PARR Dashboards

9th June 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:

↑ 0.64% - Monthly change

↑ 6.38% - Annual change

Monthly changes:

↑ 8.33% Valletta

↑ 13.44% Ankara

↑ 18.49% Washington

↓ 3.29% Rome

↓ 4.30% Tehran

↓ 27.15% Monaco

PC2

Industry movement:

↓ 3.25% Monthly change

↓ 12.09% Annual change

Monthly changes:

↑ 4.48% Washington

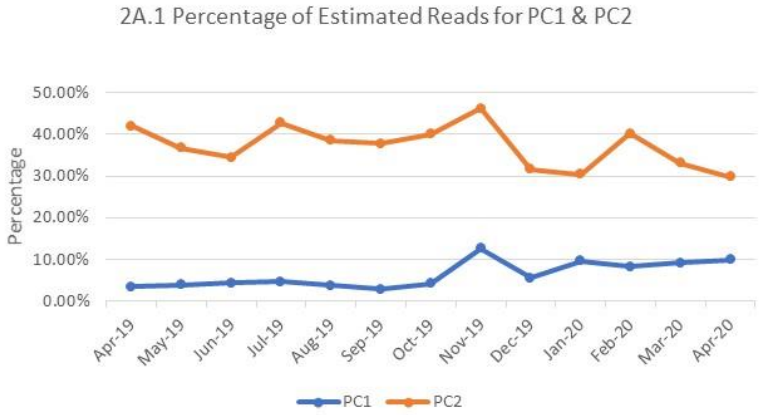
↑ 6.39% Saipan

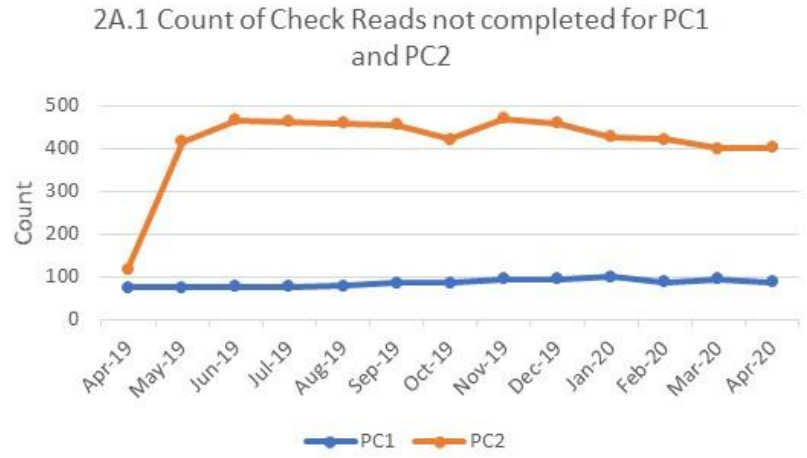
↑ 16.13% Luanda

↓ 7.60% Philipsburg

↓ 17.72% Tiraspol

↓ 44.01% Thimphu



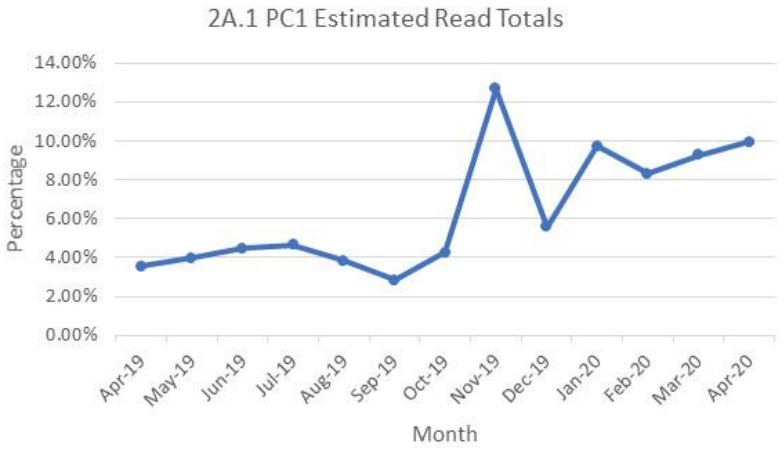


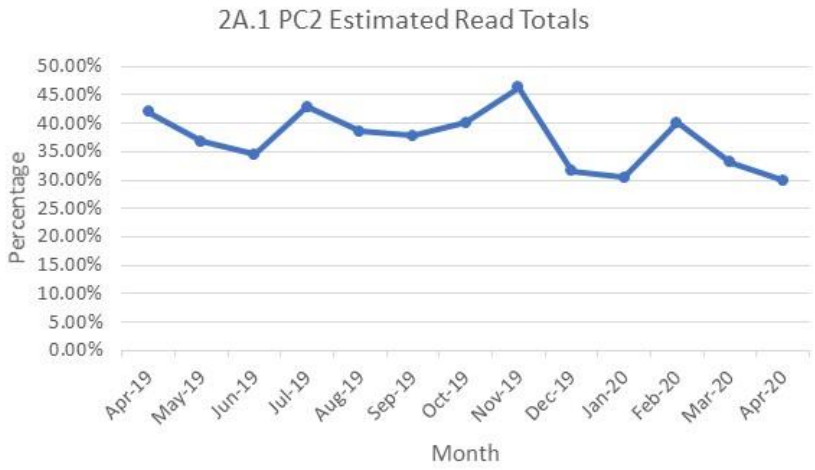
Observations:

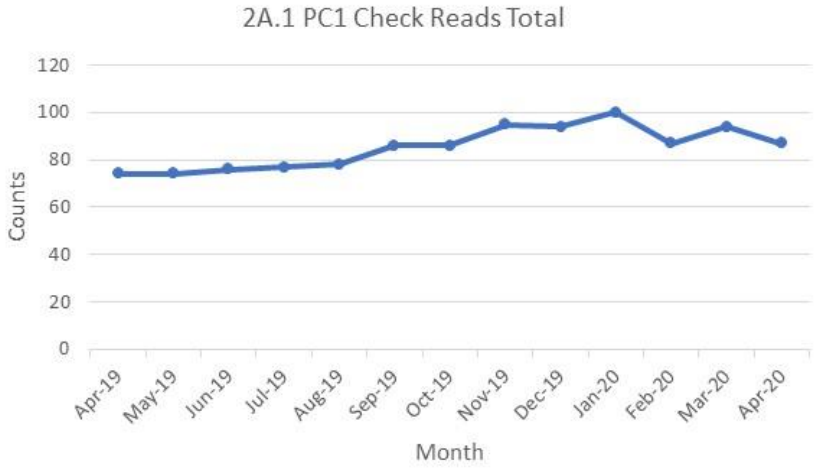
- PC2 Estimated Read Performance has returned to the level at which it was performing in January 2020.

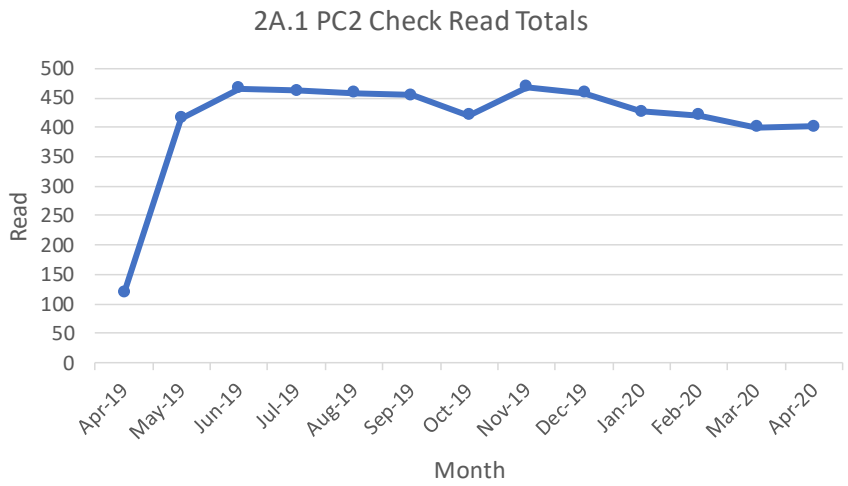
- The number of check reads for PC2 has significantly increased since May 2019 – appears to have stabilised c. 400 check reads not completed
  - Working with CAMs to provide industry education piece on submitting check reads

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

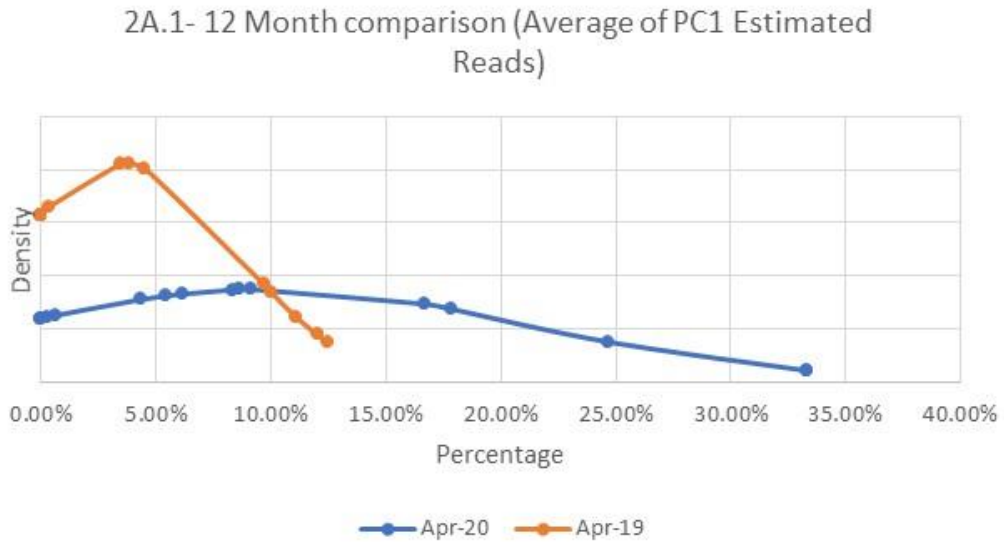


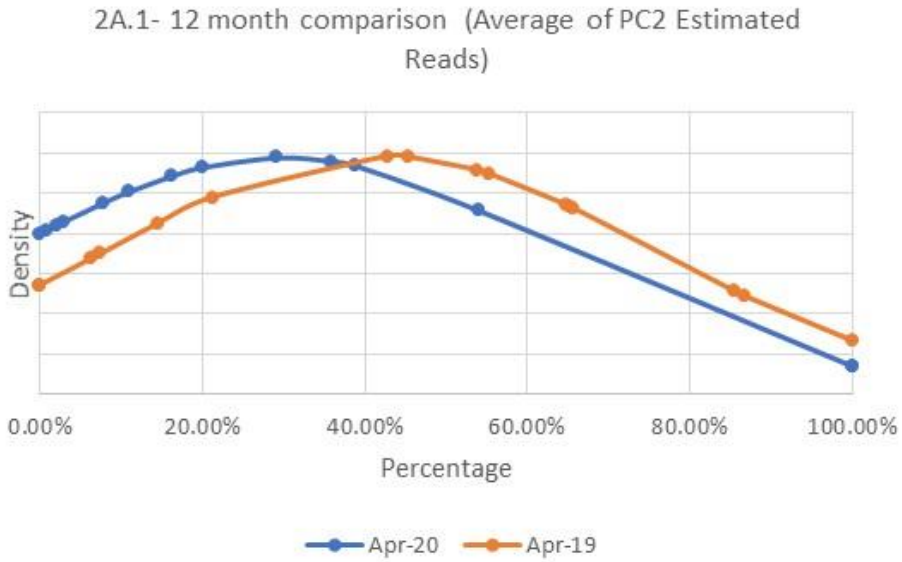






2A.1 Estimated & Check Reads - Product Classes 1 & 2





2A.2 – No Meter Recorded

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

PC1

Highest shippers:
Valletta 25%

PC2

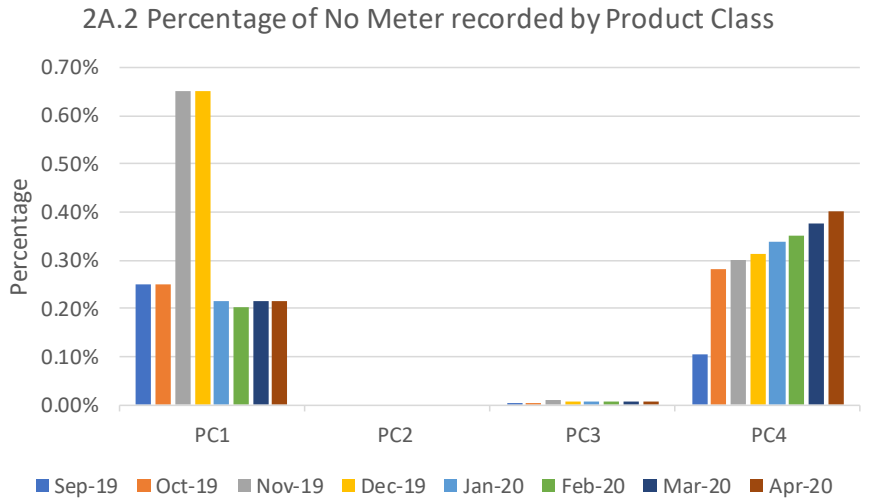
0% for product class

PC3

Highest shippers:
Praia 0.50%
Roseau 0.17%

PC4

Highest shippers:
Oranjestad 2.40%
Bratislava 1.36%
Valletta 0.95%



Observations:

- Increased in the number of no meters recorded on the supply point register has increased significantly within PC4 since September 2019 – a trend which appears to be continuing.
- The increase in PC1 is primarily due to changes in the total number of supply points in the product class and not driven by the change in total number of no meters recorded

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

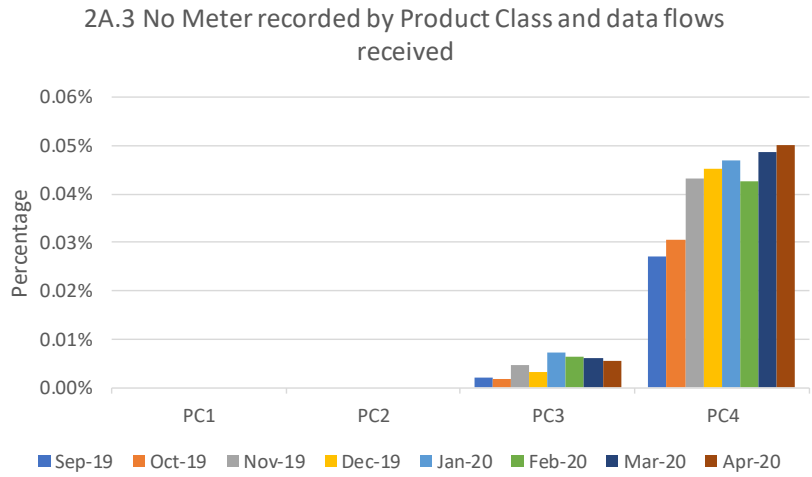
0.0% for both product classes

PC3

Highest shippers:
Roseau 0.17%
Praia 0.17%

PC4

Highest shippers:
Oranjestad 0.29%
Roseau 0.50%
Saipan 0.57%



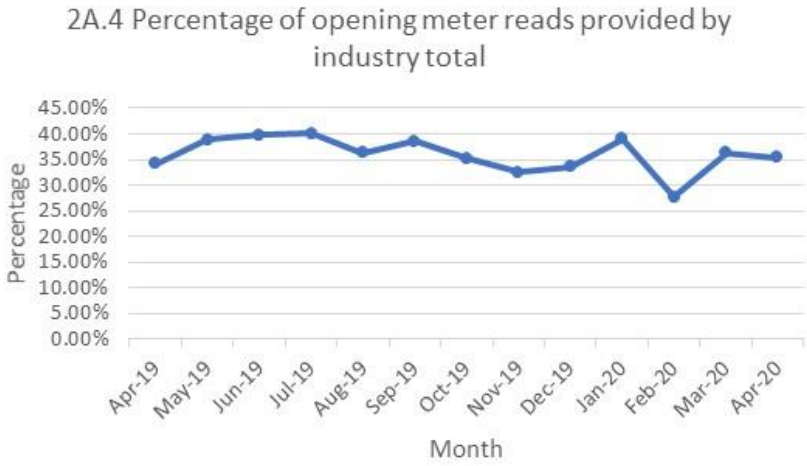
2A.4- Shipper Transfer Read Performance

Report measures the percentage of Shipper portfolio of opening meters reads provided following confirmation

Industry movement:
↓ 0.97% Monthly change
↑ 1.16% Annual change

Monthly changes:

↑ 17.13% Bern	↓ 34.42% Sukhumi
↑ 19.40% Nuuk	↓ 36.05% Praia
↑ 25.00% Taipei	↓ 56.30% Luanda



Observations:

- Transfer read performance remains low and is significantly below the UNC obligation
- Average transfer read performance over the last 12 months is 35.90%

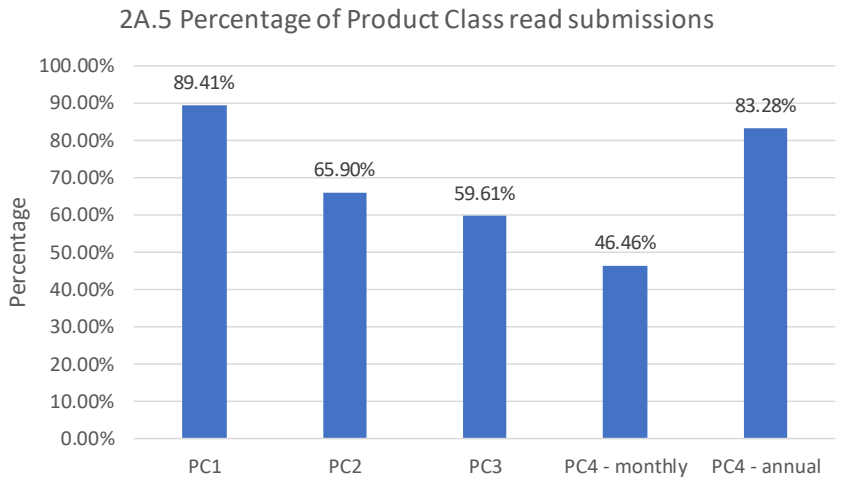
Recommendations:

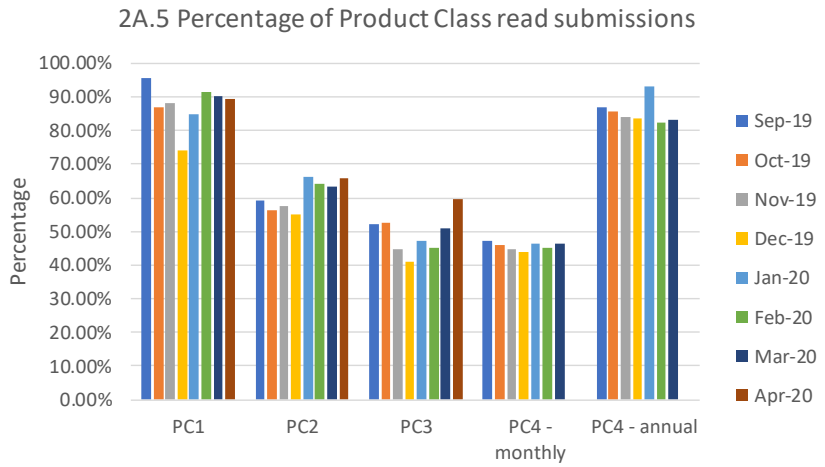
- Industry education on obligation to provide opening meter readings following confirmation.
- Industry engagement on the difficulties providing opening meter reading following confirmation.

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.





PC1

33.33% Valletta
66.67% Washington
80.65% Ankara

PC2

0% Praia
0% Berlin
44.57% Thimphu

PC3

0% Luxembourg
0% Oranjestad
0% Phillipsburg
0% Washington
0% Wellington

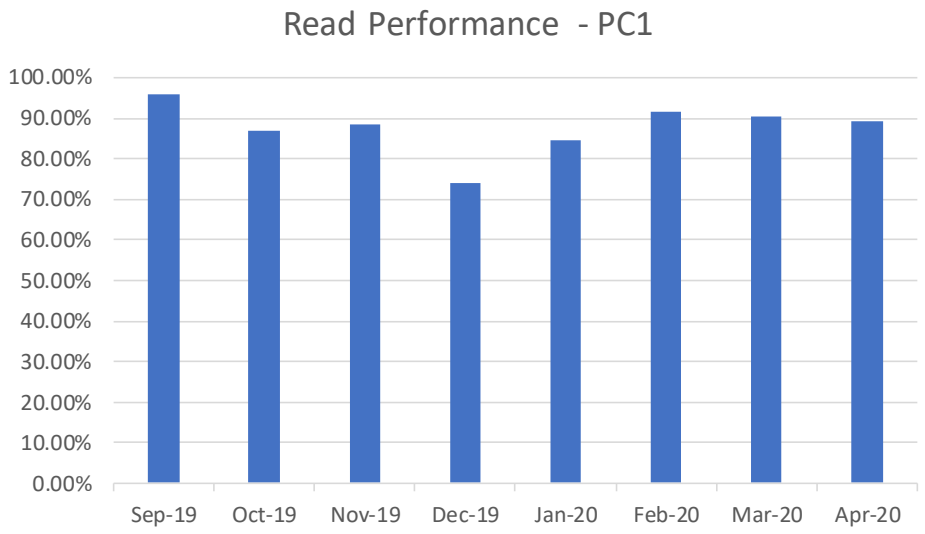
PC4 (Monthly)

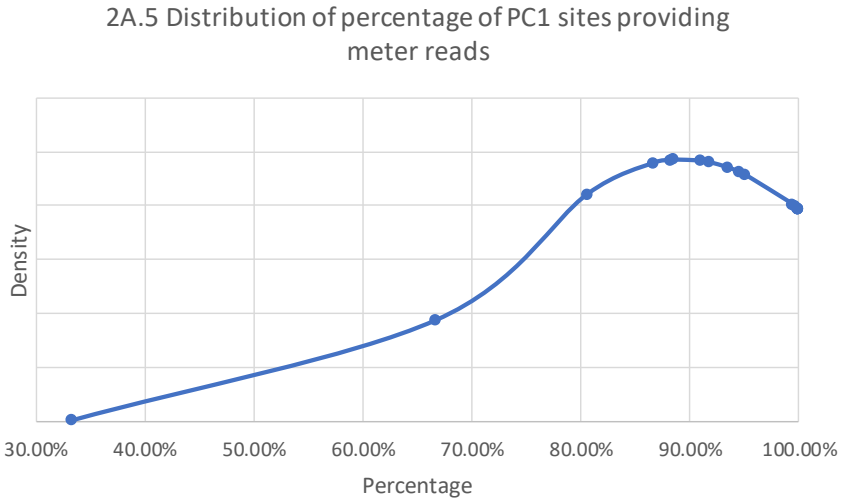
0% Baghdad
0% Bern
0% Khartoum
0% Nairobi

PC4 (Annual)

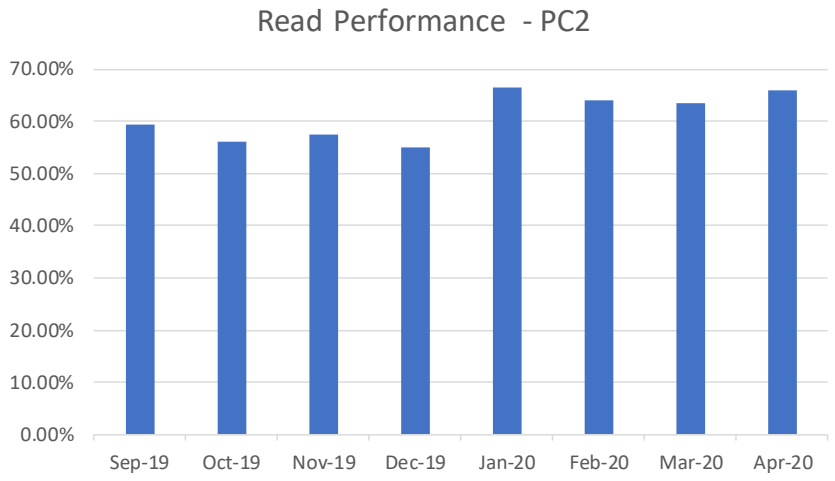
0% Bratislava
57.05% Bucharest
62.09% Monrovia

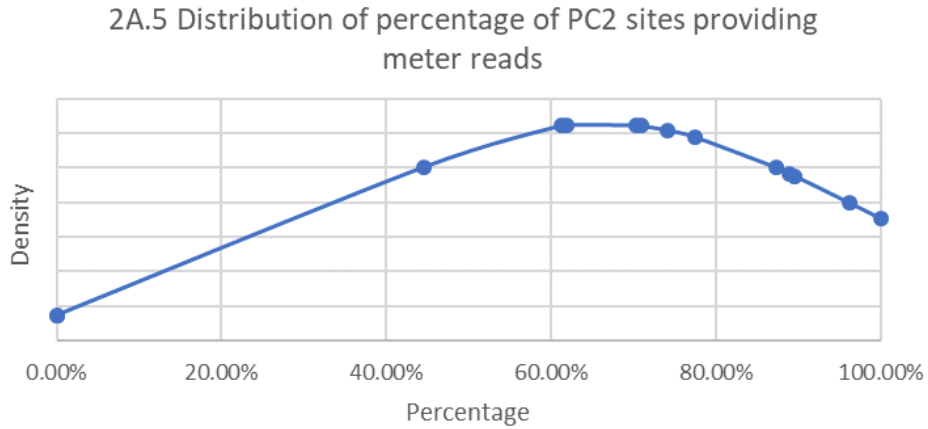
2A.5- Read Performance (PC1)



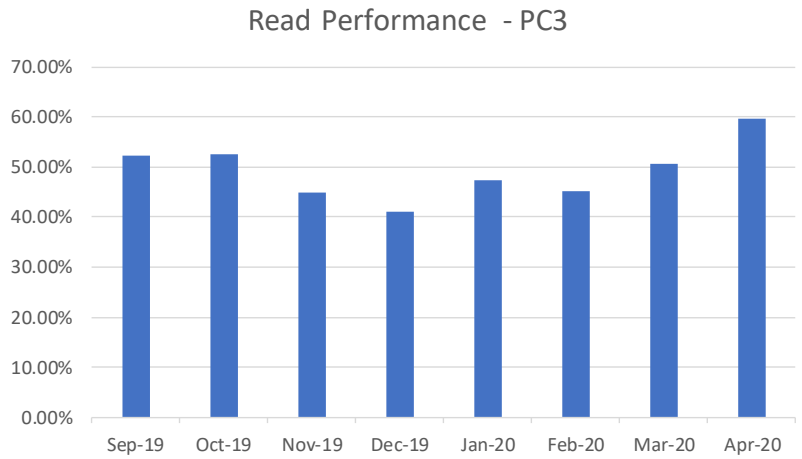


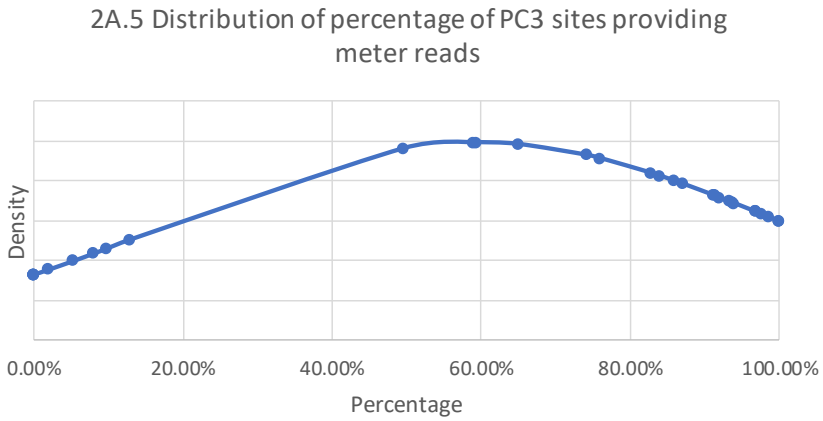
2A.5- Read Performance (PC2)



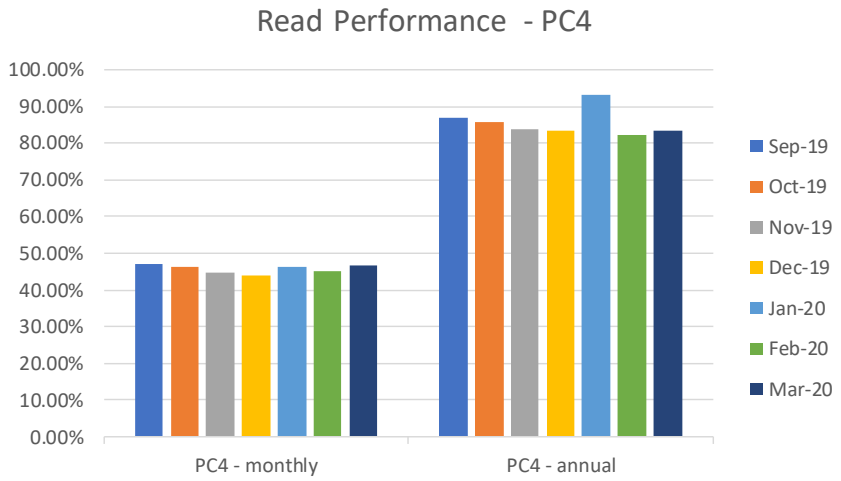


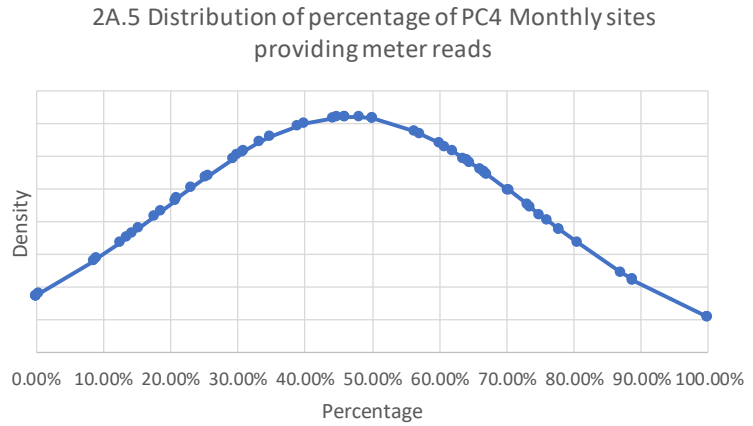
2A.5- Read Performance (PC3)

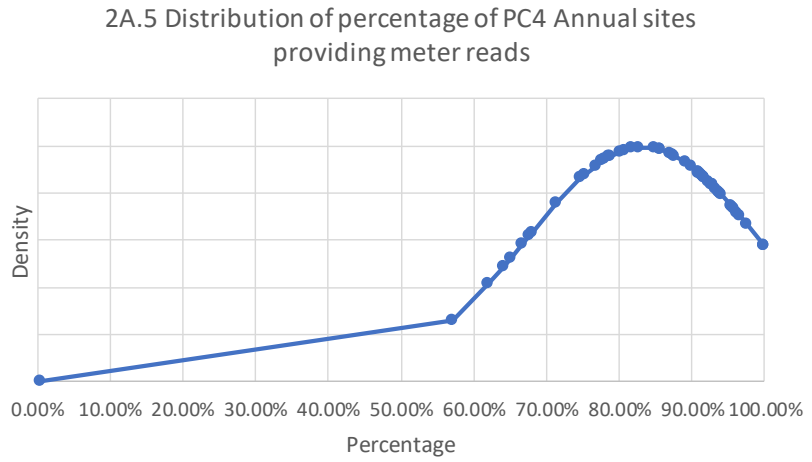




2A.5- Read Performance (PC4)

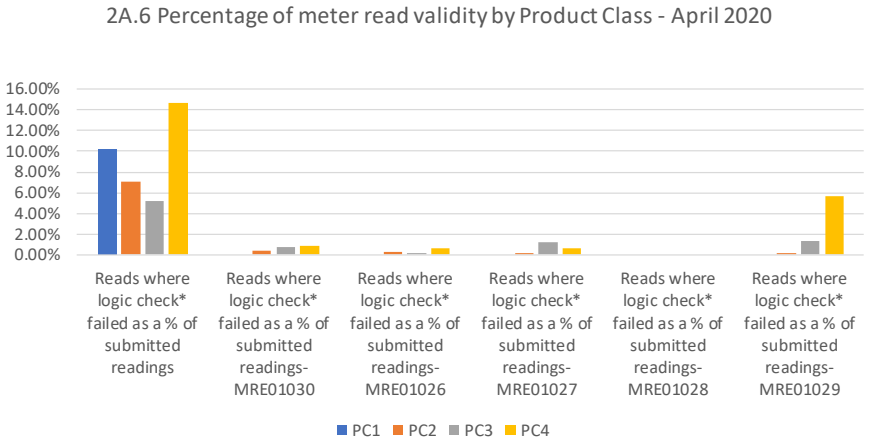






2A.6 Meter Read Validity Monitoring

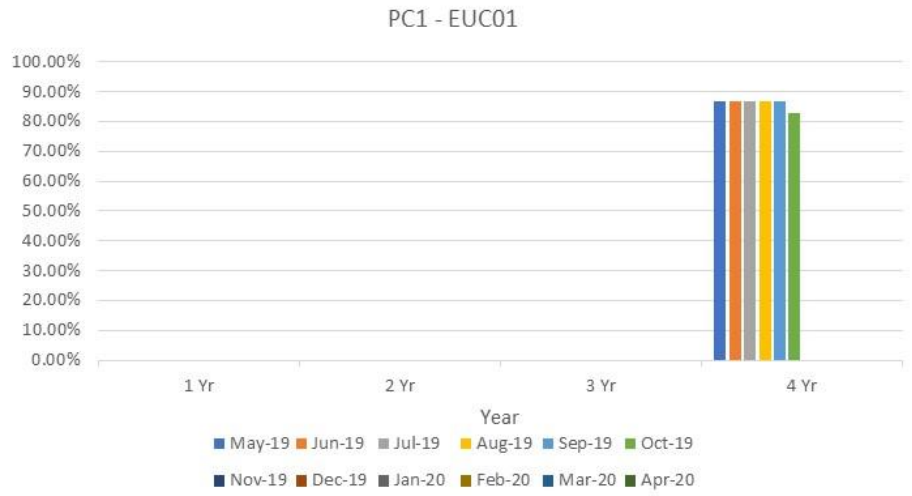
Report measures the percentage of Shipper portfolio where reads submitted failed validation.

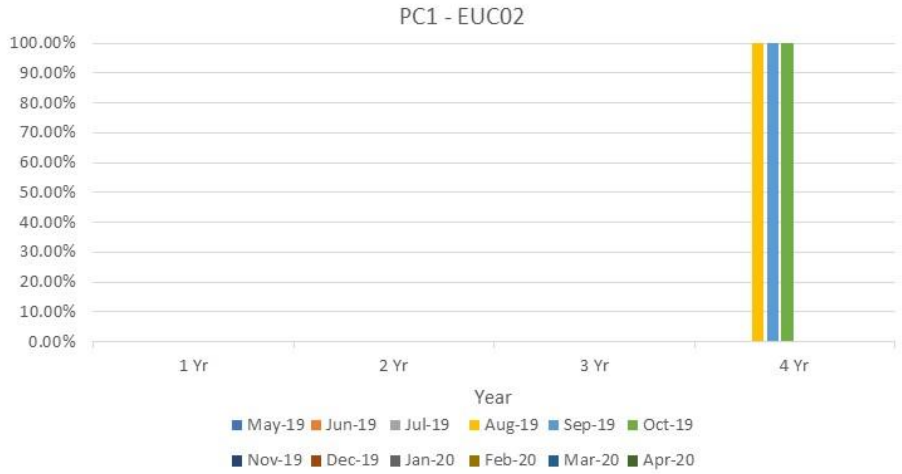


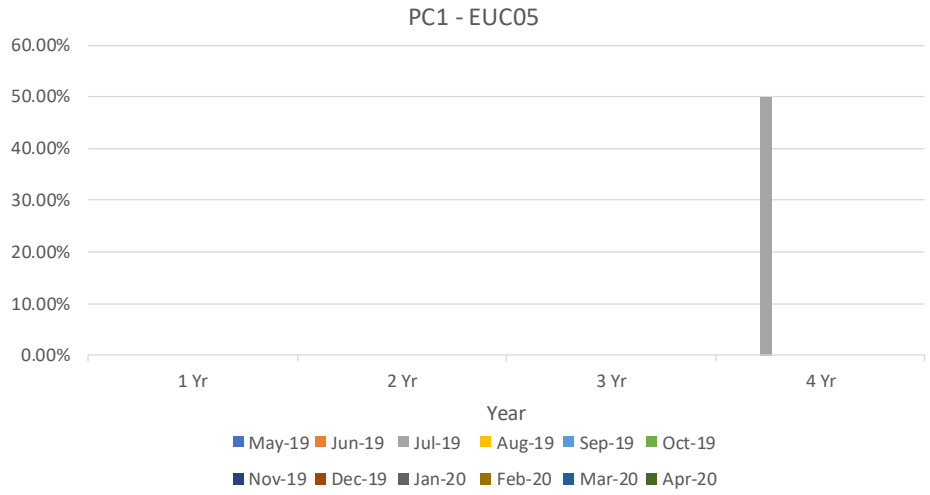
Product Class	Reads where logic check failed as a % of submitted readings	MRE01030	MRE01026	MRE01027	MRE01028	MRE01029
1	Valletta – 31.87%					
2	Washington – 28.95%	Thimphu– 1.60%	Washington – 1.97%	Saipan – 0.73%		Saipan– 1.32%
3	Manama – 49.29%	Monaco – 16.67%	Roseau– 0.36%	Saipan – 15.66%		Monaco – 25.35%
4	Nassau – 100.00%	Saipan – 6.94%	Kinshasa – 3.95%	Valletta – 6.19%		Bissau– 58.33%

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

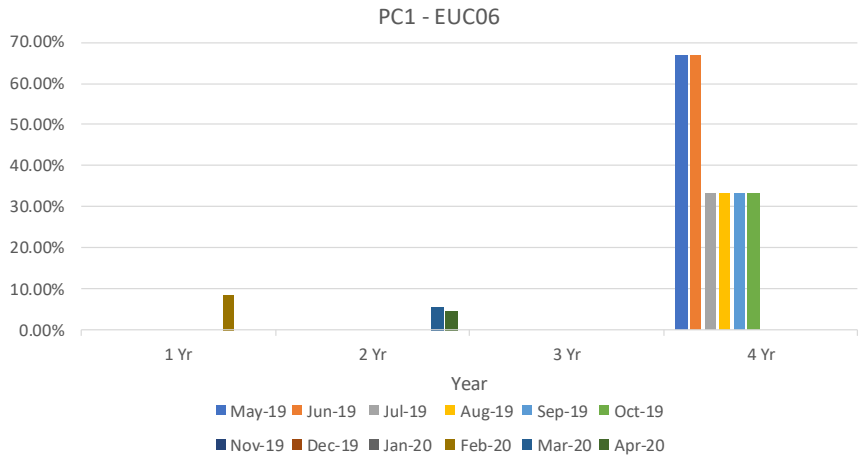
Report measures the percentage of Shipper portfolio in the specified AQ band without a meter reading for the specified period.

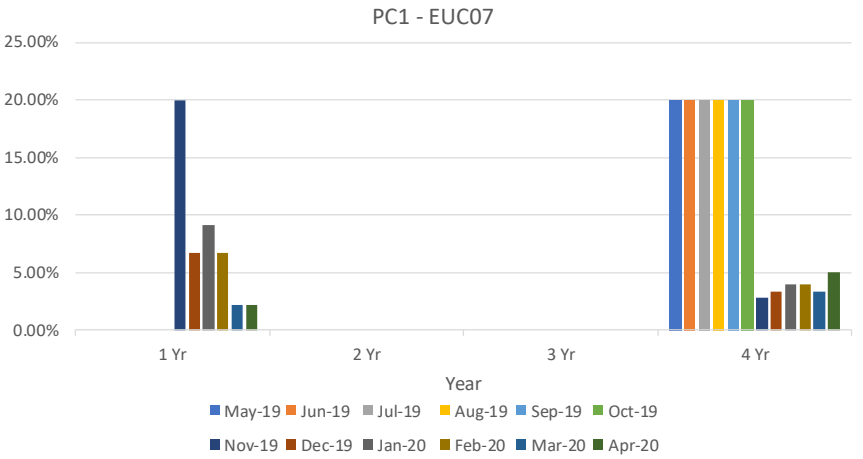


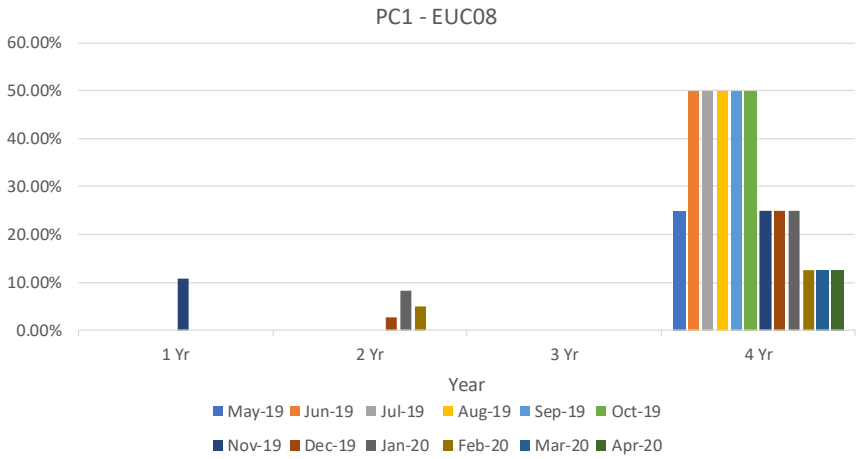


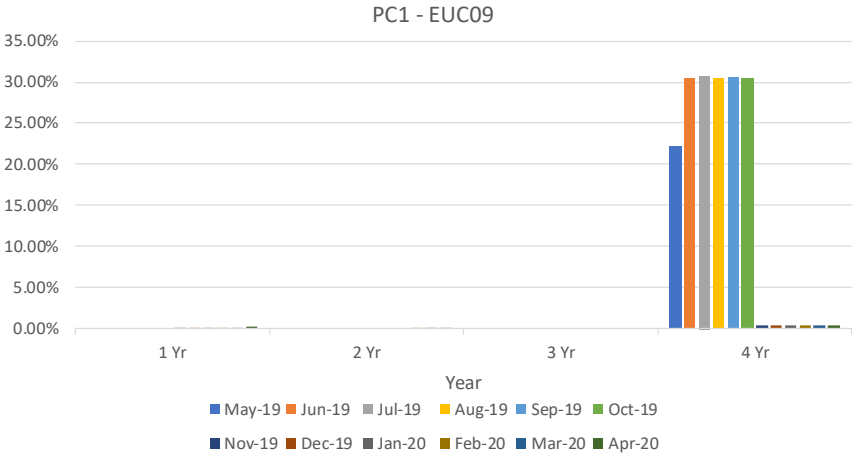


2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 1

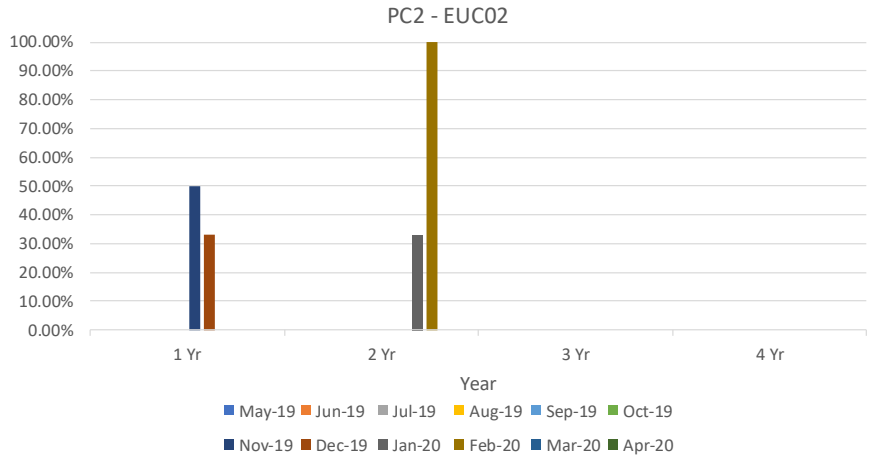


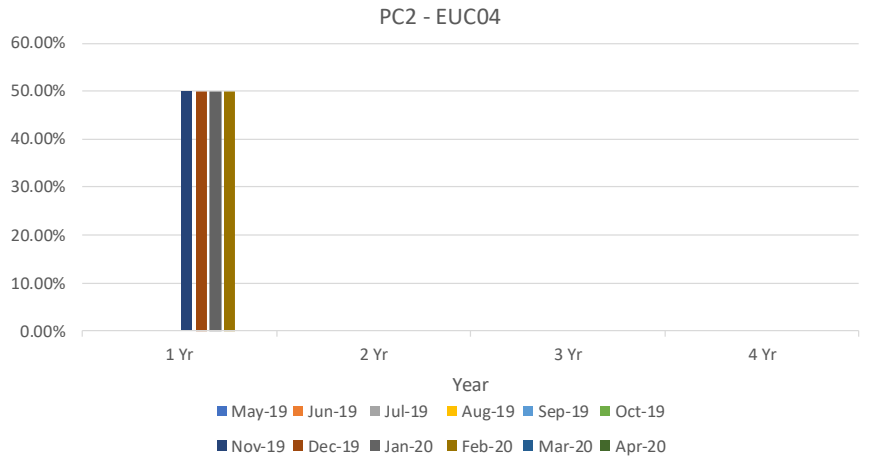


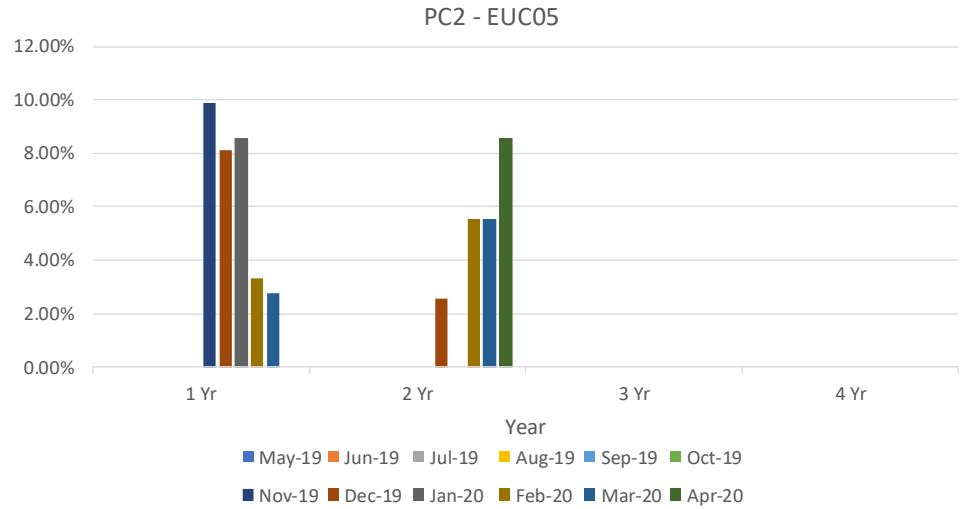




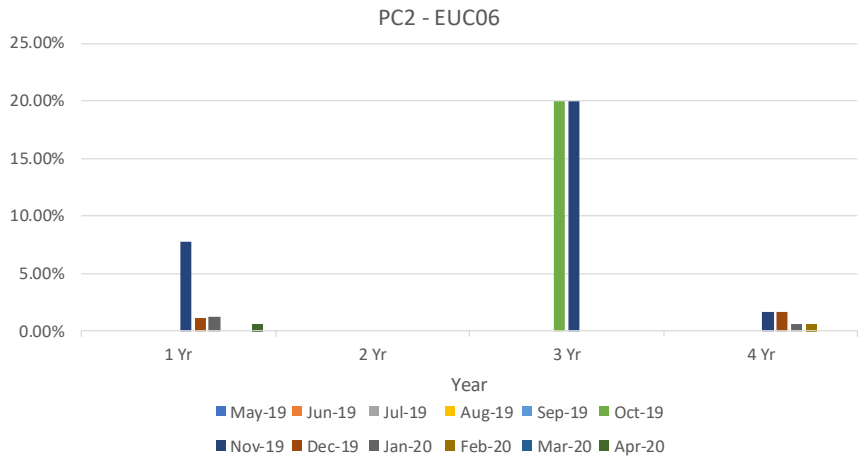
2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 2

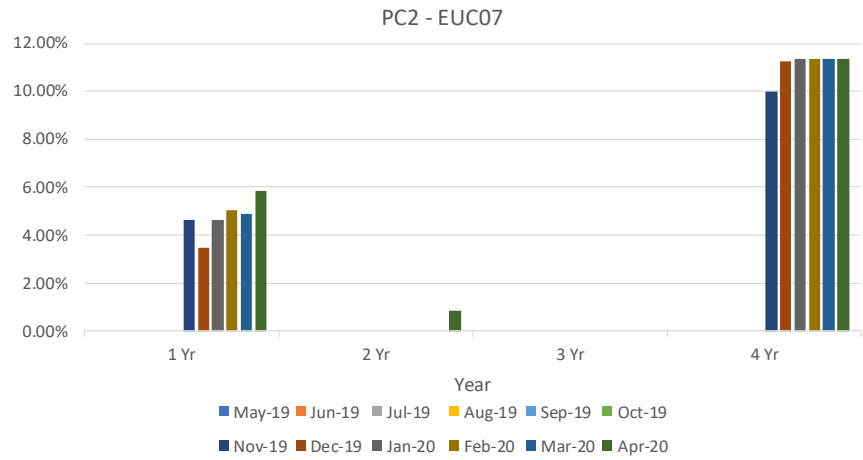


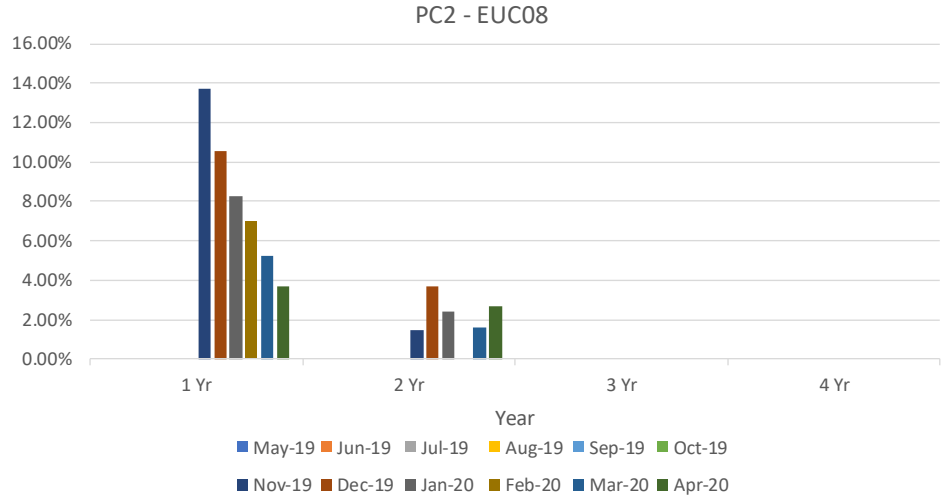


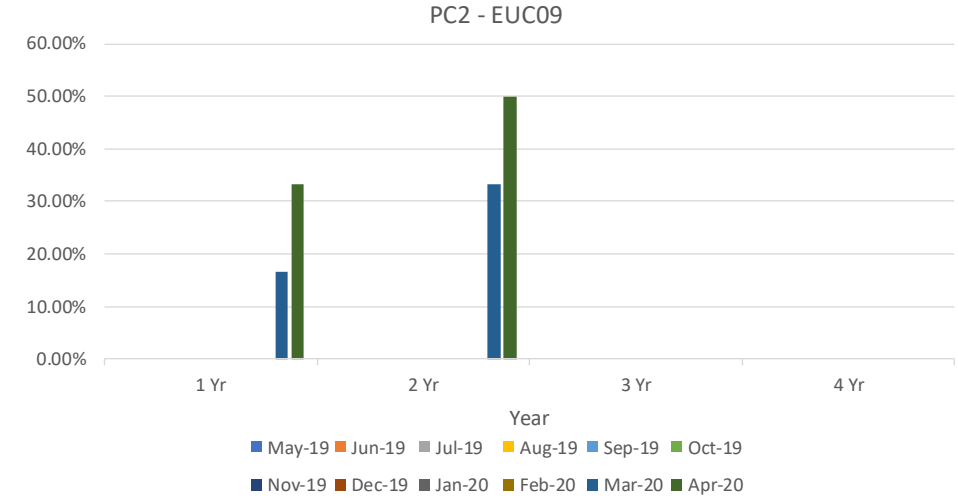


2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 2

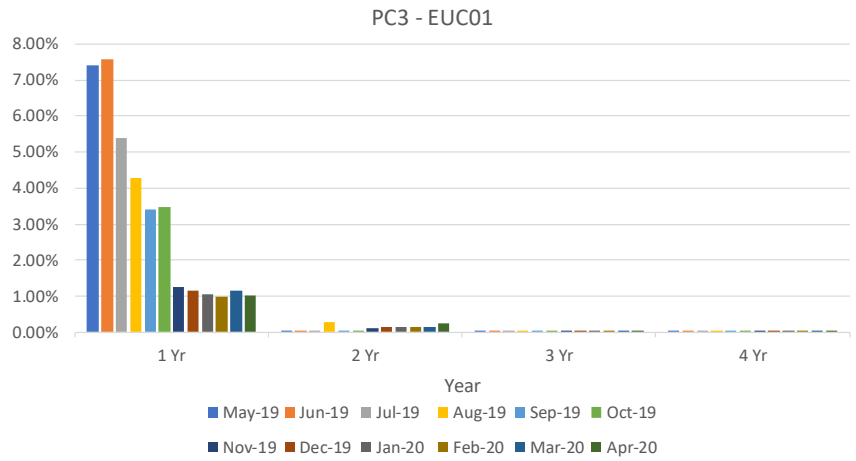


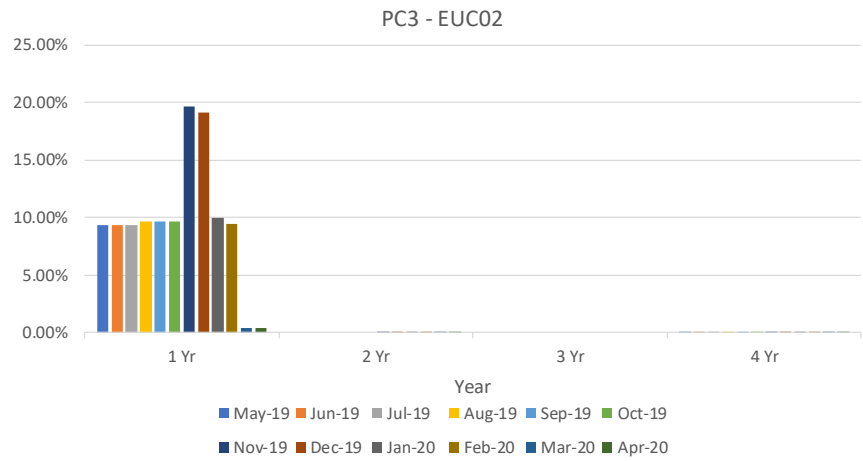


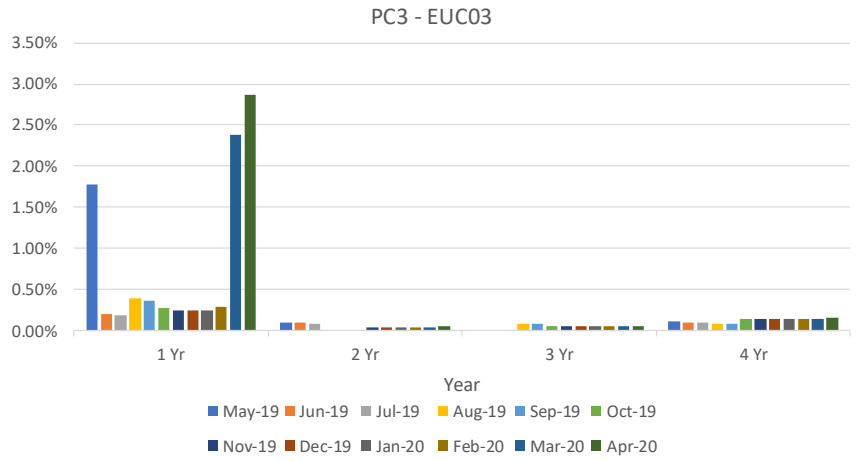


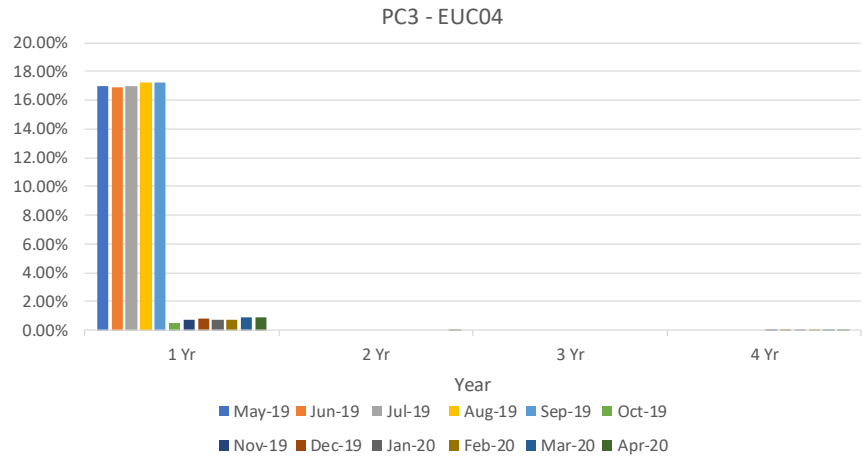


2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 3

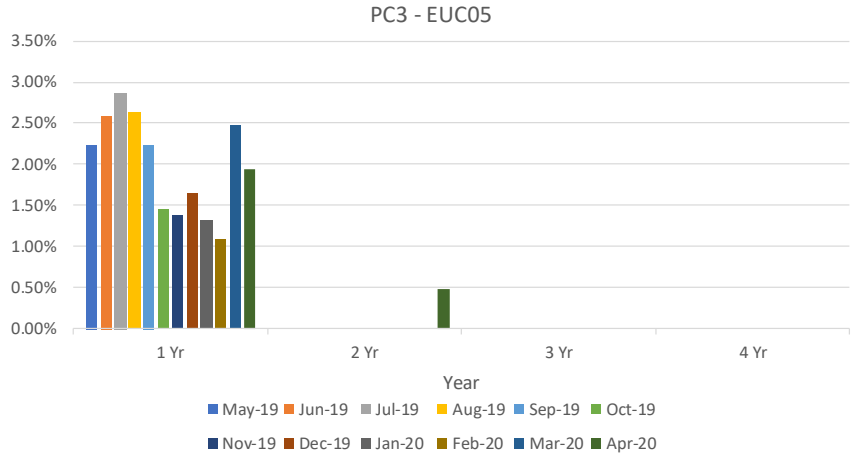


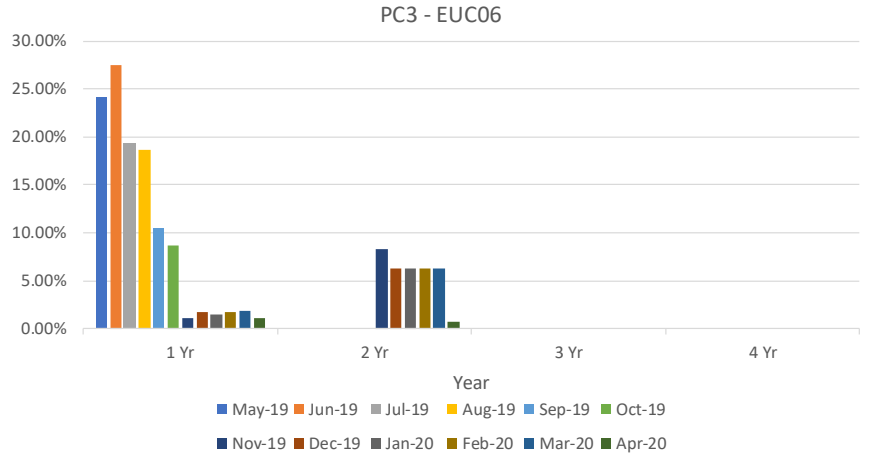


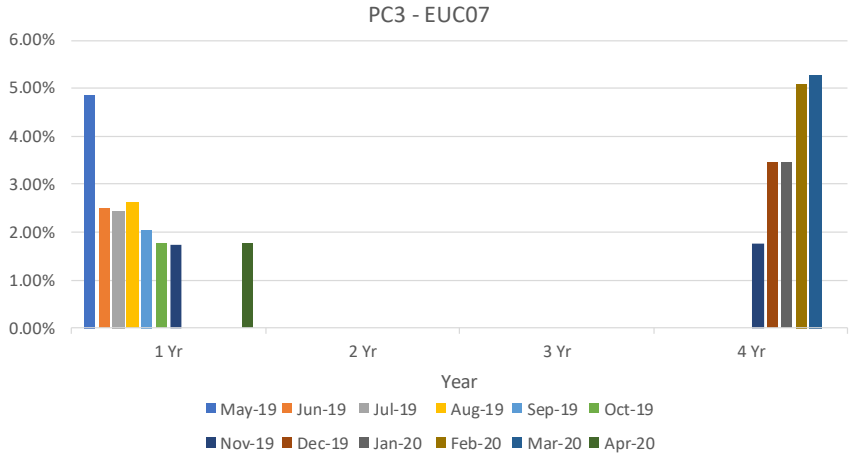


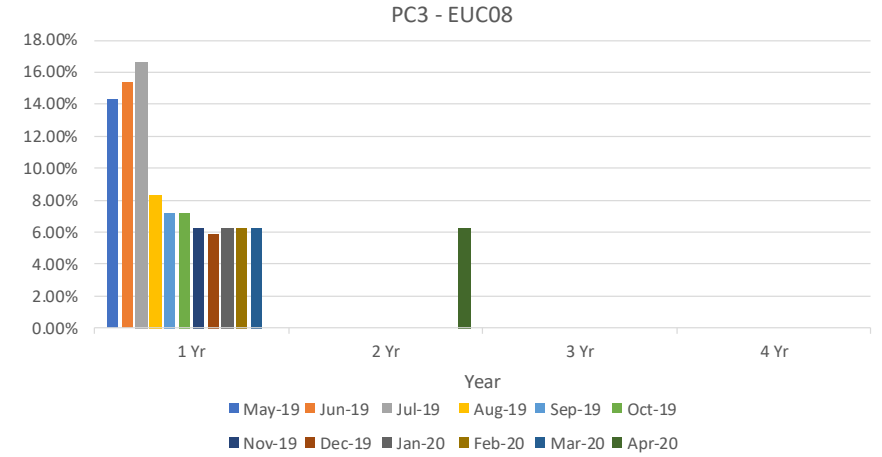


2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 3

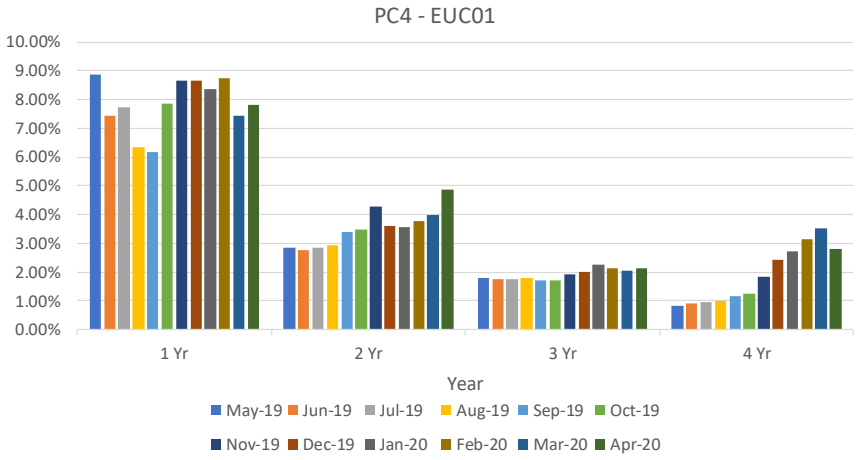


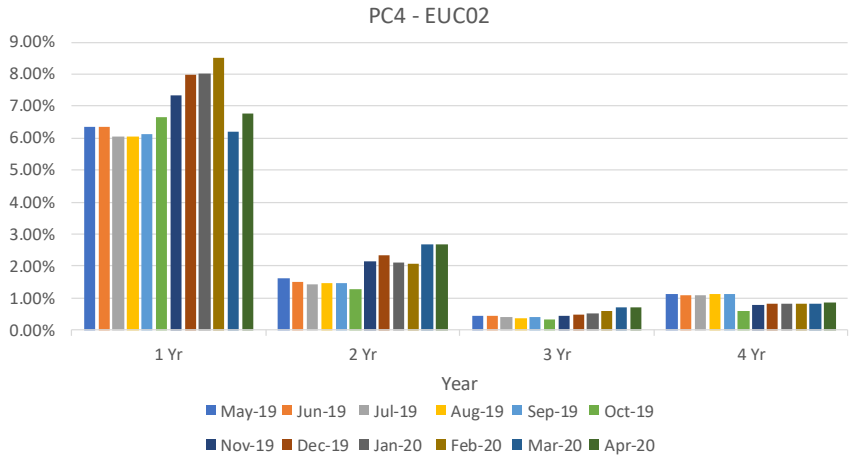


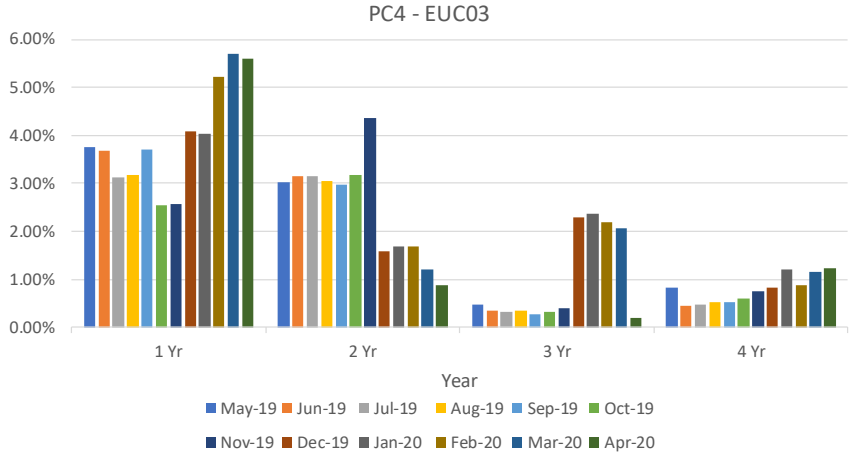




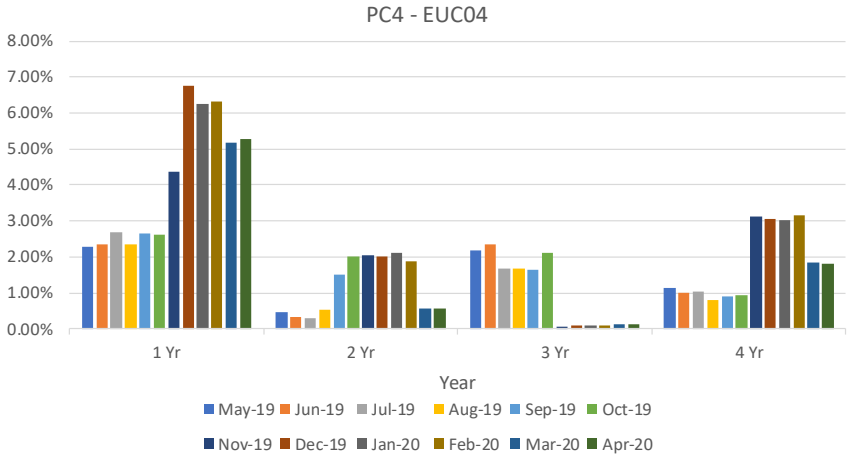
2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4

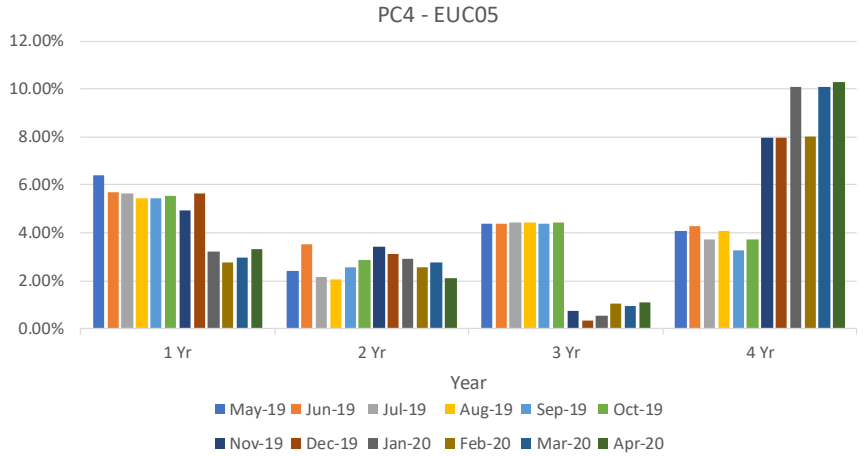


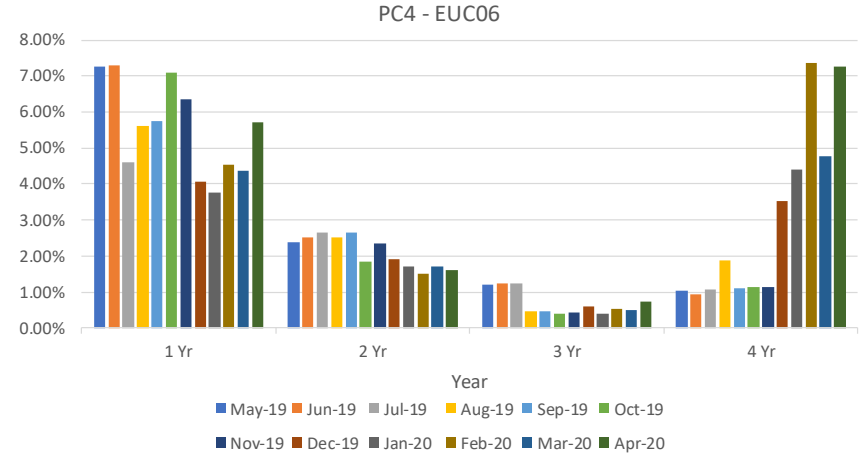




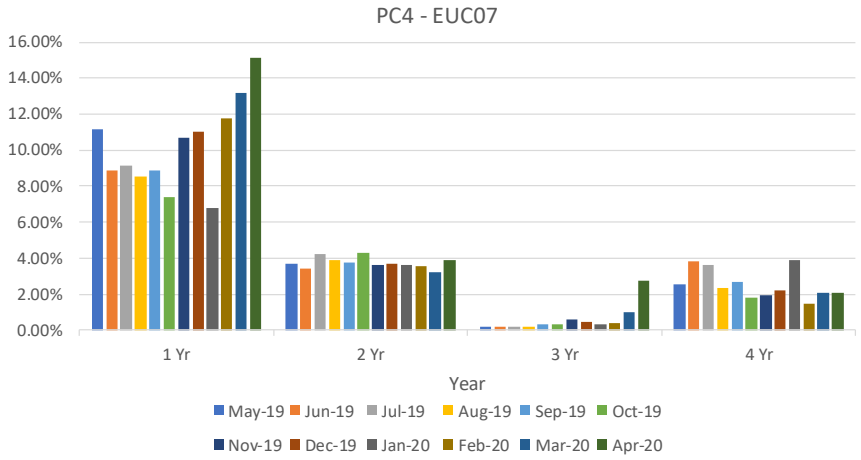
2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4

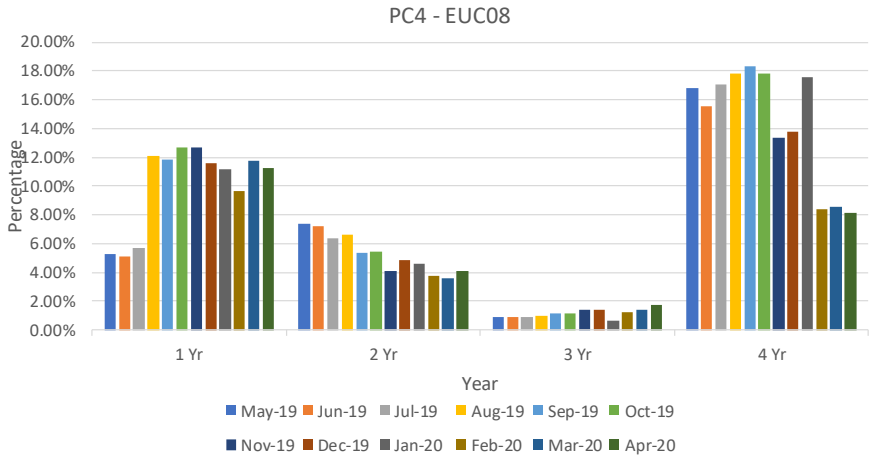


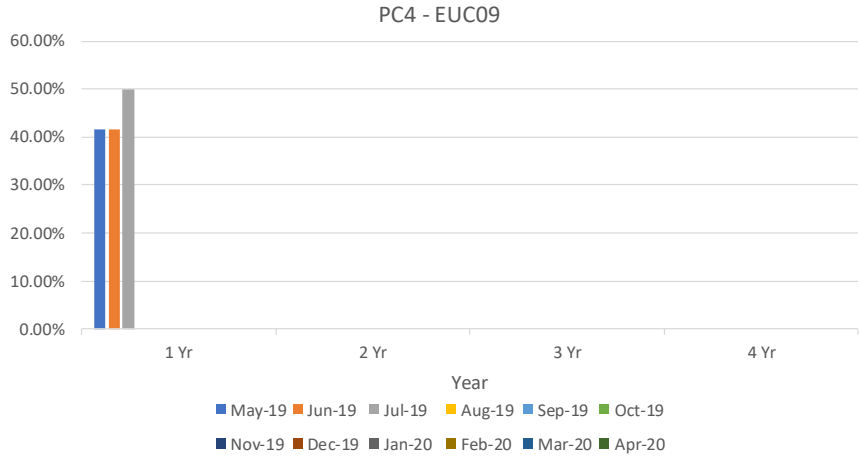




2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4







2A.8 AQ Correction by Reason Code

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

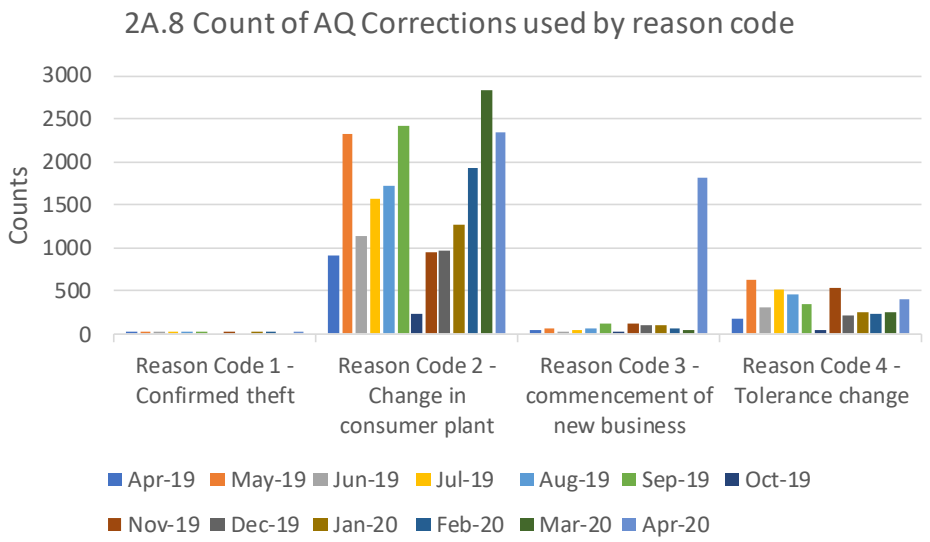
Changes in total number of AQ corrections used

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

Reason Code 02- Change in Consumer Plant
↑ 13674 Monthly Change
↑ 15608 Annual Change

Reason Code 03- Commencement of New Business
↑ 1756 Monthly Change
↑ 1760 Annual Change

Reason Code 04- Tolerance Change
↑ 152 Monthly Change
↑ 225 Annual Change



Observations:

- Change in consumer plants continues to account for the highest proportion of AQ corrections.
- Change in consumer plant spiked in December 2019 & April 2020 due to individual Shipper performance (excluded from graph) – working with CAM on resolution

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

↑ 155 Monthly Change
↓ 656 Annual Change

EUC07

↑ 4 Monthly Change
↑ 12 Annual Change

EUC05

↓ 5 Monthly Change
↓ 120 Annual Change

EUC08

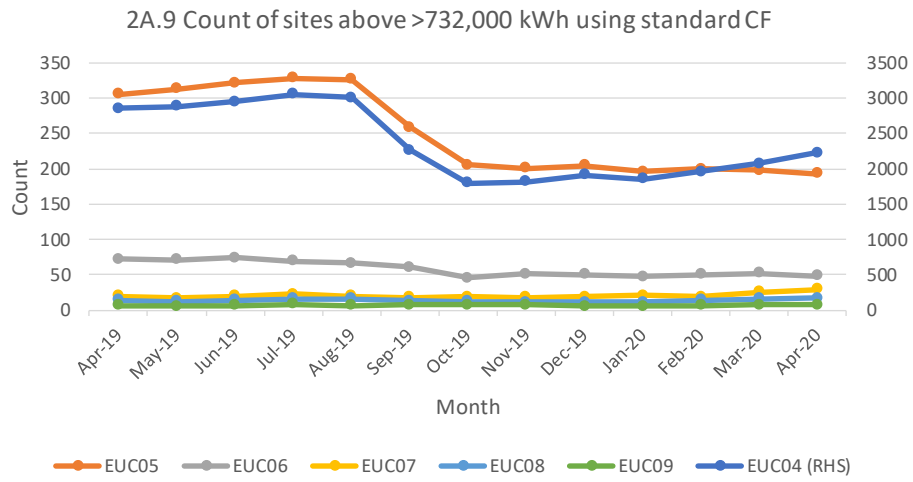
↑ 1 Monthly Change
↑ 5 Annual Change

EUC06

↓ 4 Monthly Change
↓ 23 Annual Change

EUC09

No Monthly Change
↑ 2 Annual Change



Observations:

- EUC04 continues to have a significantly higher number of standard correction factors used compared to other EUC bands.

- The use of standard correction factors has decreased significantly since October 2018, which appears to be on an upward trend due to Shipper specific behaviour – working with CAMs in this area

2A.10 Replaced Meter Reads

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

EUC01

↑ 67630 Monthly Change
↑ 261801 Annual Change

EUC02

↓ 362 Monthly Change
↓ 585 Annual Change

EUC03

↓ 42 Monthly Change
↓ 148 Annual Change

EUC04

↓ 9 Monthly Change
↑ 64 Annual Change

EUC05

↓ 23 Monthly Change
↓ 30 Annual Change

EUC06

↑ 2 Monthly Change
↑ 5 Annual Change

EUC07

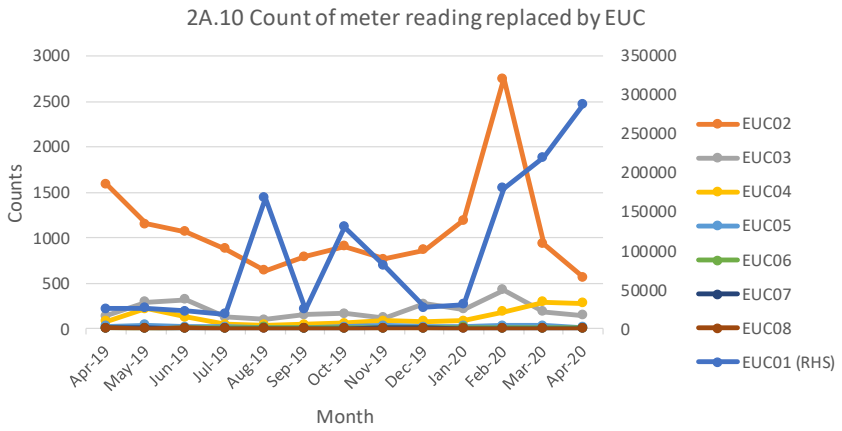
↓ 2 Monthly Change
↓ 5 Annual Change

EUC08

↑ 3 Monthly Change
No Annual Change

EUC09

No data recorded



Observations:

- EUC01 has seen spikes in the number of replaced meter reads in August and October 2019.

- Since January 2020, there has been and upward trend in the number of replaced meter reads, a result of several Shipper's cleansing their portfolios.

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, andconsumption 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

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