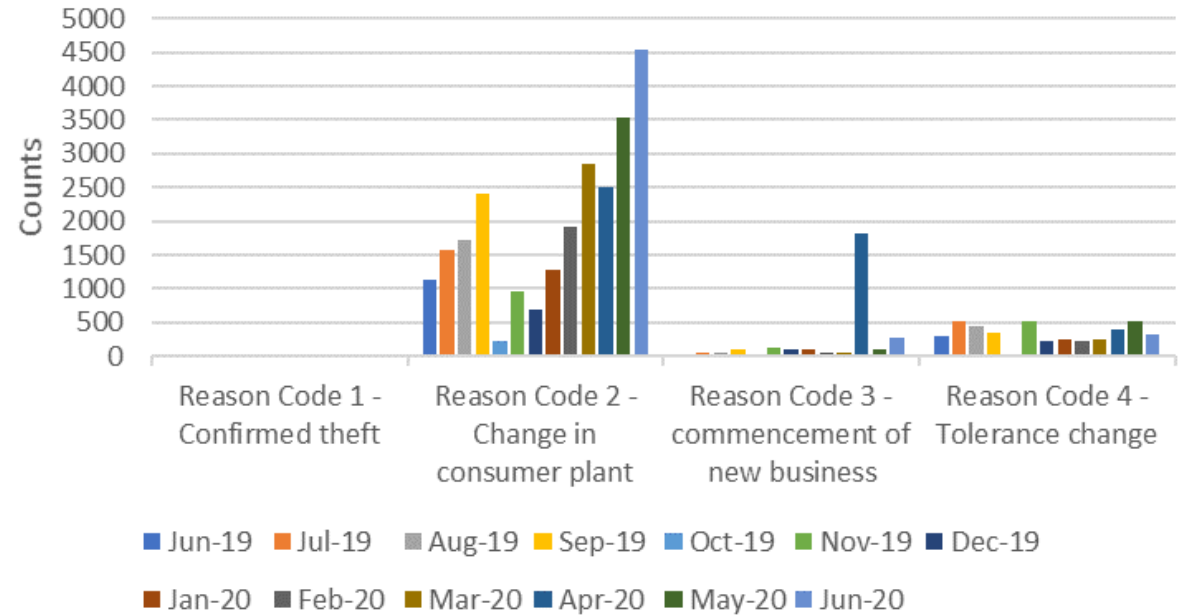
2A.9 Standard CF AQ > 732,000 kWh

Report measures the count of sites with an AQ>732,000 kWh, but having a standard correct factor

EUC04

↑ 113 Monthly Change
↓ 1189 Annual Change

EUC05

↑ 13 Monthly Change
↓ 139 Annual Change

EUC06

↑ 3 Monthly Change
↓ 22 Annual Change

EUC07

↑ 3 Monthly Change
↑ 11 Annual Change

EUC08

↑ 1 Monthly Change
↑ 3 Annual Change

EUC09

No Monthly Change
↓ 1 Annual Change

2A.9 Count of sites above >732,000 kWh using standard CF
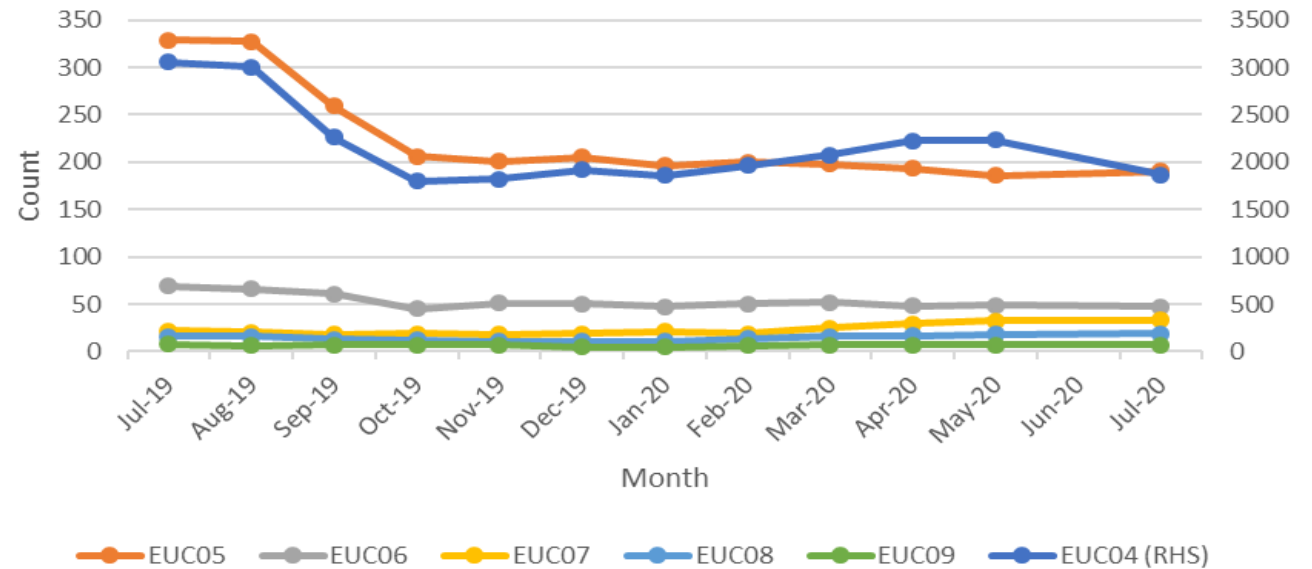
Observations:
- EUC04 continues to have a significantly higher number of standard correction factors incorrectly used compared to other EUC bands
- Work with the CAMs continues in the area, but PAC are aware of the implementation of UNC681s and the potential impacts on the reports
- Monitoring will continue

2A.10 Replaced Meter Reads

Report measures the count of meter reading replacements which results in reconciliation adjustments.

EUC01

↓ 133836 Monthly Change
↑ 555 Annual Change

EUC02

↑ 346 Monthly Change
↓ 104 Annual Change

EUC03

↓ 107 Monthly Change
↓ 139 Annual Change

EUC04

↑ 63 Monthly Change
↓ 31 Annual Change

EUC05

↓ 14 Monthly Change
No Annual Change

EUC06

↑ 7 Monthly Change
↑ 3 Annual Change

EUC07

↑ 4 Monthly Change
↑ 3 Annual Change

EUC08

↓ 1 Monthly Change
↓ 6 Annual Change

EUC09

No data recorded

2A.10 Count of meter reading replaced by EUC
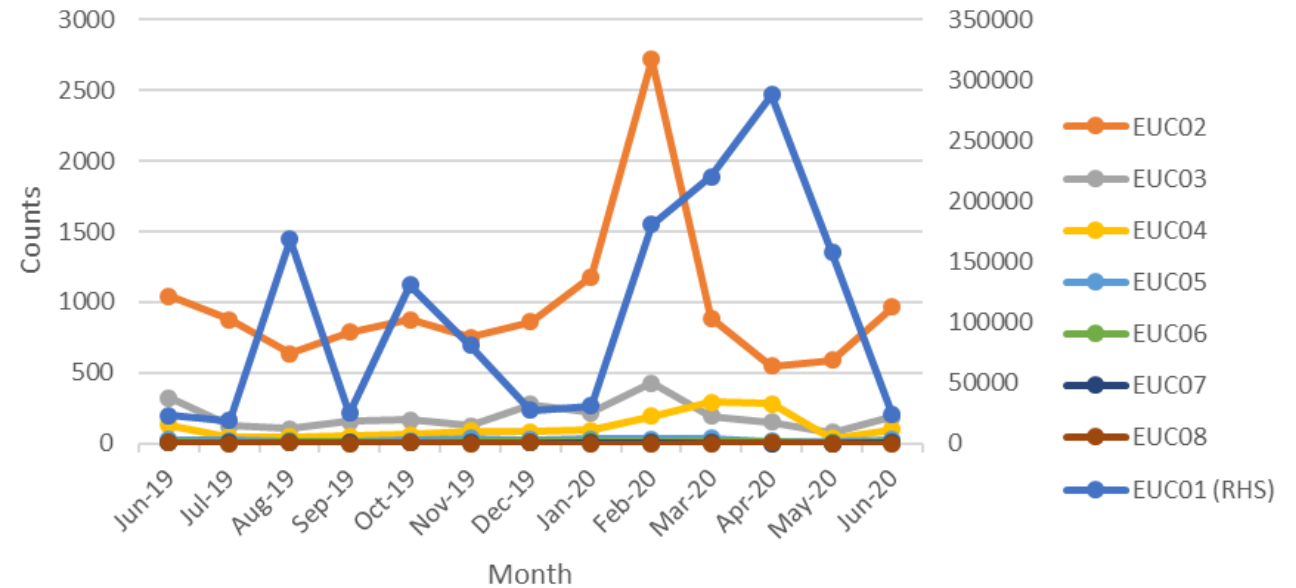
Observations:

- Work with the CAMs has enabled the PAC to identify that in general, the spikes are due to Shipper's cleansing their portfolio.
- PAC will continue to monitor this area

Appendix – PARR report details

Sr No	Topic	Details	Split By	12 Rolling Months	Format	e.g. For Nov Report	Condition	Comments
1	2A - Estimated & Check Reads used for Gas Allocation, and consumption adjustments for Product Classes 1 & 2	*Need to count everyday portfolio and count mprn where read has been estimated and no actual present on the same day .* *Check Read : For check reads we would need to check , as of reporting day how many class 1 & 2 MPRNs are present with DRE/AMR.* *For those MPRNs we have site visit read <=14 months and no subsequent site visit read . Those are outstanding ones per shipper.* Class		Annual	Percentage	September	M-2	
2	2A - No Meter Recorded in the Supply Point Register	AQ Band wise , AQ band based on report run day . Class wise different table And AQ Band. Exclude NTS connected Sites & Telemeterd. Exiting SHPK - Topic - Confirmed No Asset Report Class		Annual	Count & B - Percentage	Nov	M	
3	No Meter Recorded in the Supply Point Register and data flows received by Xoserve	Same as above but additionally need to check if for above MPRNs any Data Flow Means - > Asset Update , C & D Store & Reads received in that month Class		Annual	Count & B - Percentage	Additional MPRNs		
4	2A - Shipper Transfer Read Performance	M-2 is considered – Open OPNT_REQ_FOLL_CON OPNT_RECEIVED_10 Class		Annual	Percentage	September	M-2	
5	Read Performance	As per frequency we need to check if we hav e received the read e.g. month read site will check if we have received the read in month .Class and shipper transfer are excluded .6 Monthly read site need to consider yearly ,It is not in UNC. It will be like MUR logic M-2 , exclude sites where class changes happened in M-2 , shipper changes Class			Percentage	September	M-2	

Appendix – PARR report details

Sr No	Topic	Details	Split By	12 Rolling Months	Format	e.g. For Nov Report	Condition	Comments
6	2A - Meter Read Validity Monitoring	MRE01026 :Reading breached the lower Outer tolerance. MRE01027 :Reading breached the Upper Outer tolerance. MRE01028 :Reading breached the lower Inner tolerance value and no override flag provided. MRE01029 :Reading breached the upper Inner tolerance value and no override flag provided. MRE01030 :Override tolerance passed and override flag provided We can build this from DUK_ARSR , by checking failed reads . DUK_READ = We can get how many successfull reads received based on Status =U . Failed once are with status =F	Reason Codes	;	Percentage	October	M-1	
7	No reads received for 1,2,3 or 4 years (excludeds estimated	Per class table , per AQ Band ,Need to ignore estimates for all classed Logic is similar to existing SHPK Logic - NO_READ_2Y_3Y_B73200 Here we would need to create 4 counts No reads received for 1 , 2 , 3 , 4 years sepeartely as per layout	AQ Band	Annual	Percentage	Nov	M	
8	2A - AQ Corrections	AQ correction by reason code : Switch Type = 50 , Switch View = 50 , Switch status = LI Reason code per table , Reason code is new field added in ISU BW - DS 0UC_SWTDOC Switch Document new field added in DS - ZZ_AQ_REASON	AQ Band	Annual	count	October	M-1	
9	2A - Standard Correction Factors for sites with AQ > 732, MWH	Standard correction factor by AQ Band	AQ Band	Annual		Nov	M	**Report should only include AQs above 732000. Currently including >=732000**
10	2A - Replaced Meter Reads	Count of meter points where replacement reads received by AQ Band ,Only for class 3& 4 , Replaced meter reads are identified with DUK_READ where read reason = R , Upload Status = U , we would need to add AQ Band either in DUK_READ or consider while processing	AQ Band	Annual		October	M-1	

PAFA@Gemserv.com