



CHORUS OPEN ACCESS DEEDS OF UNDERTAKING

KEY PERFORMANCE INDICATORS REPORTING

NOVEMBER 2017

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OVERVIEW OF THE REPORT

Chorus is committed to being an open access wholesaler. This includes a commitment to provide products on a non-discriminatory or equivalence of inputs (EOI) basis.

This report presents Key Performance Indicators (KPI) to demonstrate Chorus' compliance with its non-discrimination and EOI commitments for the provisioning and restoration of Chorus products. This report is provided in accordance with clauses 14.5 of our Fibre and Copper Open Access Deeds of Undertakings **and clause 14.6 of our UFB2 Deed of Undertaking** Commitments ("the Deeds")

This is the 23rd KPI report to be published by Chorus.

The KPI report is one part of our wider compliance programme, which includes quarterly surveys of our customers and service level reporting. Service level reports can be found here:

<http://www.chorus.co.nz/performance-reporting>

New Link

<https://company.chorus.co.nz/our-network/about-our-network/network-reporting/key-performance-indicators>

Chorus meets with the Commission every quarter to discuss Chorus' compliance with the Deeds.

Report Results

For the measurements and products included in this report, the measurements indicate that Chorus is meeting its EOI and non-discrimination commitments.

While there are minor variations between customers for some products and for some metrics, these variations are within the normal range for these metrics and do not give rise to EOI or non-discrimination issues. The reasons for these variations are explained in the Results Overview section.

While this report cannot be directly compared to Chorus' operational reports, this report and the service level report both confirm that Chorus is meeting its service level commitments.

Report Period

This report covers three reporting periods:

- 1 February 2017 to 30 April 2017 (Quarter 1)
- 1 May 2017 to 31 July 2017 (Quarter 2)
- 1 August 2017 to 31 October 2017 (Quarter 3)

Measures

There have been no changes to the way we have approached the KPI report for this quarter. This means that for this quarter, for products which have met the volume threshold, we have reported the following non-discrimination and EOI measures:

Provisioning Metrics	Met Commit Rate	Did Chorus install the service when we said we would (reported as %).
	Right First Time	Were there any faults with the service within 7 calendar days of it being provisioned (reported as %).
	Time to Complete	From the time we received the order, how long did it take us to give service (reported as working hours, 9 hours per day)
Restoration Metrics	Met Commit Rate	Did we repair the service when we said we would (reported as %).
	Repeat Fault Rate	Were there any subsequent faults raised within 7 days (calendar days excluding national holidays) of the fault being restored (reported as %).
	Time to Complete	<p>From the time we received the problem ticket, how long did it take for us to restore service (reported as working hours, 12 hours per day)</p> <p>This includes all transactions where a customer requested a fault to be fixed “ASAP” and also future dated orders.</p>

Volume Threshold

We have reported on products which meet the following volume threshold for each metric:

- At least two customers ordered the product (or had product faults); and
- A minimum of five orders per customer are ordered for the quarter (or a minimum of five product faults were raised per customer for the quarter).

A product will need to meet this threshold for all of the reporting months in order to be represented. Some products may meet the volume threshold for some measurements and not others.

Selection of Customer Data

For each measurement, we have reported on the top five customers by volume (either in terms of orders or faults) where the volume threshold has been met for three consecutive reporting periods.

This data is presented on an anonymous basis. The anonymous label given to a particular customer will vary between different metrics (i.e. "Customer A" will not always be the same customer).

This quarterly KPI report includes the top five by volume at quarter ending 31st October 2016. This means that top five customers in this report, and the order in which they are shown, may differ from all three reporting periods contained in the August 2016 report.

For provisioning measures, the data will be added to the quarter in which service was given. There are instances where the service is provided before the 'service given date' in our provisioning systems. Where this occurs, the service given date is updated manually and can result in changes to data from previous quarters. For restoration measures, the data will be added to the quarter in which the order was closed.

Results Overview

For the measurements and products included in this report, the measurements indicate that Chorus is meeting its EOI and non-discrimination commitments.

This report does show minor variations between customers for some products and for some metrics. We think that these variations are within the normal range for these metrics and do not give rise to EOI or non-discrimination issues.

Throughout the report, we include specific commentary where the variation may be meaningful. However, there are also some general reasons why there may be natural variations between customers month-on month. We explain these below.

Provisioning

There are a number of factors that may impact provisioning measurements and lead to variations between customers. These include:

- **Volume impact on systems:** bulk orders placed in significant volumes can cause Chorus' systems to slow down and can require manual intervention. While orders are still dealt with on a "first in first out basis", the slowing of the systems and the manual intervention could impact both the customer who has placed the bulk order and other customers placing an order around the same time;
- **Volume impact of service Company:** if Chorus receives a bulk order that has not been forecast, this can mean that the work schedule is full to capacity. If this happens, any delay due to a technician managing a complex order can have a flow on impact for subsequent orders. This can have some impact on orders placed by other customers in the same time period;
- **Chorus team factors:** fluctuations in the availability of trained team members (e.g. due to unplanned events or sickness) can result in some orders having different completion times, depending on the number of orders placed. Team resource is however planned to meet committed provisioning timeframes;
- **Geographic:** if a customer does a promotion in a particular geographic area, this may mean that their order volumes can be concentrated in that particular region. These volumes and the Chorus team factors can result in minor differences in time to serve. In addition there may be fewer technicians available in rural areas as opposed to urban ones, which may affect the Time to Complete metric in some areas; and
- **Customer factors:** there are a number of factors that fall outside Chorus' control. For example, a transfer that involves number portability can delay Chorus' ability to complete the order if the porting does not happen within expected timeframes. Errors in order entry can also impact Chorus' delivery.

Restoration

There are a number of factors that may impact restoration measurements and lead to variations between customers. These include:

- **Weather events:** weather events can increase fault volumes and impact Chorus' ability to fix faults. For example, heavy rain limits Chorus' ability to open the network without damaging the copper;
- **Chorus team factors;** Chorus uses a number of service Company. Service Company have different processes and operating models which can cause variations in fault restoration. While this does not impact service Company meeting the committed restoration targets, it can result in slightly different timeframes. Therefore if one customer has faults more in one particular region than another, this can result in minor variations in the restoration timeframes ; and;
- **Customer factors:** there are a number of factors that fall outside Chorus' control. This can include customer diagnosis of faults not always being correct. Often fault restoration can require a customer's faults personnel to complete work, and timeframes can be subject to their availability.

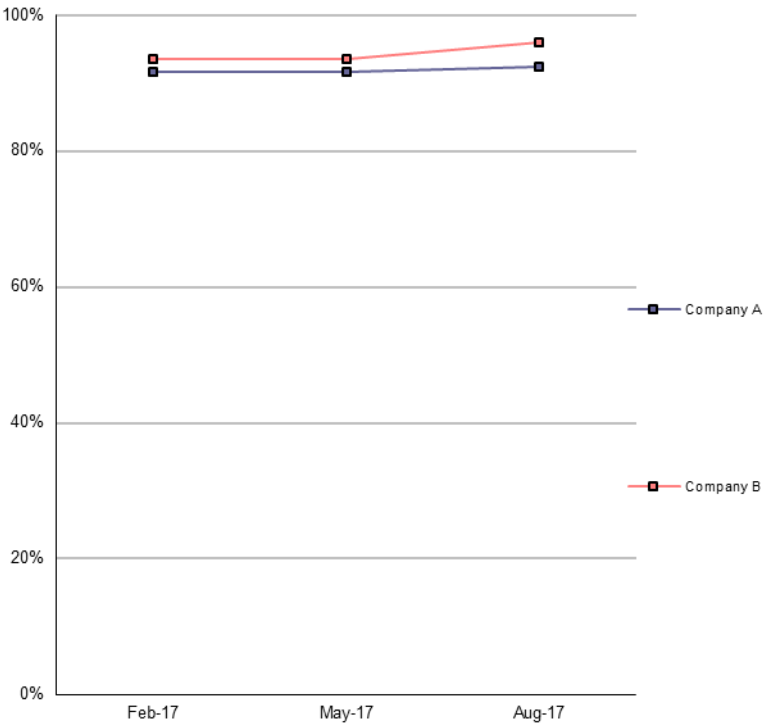
Chorus continues to have a large programme of work underway to continually improve our restoration performance. This includes initiatives targeting reducing Repeat Fault Rate s, a nationwide reactive maintenance programme, and ongoing customer training for fault diagnosis and management.

EQUIVALENCE OF INPUTS REPORTING

BASEBAND COPPER - PROVISIONING METRICS

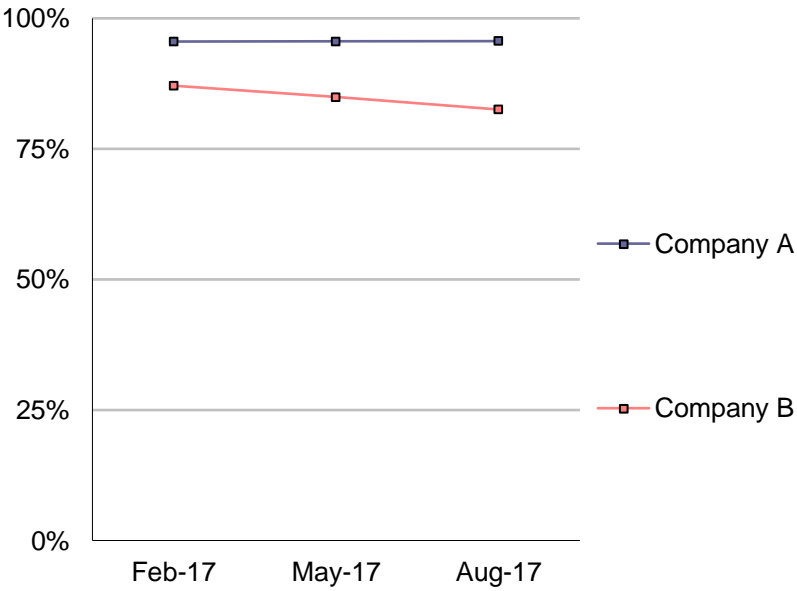
Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	92%	92%	92%
Company B	94%	94%	96%



Right First Time

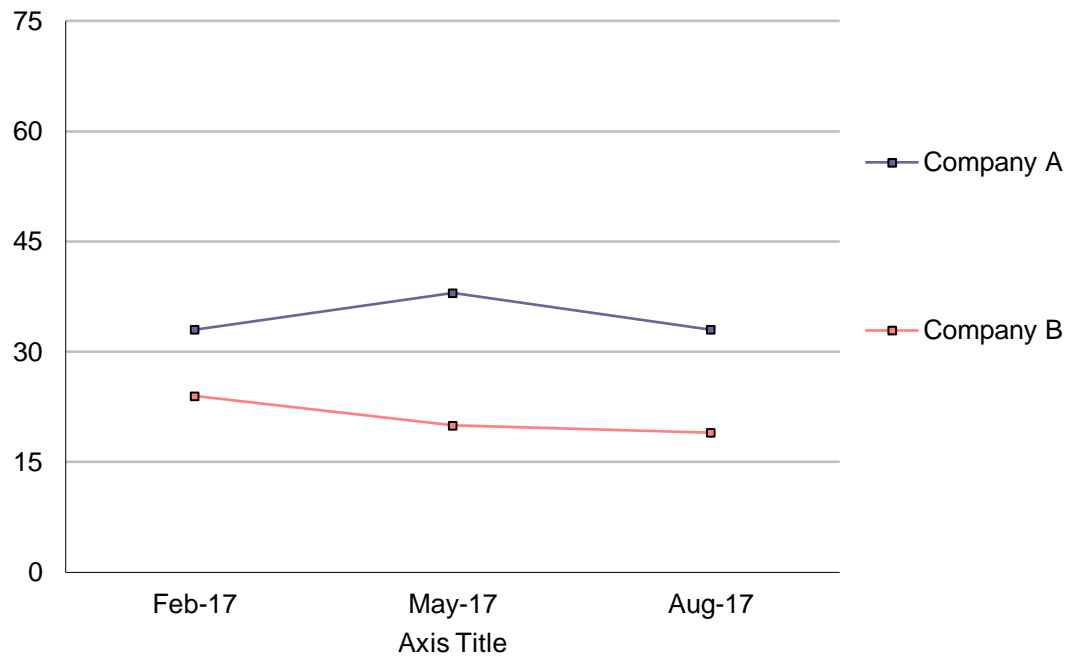
	Feb-17	May-17	Aug-17
Company A	96%	96%	96%
Company B	87%	85%	83%



Company B is impacted by ordering behaviour.

Time to Complete

	Feb-17	May-17	Aug-17
Company A	33	38	33
Company B	24	20	19

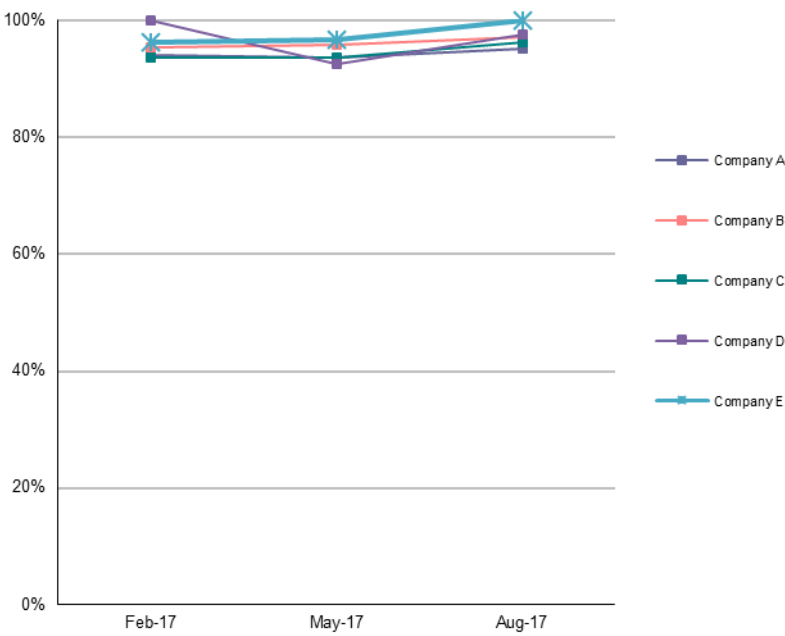


Company A’s result was affected by customer availability, site readiness, ordering behaviour and network capacity.

BASEBAND COPPER - RESTORATION METRICS

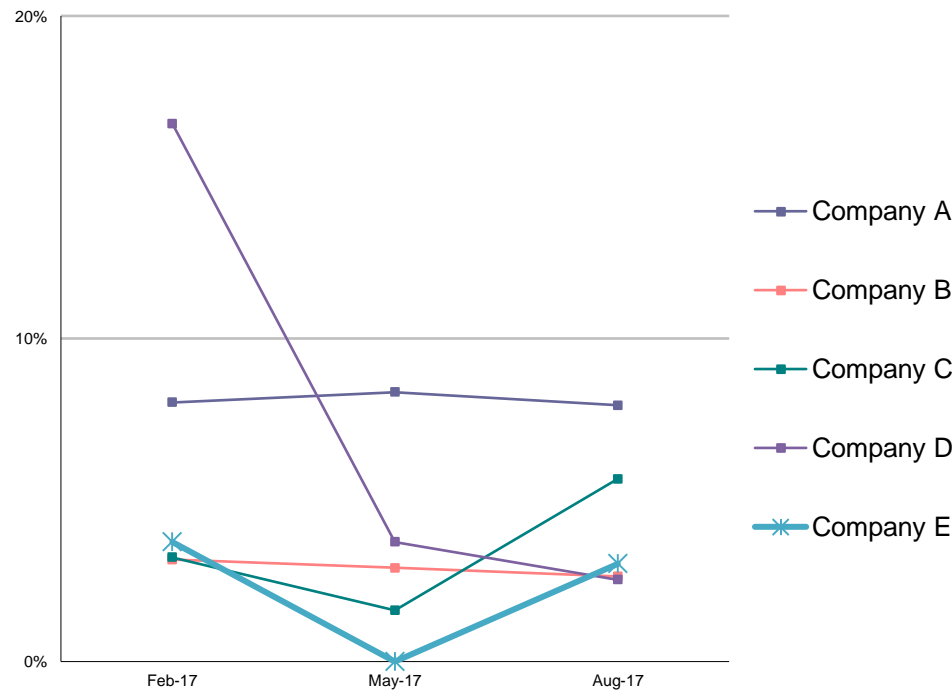
Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	94%	94%	95%
Company B	95%	96%	97%
Company C	94%	94%	96%
Company D	100%	93%	97%
Company E	96%	97%	100%



Repeat Fault Rate

	Feb-17	May-17	Aug-17
Company A	8%	8%	8%
Company B	3%	3%	3%
Company C	3%	2%	6%
Company D	17%	4%	3%
Company E	4%	0%	3%

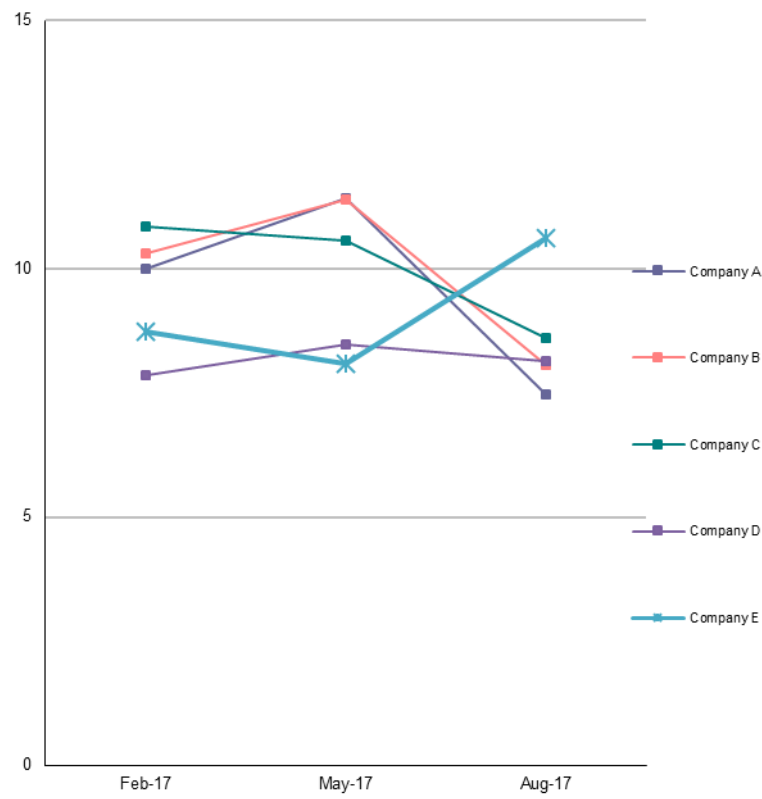


Company A is affected by fault complexity.

BASEBAND COPPER - RESTORATION METRICS

Time to Complete

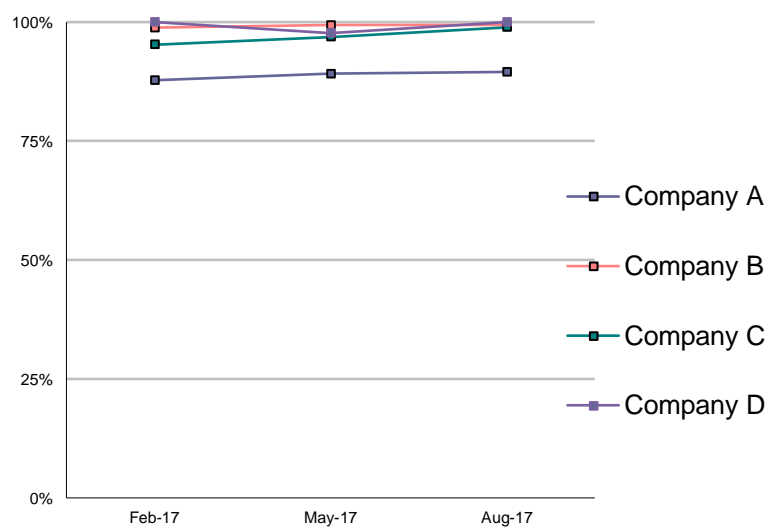
	Feb-17	May-17	Aug-17
Company A	10	11	7
Company B	10	11	8
Company C	11	11	9
Company D	8	8	8
Company E	9	8	11



BASEBAND COPPER WITH UBA - PROVISIONING METRICS

Met Commit Rate

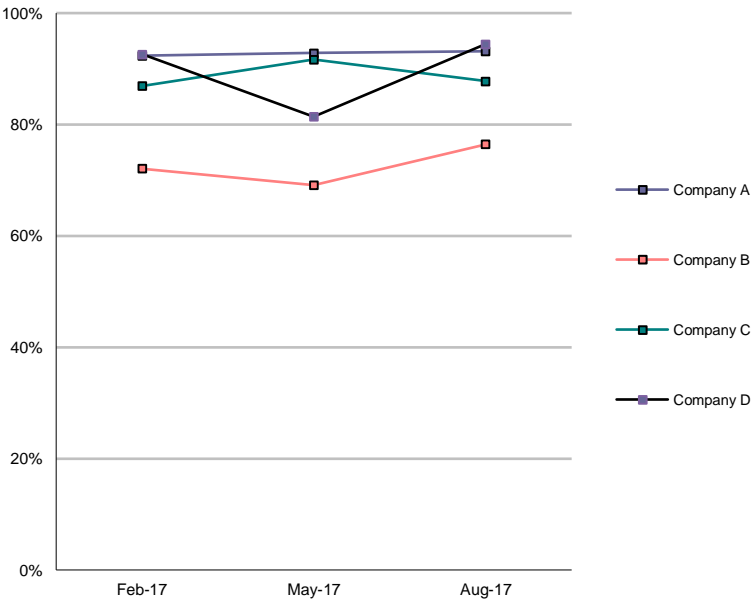
	Feb-17	May-17	Aug-17
Company A	88%	89%	90%
Company B	99%	99%	99%
Company C	95%	97%	99%
Company D	100%	98%	100%



Company A's result was affected by ordering behaviour and site readiness issues.

Right First Time

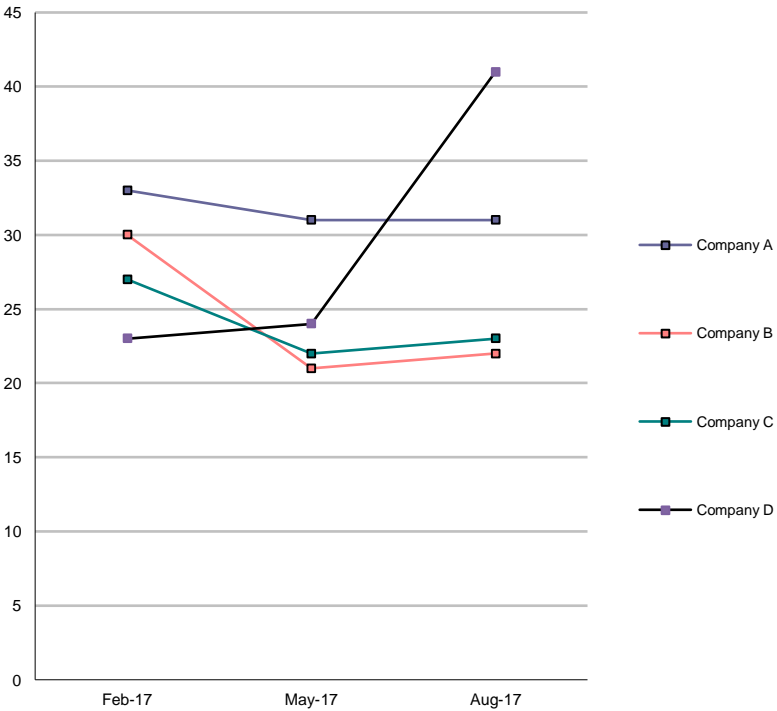
	Feb-17	May-17	Aug-17
Company A	92%	93%	93%
Company B	72%	69%	76%
Company C	87%	92%	88%
Company D	93%	81%	94%



Company B and C are affected by their ordering behaviour and troubleshooting practices.

Time to Complete

	Feb-17	May-17	Aug-17
Company A	33	31	31
Company B	30	21	22
Company C	27	22	23
Company D	23	24	41

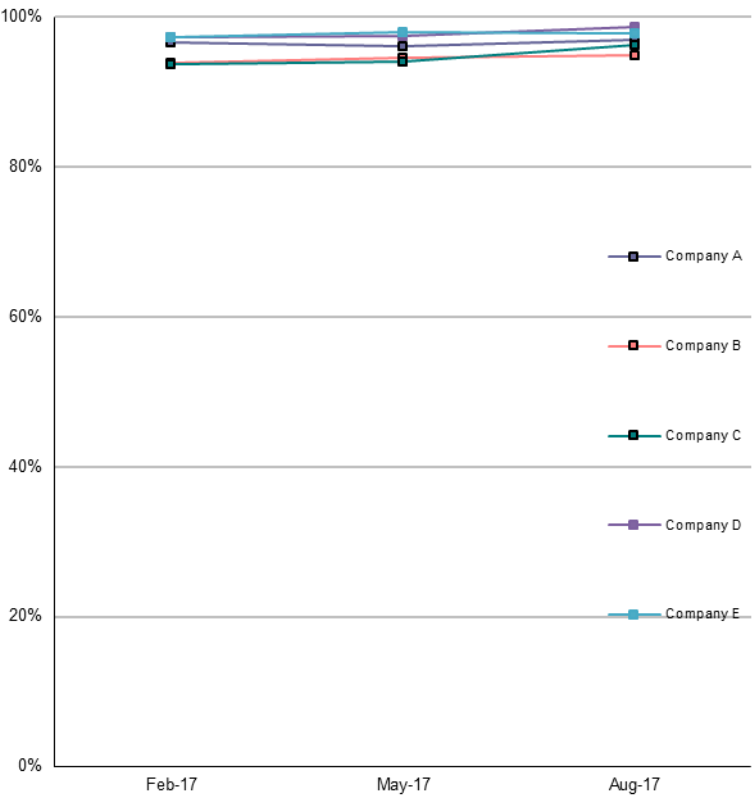


Company D’s result was affected by their ordering behaviour.

BITSTREAM 2 - PROVISIONING METRICS

Met Commit Rate

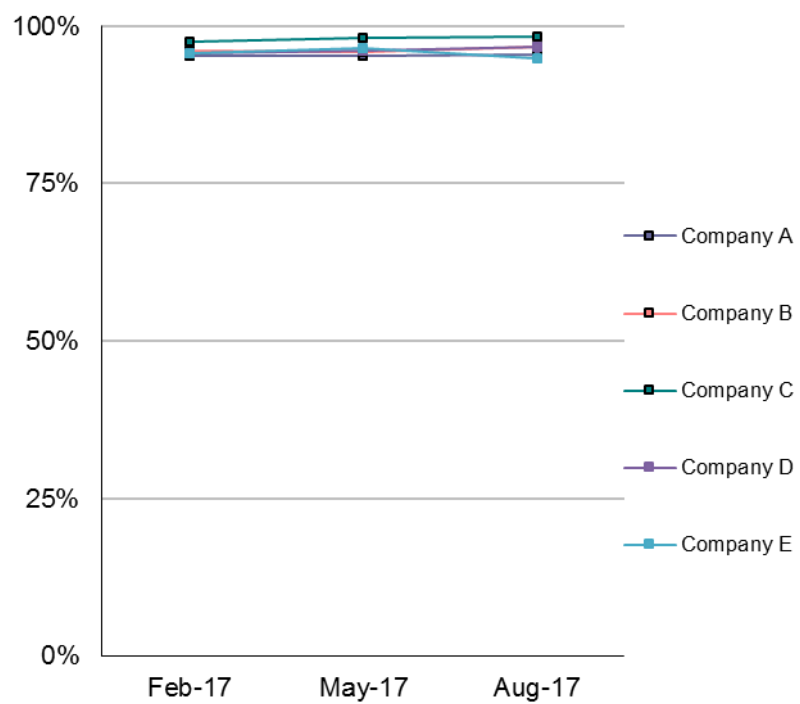
	Feb-17	May-17	Aug-17
Company A	97%	96%	97%
Company B	94%	95%	95%
Company C	94%	94%	96%
Company D	97%	97%	99%
Company E	97%	98%	98%



NGA BITSTREAM 2 - PROVISIONING METRICS

Right First Time

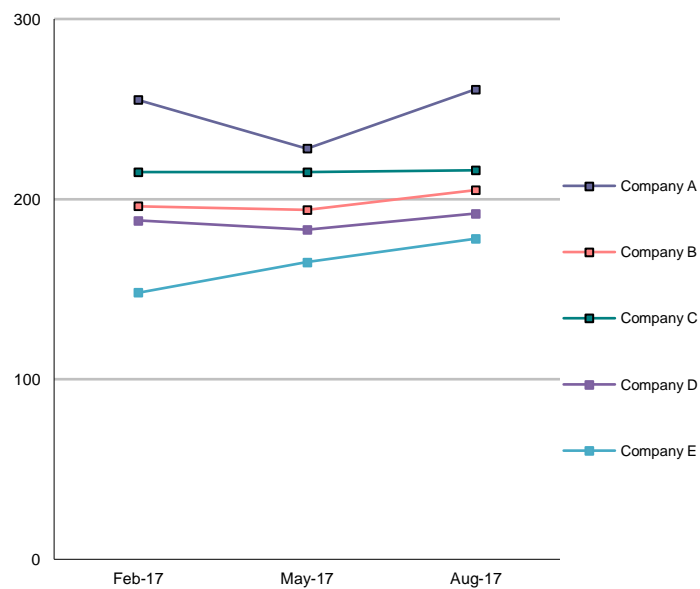
	Feb-17	May-17	Aug-17
Company A	95%	95%	96%
Company B	96%	96%	97%
Company C	97%	98%	98%
Company D	96%	96%	97%
Company E	96%	96%	95%



NGA BITSTREAM 2 - PROVISIONING METRICS

Time to Complete

	Feb-17	May-17	Aug-17
Company A	255	228	261
Company B	196	194	205
Company C	215	215	216
Company D	188	183	192
Company E	148	165	178

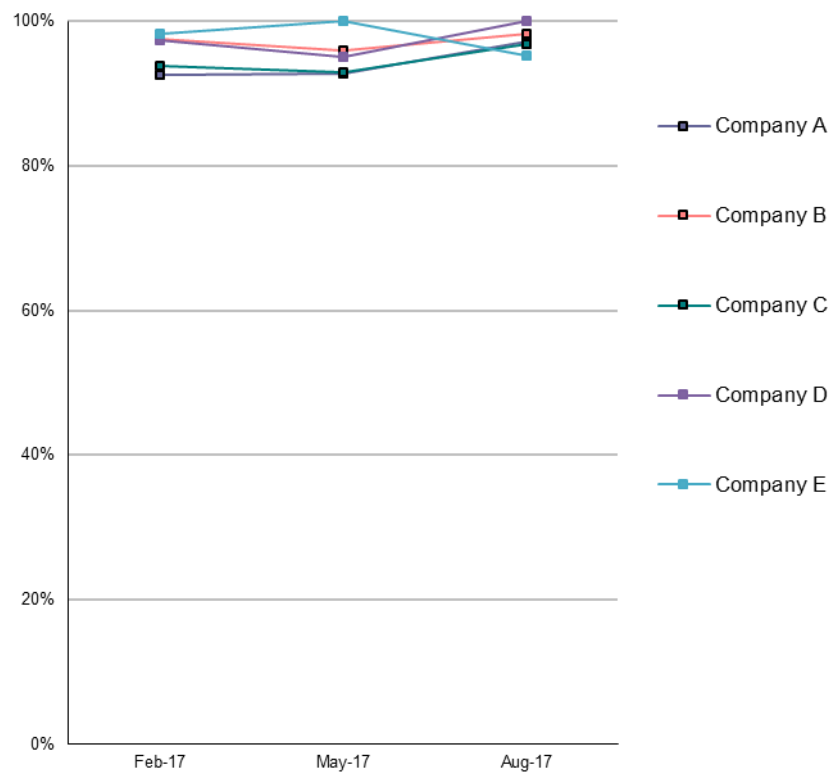


Variation in this metric was primarily due to the consenting process and order complexity.

GIGNATION RESIDENTIAL - PROVISIONING METRICS

Met Commit Rate

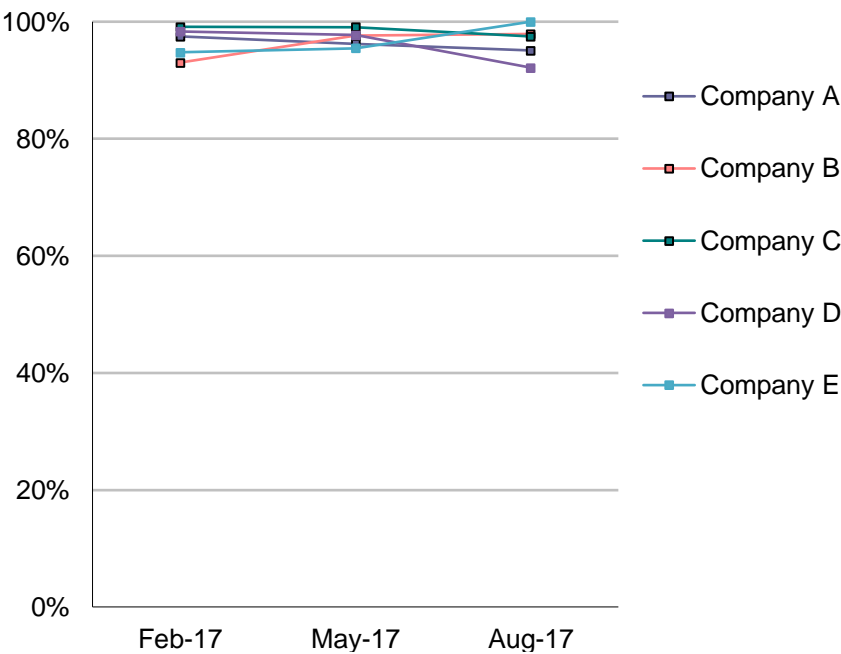
	Feb-17	May-17	Aug-17
Company A	93%	93%	97%
Company B	98%	96%	98%
Company C	94%	93%	97%
Company D	97%	95%	100%
Company E	98%	100%	95%



GIGNATION RESIDENTIAL - PROVISIONING METRICS

Right First Time

	Feb-17	May-17	Aug-17
Company A	97%	96%	95%
Company B	93%	98%	98%
Company C	99%	99%	97%
Company D	98%	98%	92%
Company E	95%	95%	100%

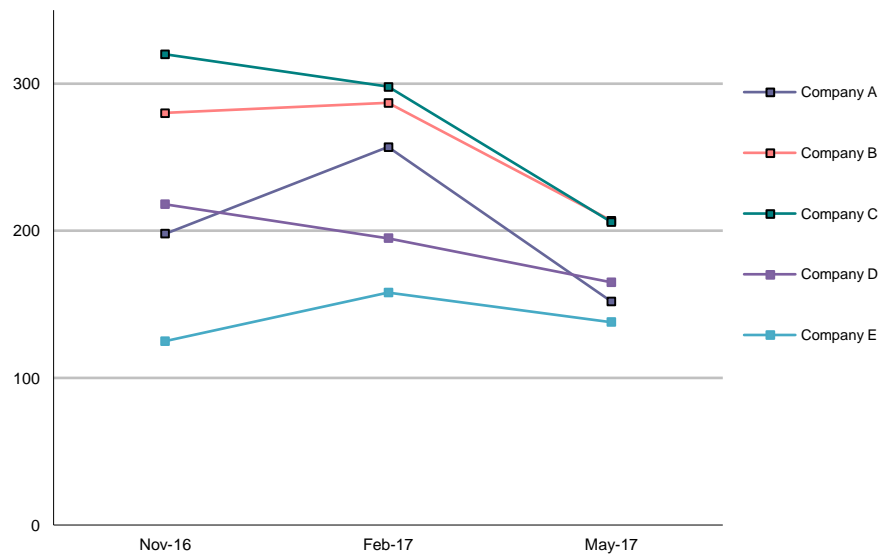


Variation in this metric for Customer D's result was affected by complexity of orders.

GIGNATION RESIDENTIAL - PROVISIONING METRICS

Time to Complete

	Feb-17	May-17	Aug-17
Company A	257	162	122
Company B	298	206	217
Company C	287	207	190
Company D	195	164	133
Company E	158	138	362

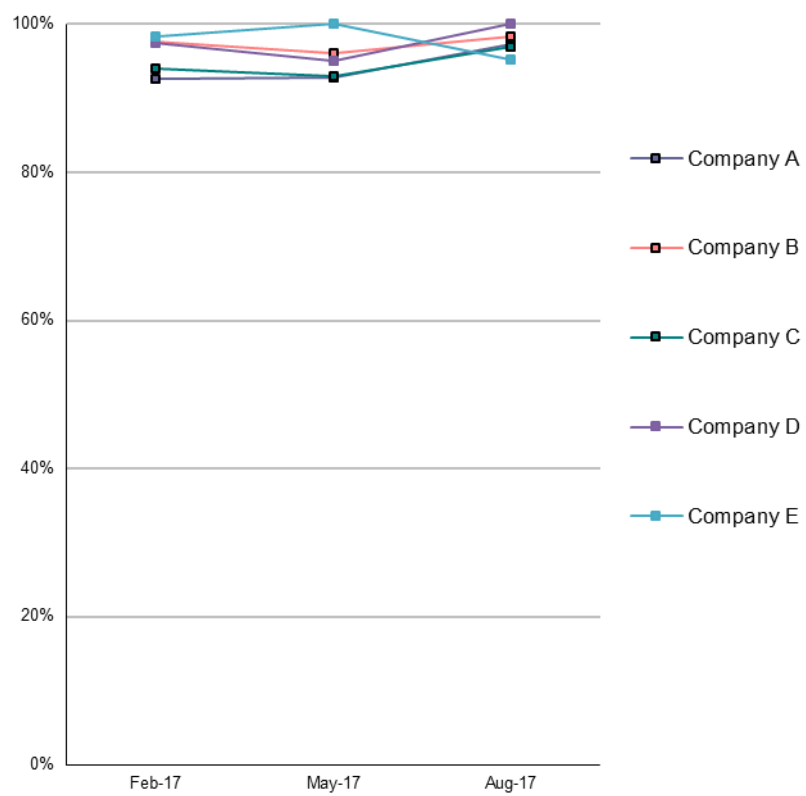


Variation in this metric was due to complexity of orders, approvals for access to poles required and customer delays.

GIGNATION CONSUMER

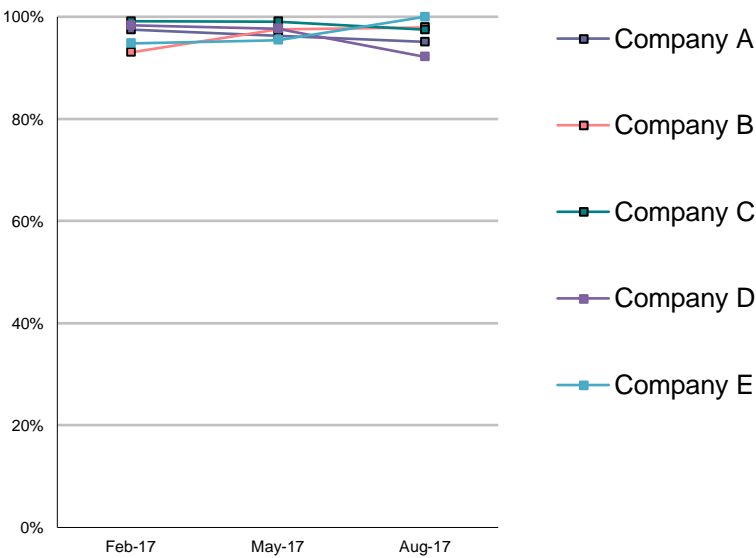
Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	93%	93%	97%
Company B	98%	96%	98%
Company C	94%	93%	97%
Company D	97%	95%	100%
Company E	98%	100%	95%



Right First Time

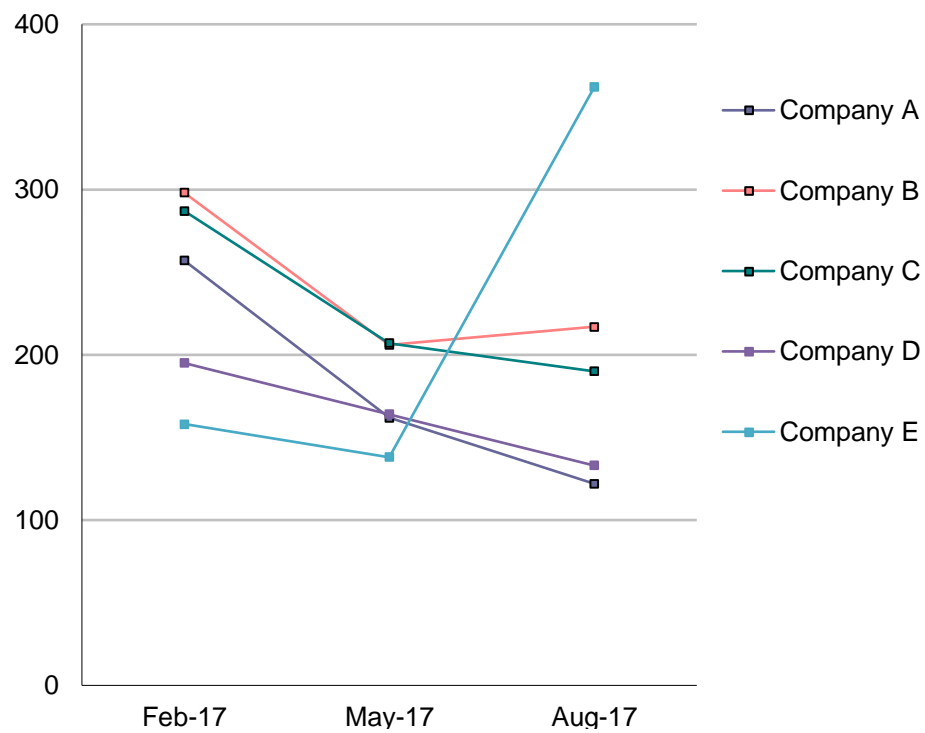
	Feb-17	May-17	Aug-17
Company A	97%	96%	95%
Company B	93%	98%	98%
Company C	99%	99%	97%
Company D	98%	98%	92%
Company E	95%	95%	100%



Company D's result was affected by Customer ordering behaviour.

Time to Complete

	Feb-17	May-17	Aug-17
Company A	257	162	122
Company B	298	206	217
Company C	287	207	190
Company D	195	164	133
Company E	158	138	362

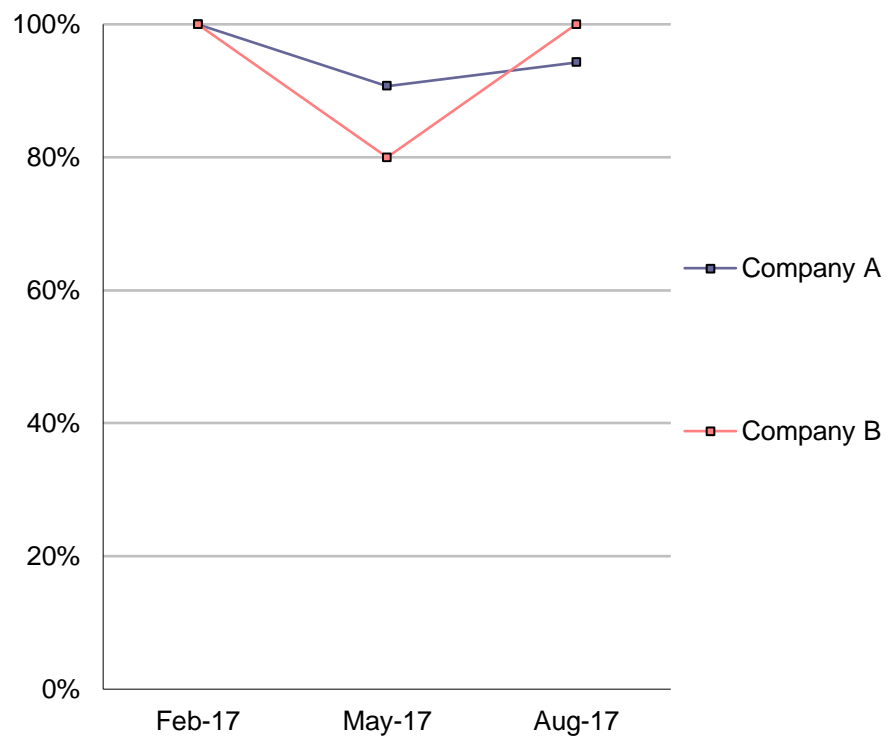


Variation in this metric was due to complexity of orders and customer delays.

GIGNATION -BUSINESS - PROVISIONING METRICS

Met Commit Rate

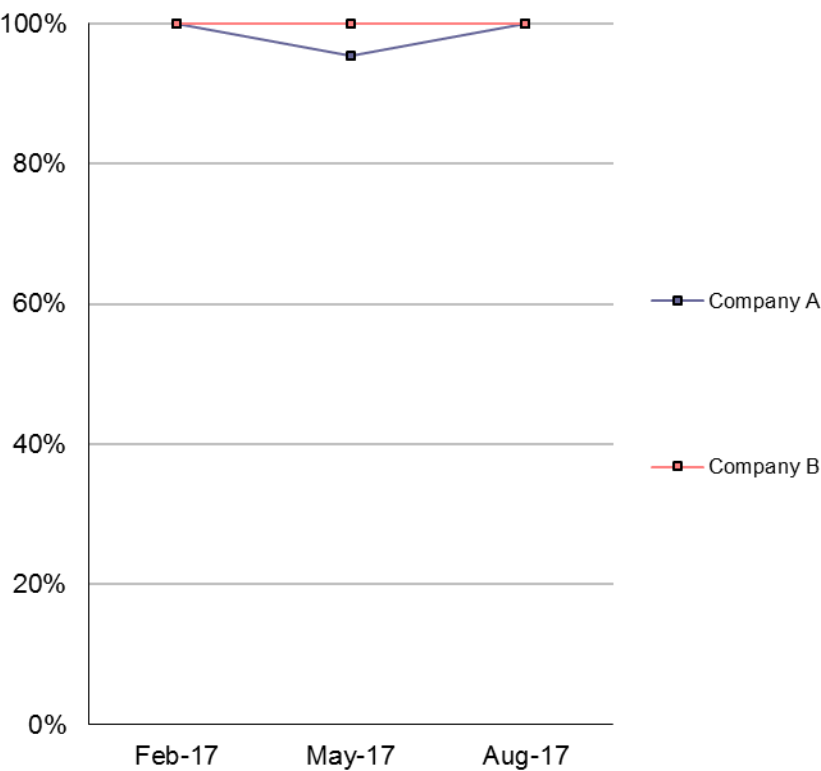
	Feb-17	May-17	Aug-17
Company A	100%	91%	94%
Company B	100%	80%	100%



Variation was due to ordering behaviour and Customer delays.

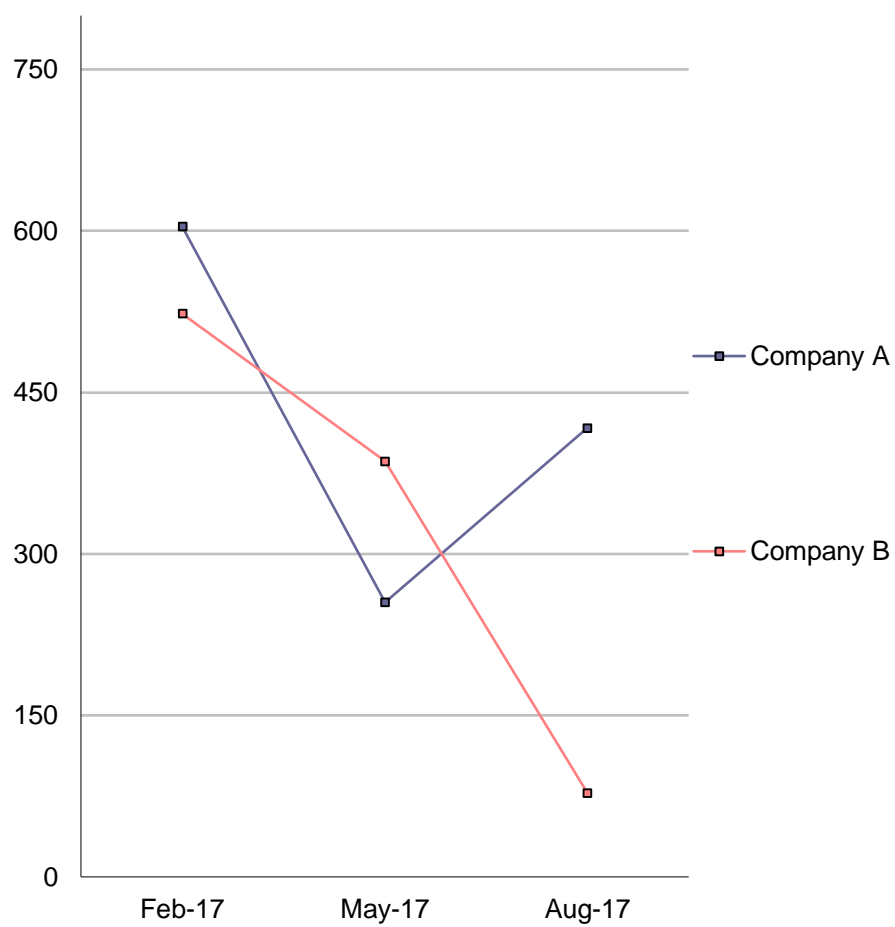
Right First Time

	Feb-17	May-17	Aug-17
Company A	100%	95%	100%
Company B	100%	100%	100%



Time to Complete

	Feb-17	May-17	Aug-17
Company A	604	255	417
Company B	523	386	78

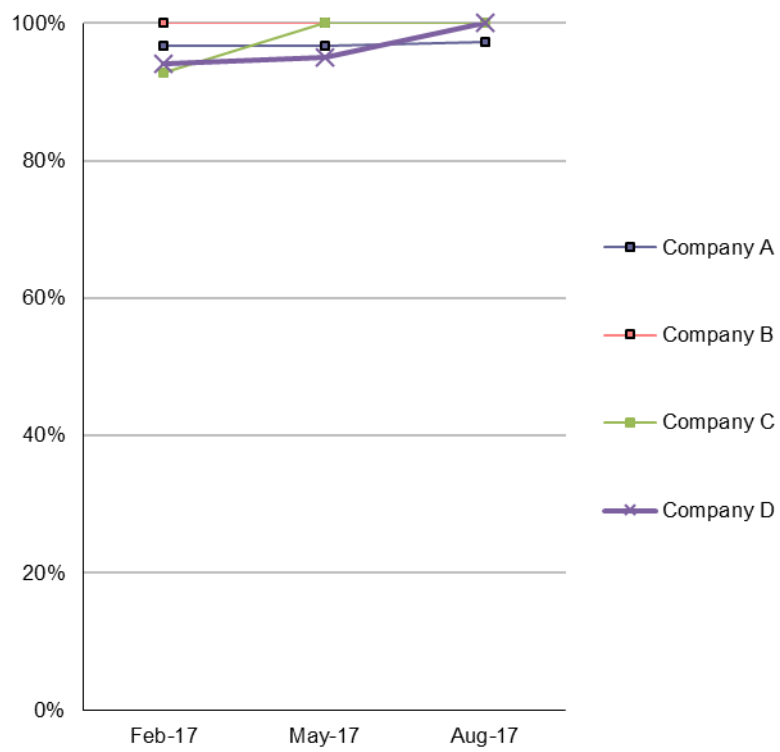


Variation for this metric was primarily due to complexity of orders and customer availability

NGA BITSTREAM 3 - PROVISIONING METRICS

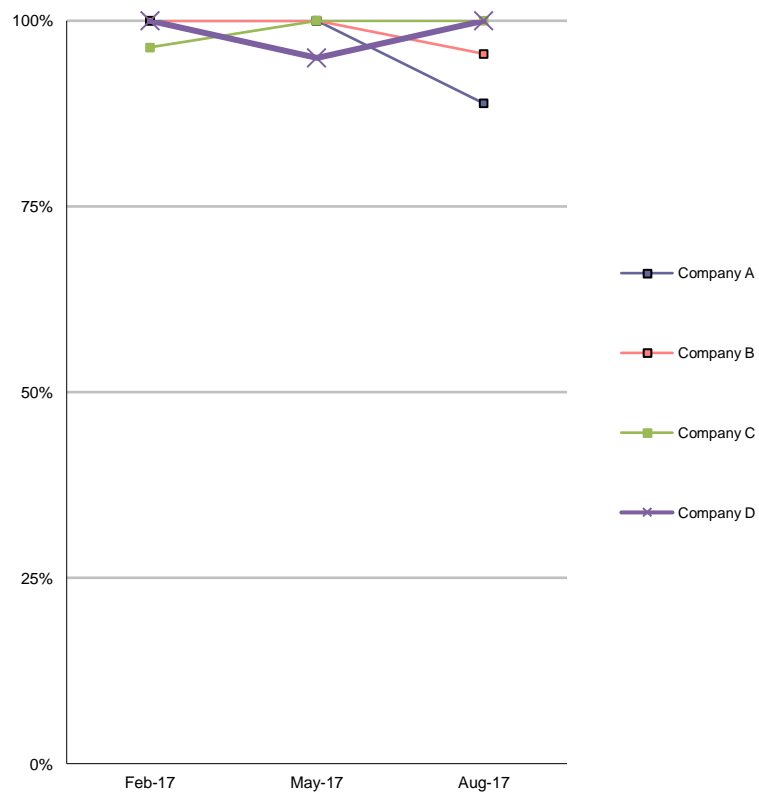
Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	97%	97%	97%
Company B	100%	100%	100%
Company C	93%	100%	100%
Company D	94%	95%	100%



Right First Time

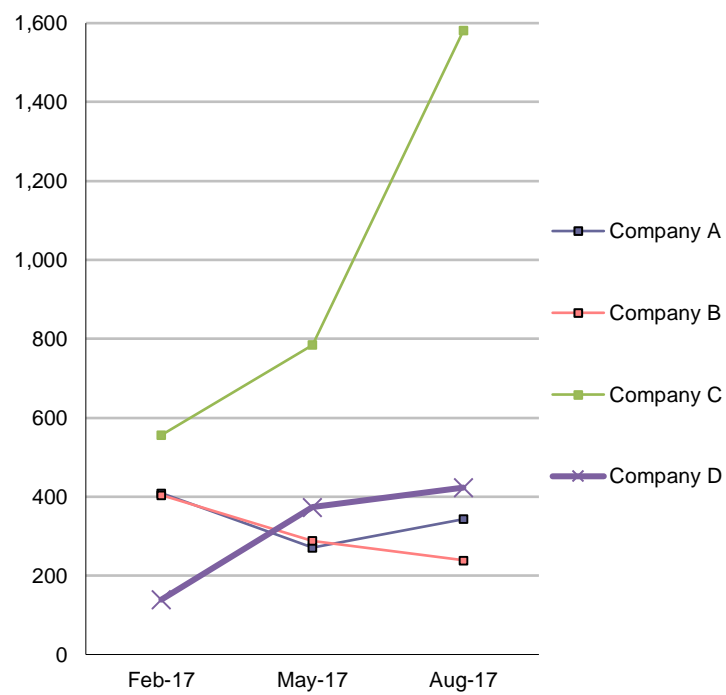
	Feb-17	May-17	Aug-17
Company A	100%	100%	89%
Company B	100%	100%	96%
Company C	96%	100%	100%
Company D	100%	95%	100%



Results for this metric were affected by additional work requiring specialist resources.

Time to Complete

	Feb-17	May-17	Aug-17
Company A	409	271	343
Company B	404	288	239
Company C	556	785	1581
Company D	139	373	423



Variation for this metric was due to customer delays and complexity of orders.

NGA BITSTREAM 3A - PROVISIONING METRICS

Met Commit Rate

This metric did not meet the inclusion threshold.

Right First Time

This metric did not meet inclusion threshold.

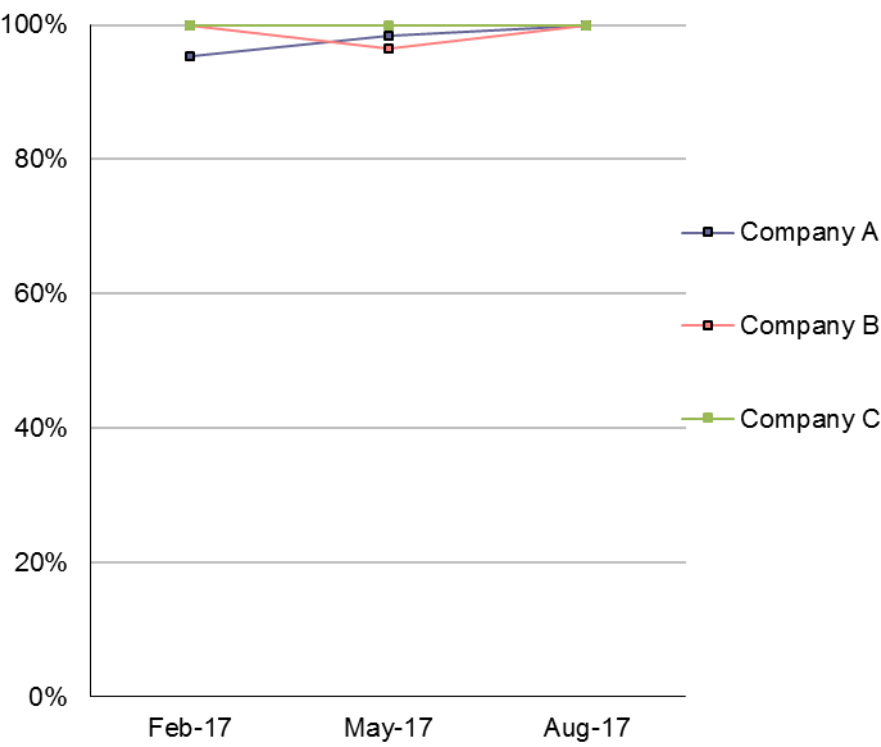
Time to Complete

This metric did not meet inclusion threshold.

NGA BUSINESS 5- PROVISIONING METRICS

Met Commit Rate

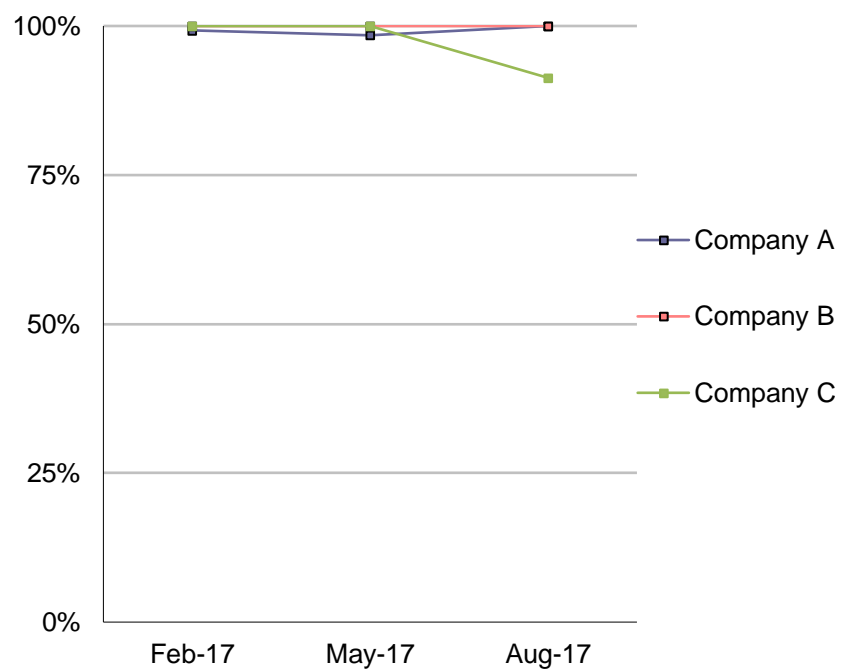
	Feb-17	May-17	Aug-17
Company A	95%	98%	100%
Company B	100%	97%	100%
Company C	100%	100%	100%



NGA BUSINESS 5- PROVISIONING METRICS

Right First Time

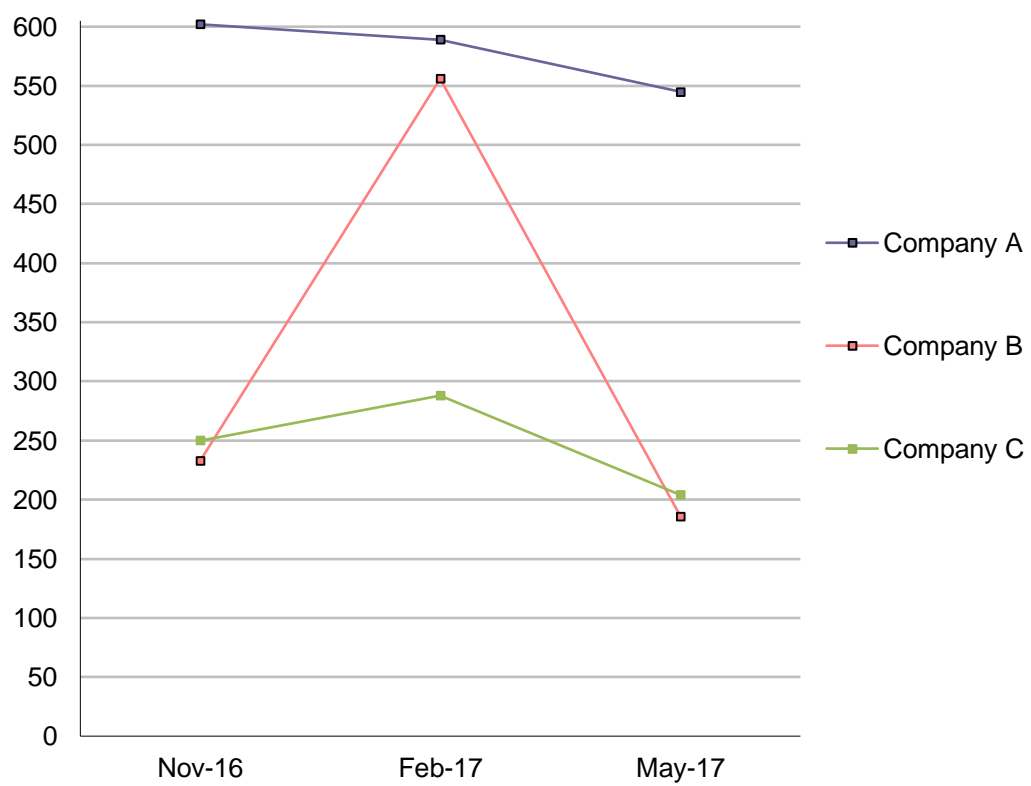
	Feb-17	May-17	Aug-17
Company A	99%	98%	100%
Company B	100%	100%	100%
Company C	100%	100%	91%



Variation in this metric was due to complexity of orders and customer delays.

Time to Complete

	Nov-16	Feb-17	May-17
Company A	602	589	545
Company B	233	556	186
Company C	250	288	204

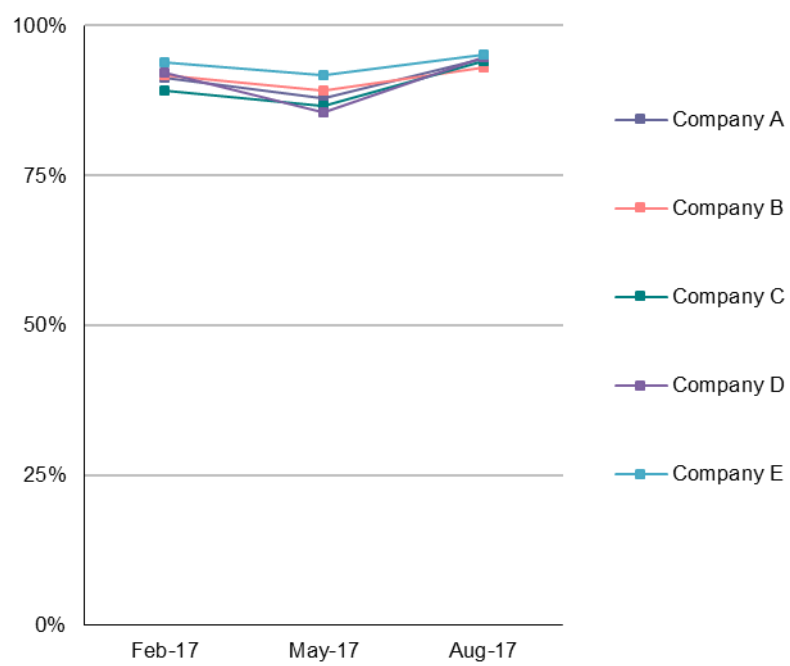


Variation for this metric was affected by complexity of orders, and consenting issues.

NGA- METRICS

Met Commit Rate

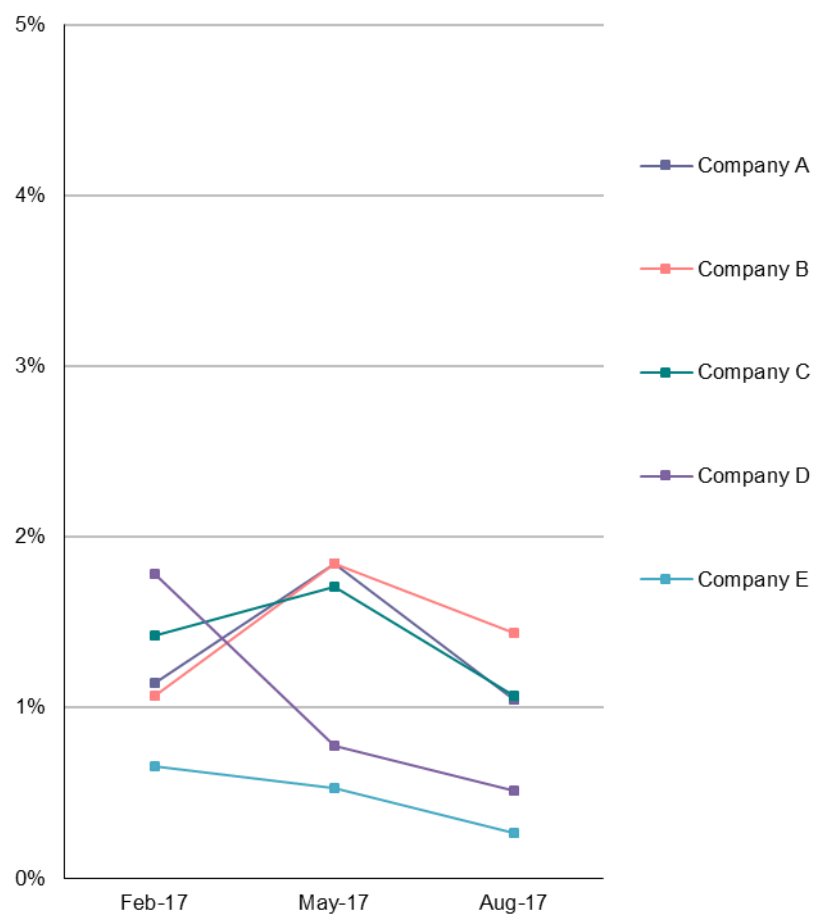
	Feb-17	May-17	Aug-17
Company A	91%	88%	95%
Company B	92%	89%	93%
Company C	89%	87%	94%
Company D	92%	86%	95%
Company E	94%	92%	95%



NGA- RESTORATION METRICS

Repeat Fault Rate

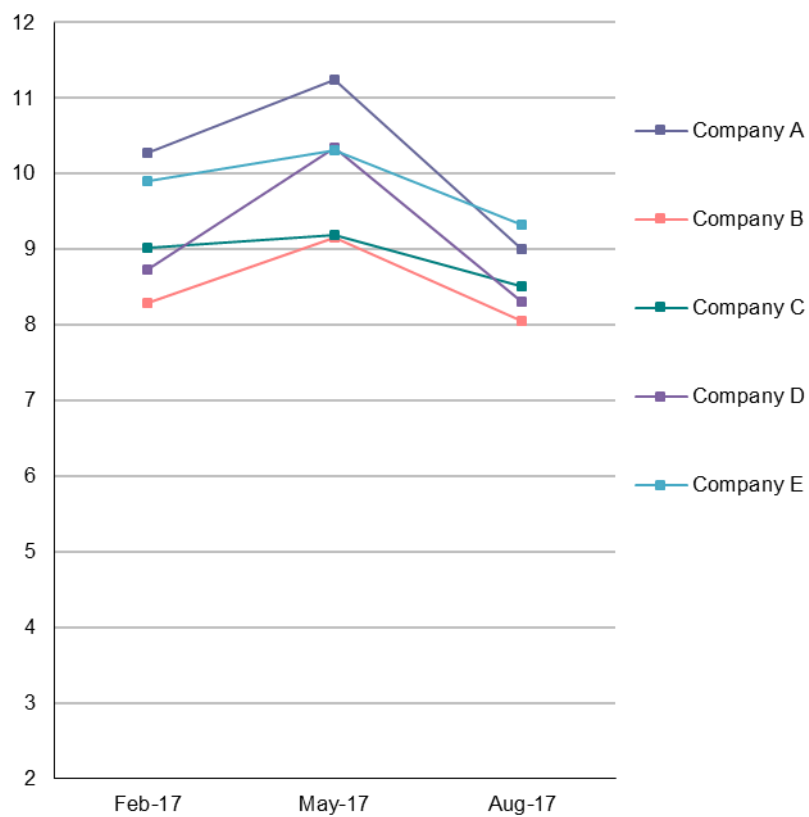
	Feb-17	May-17	Aug-17
Company A	1%	2%	1%
Company B	1%	2%	1%
Company C	1%	2%	1%
Company D	2%	1%	1%
Company E	1%	1%	0%



NGA- RESTORATION METRICS

Time to Complete

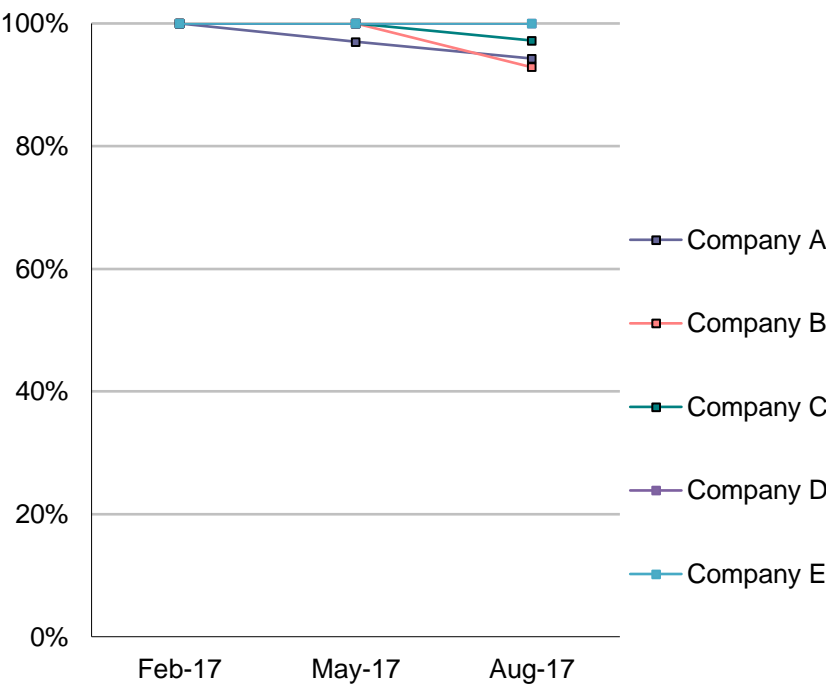
	Feb-17	May-17	Aug-17
Company A	10	11	9
Company B	8	9	8
Company C	9	9	9
Company D	9	10	8
Company E	10	10	9



DFAS - PROVISIONING METRICS

Met Commit Rate

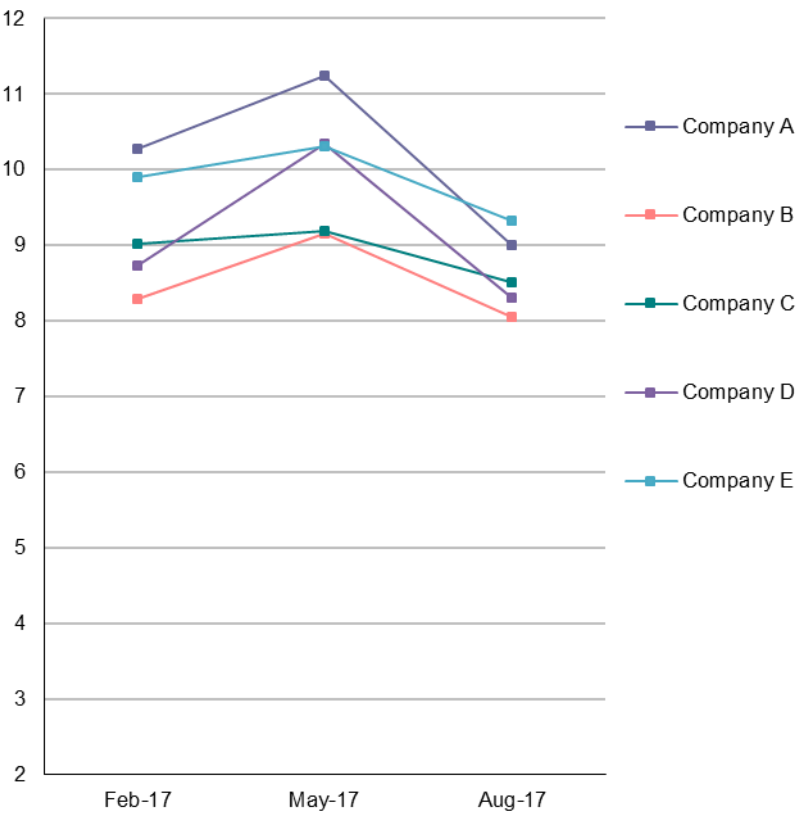
	Feb-17	May-17	Aug-17
Company A	100%	97%	94%
Company B	100%	100%	93%
Company C	100%	100%	97%
Company D	100%	100%	100%
Company E	100%	100%	100%



Variation in this metric was affected by Customer ordering behaviour.

Right First Time

	Feb-17	May-17	Aug-17
Company A	100%	100%	100%
Company B	100%	100%	100%
Company C	100%	100%	100%
Company D	100%	100%	100%
Company E	100%	100%	100%



DFAS - PROVISIONING METRICS

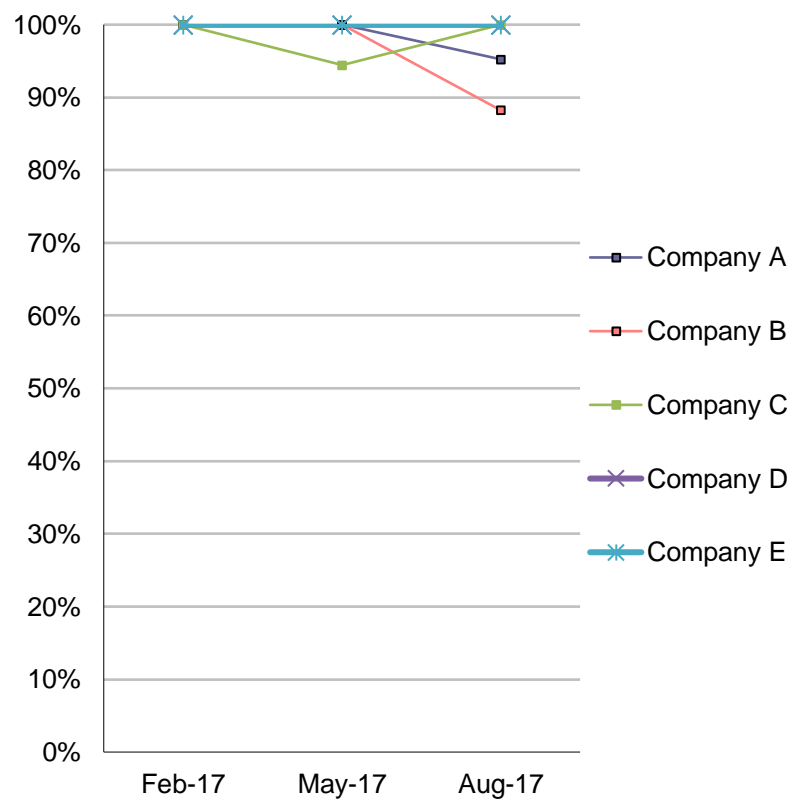
Time to Complete

This metric did not meet the inclusion threshold.

ICAB - PROVISIONING METRICS

Met Commit Rate

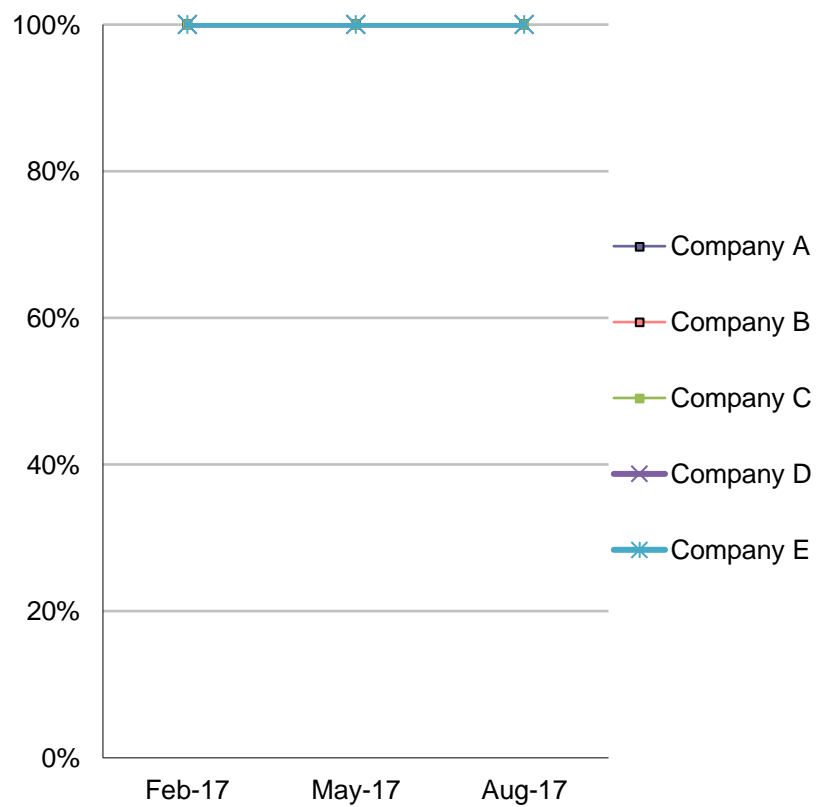
	Feb-17	May-17	Aug-17
Company A	100%	100%	95%
Company B	100%	100%	88%
Company C	100%	94%	100%
Company D	100%	100%	100%
Company E	100%	100%	100%



Variation in this metric was affected by customer ordering behaviour.

Right First Time

	Feb-17	May-17	Aug-17
Company A	100%	100%	100%
Company B	100%	100%	100%
Company C	100%	100%	100%
Company D	100%	100%	100%
Company E	100%	100%	100%



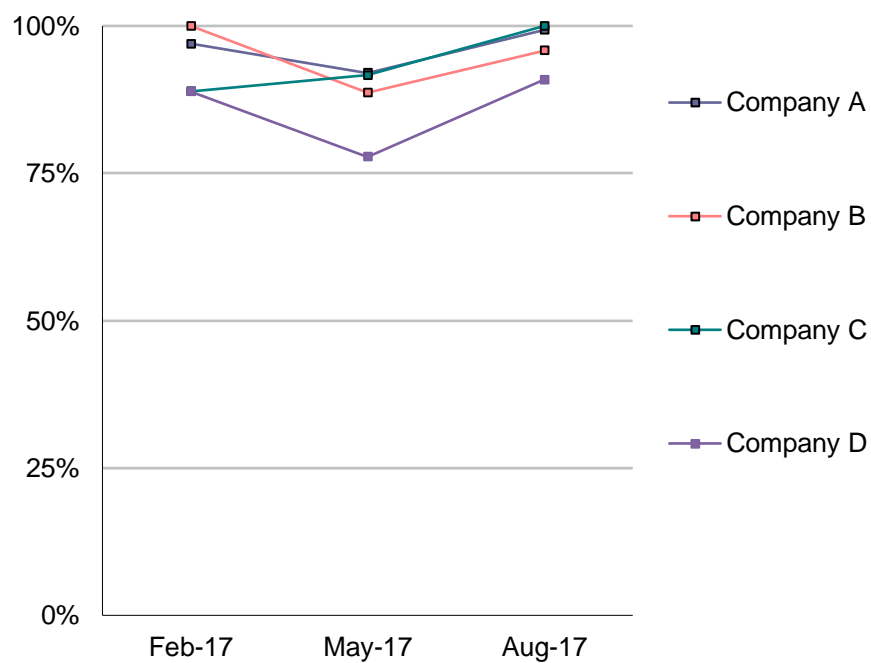
Time to Complete

This metric did not meet the inclusion threshold.

HSNS LITE (OVER COPPER) - PROVISIONING METRICS

Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	97%	92%	99%
Company B	100%	89%	96%
Company C	89%	92%	100%
Company D	89%	78%	91%

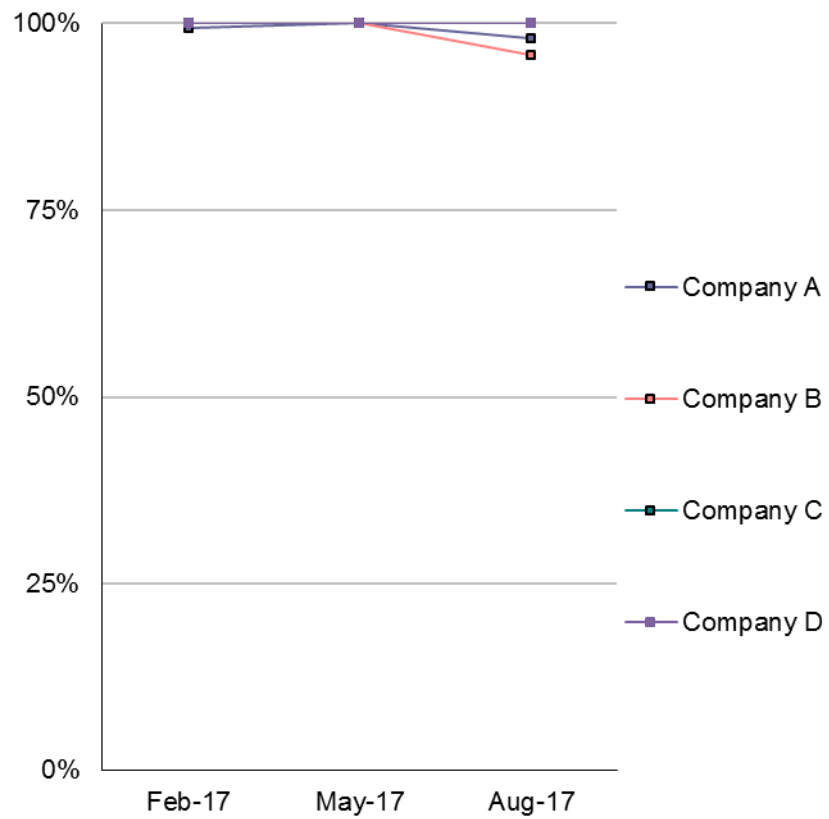


Company D was affected by customer availability and site readiness

HSNS Lite (OVER COPPER) - PROVISIONING METRICS

Right First Time

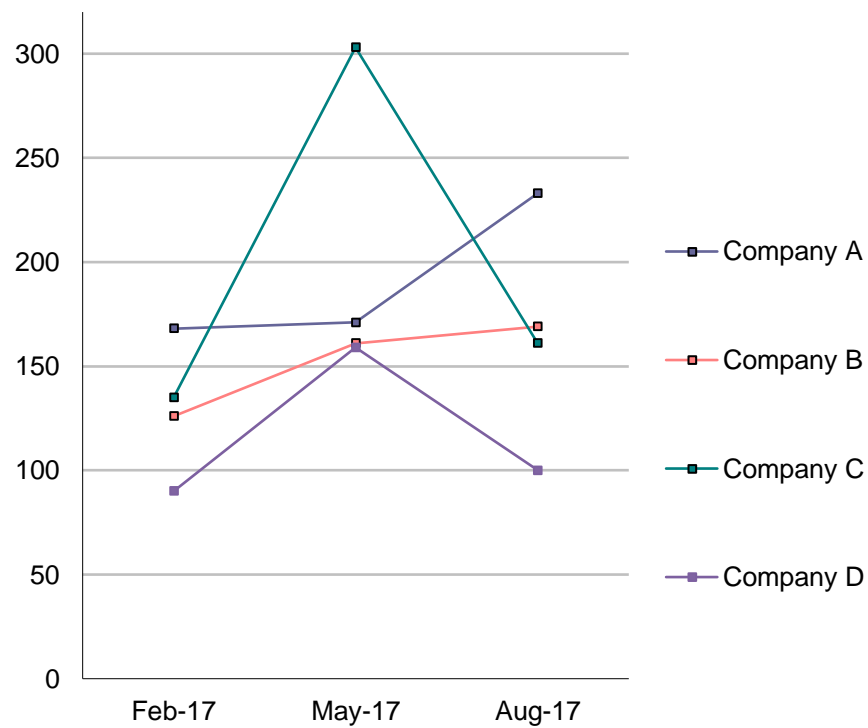
	Feb-17	May-17	Aug-17
Company A	99%	100%	98%
Company B	100%	100%	96%
Company C	100%	100%	100%
Company D	100%	100%	100%



HSNS Lite (OVER COPPER) - PROVISIONING METRICS

Time to Complete

	Feb-17	May-17	Aug-17
Company A	168	171	233
Company B	126	161	169
Company C	135	303	161
Company D	90	159	100



Variation in this in this metric was affected by site readiness issues, and complexity in delivery.

HSNS LITE (FIBRE) - PROVISIONING METRICS

Met Commit

This metric did not meet the inclusion threshold.

Right First Time

This metric did not meet the inclusion threshold.

Time to Complete

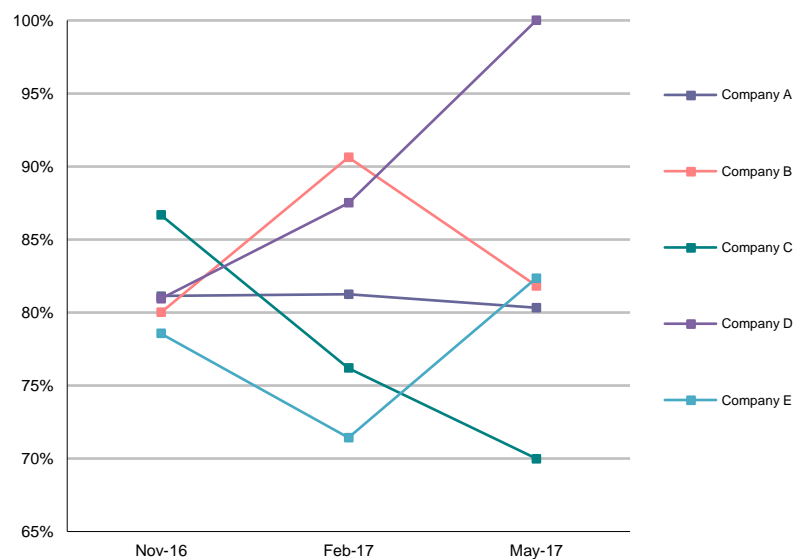
This metric did not meet the inclusion threshold.

HSNS LITE - RESTORATION METRICS

HSNS Lite fault reporting includes faults for HSNS Lite provided over fibre and copper.

Met Commit Rate

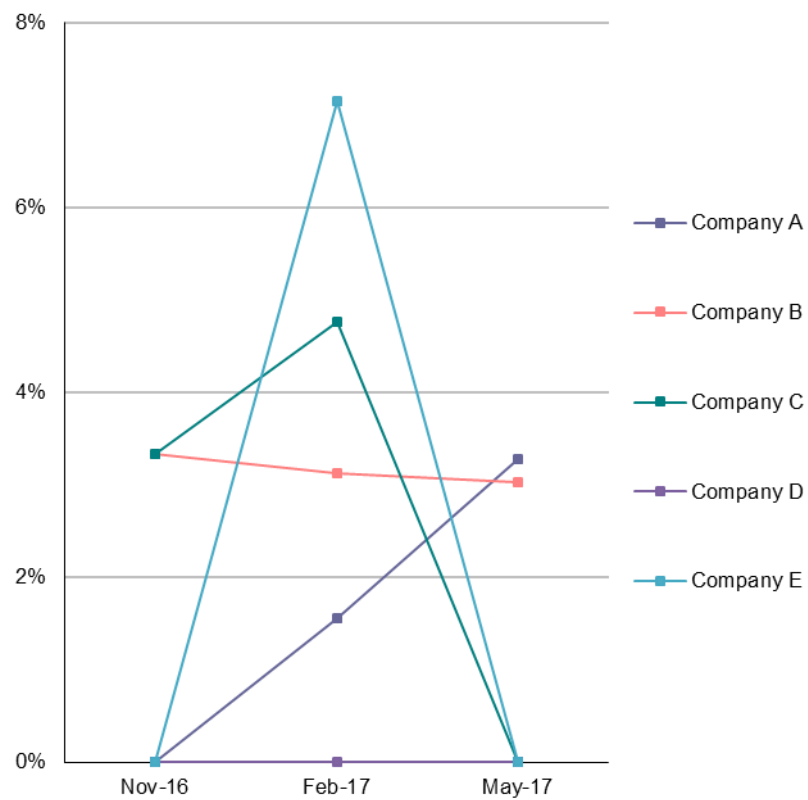
	Nov-16	Feb-17	May-17
Company A	81%	81%	80%
Company B	80%	91%	82%
Company C	87%	76%	70%
Company D	81%	88%	100%
Company E	79%	71%	82%



Variation in this metric is affected by site access issues as well as rescheduling complexities.

Repeat Fault Rate

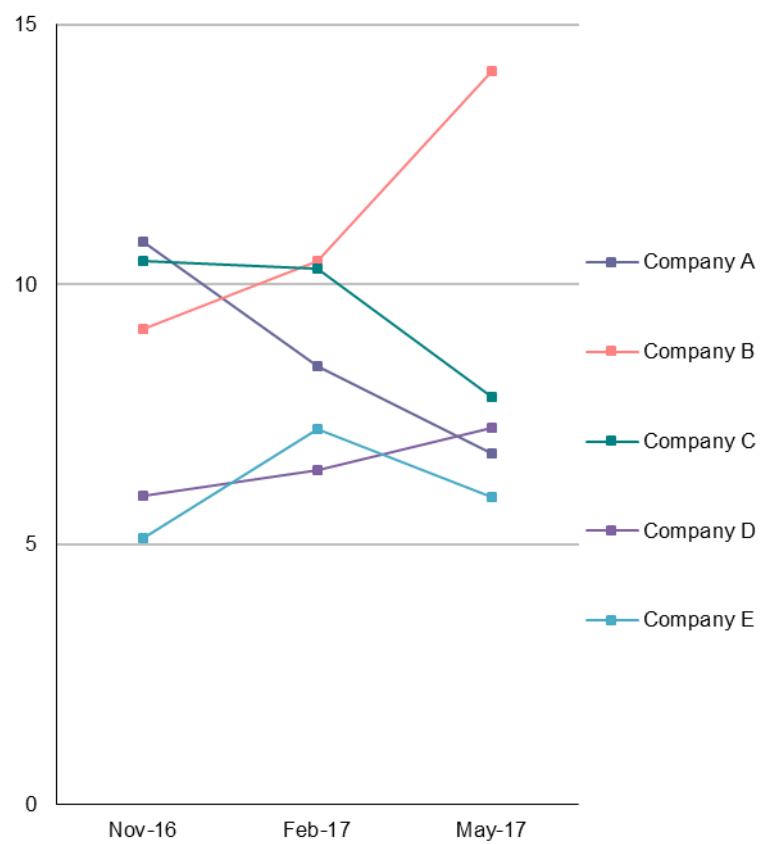
	Nov-16	Feb-17	May-17
Company A	0%	2%	3%
Company B	3%	3%	3%
Company C	3%	5%	0%
Company D	0%	0%	0%
Company E	0%	7%	0%



HSNS LITE - RESTORATION METRICS

Time to Complete

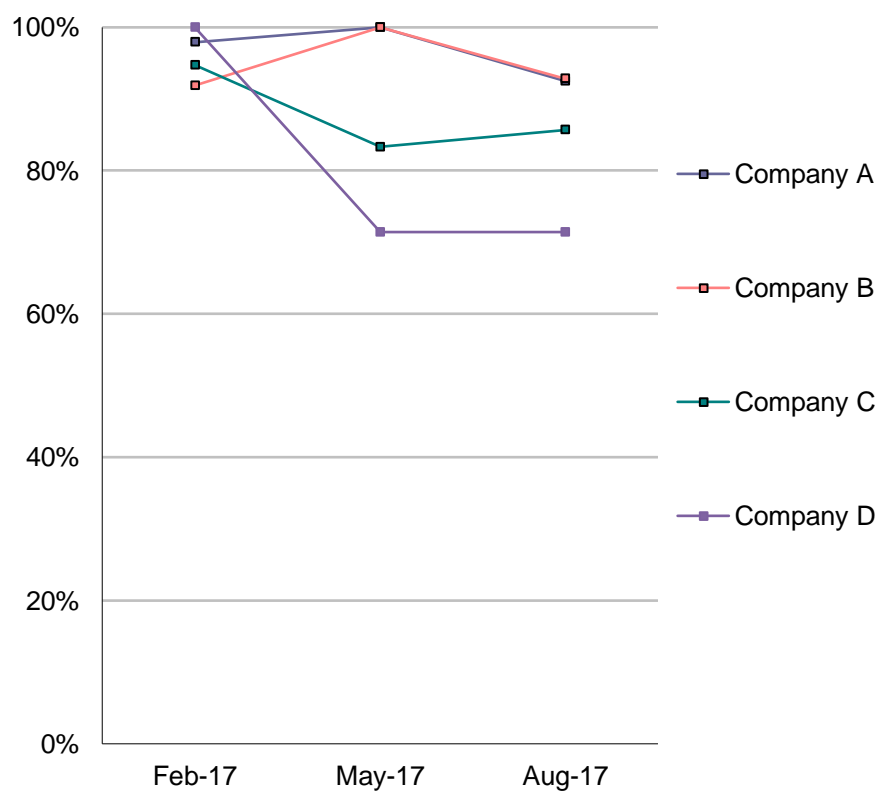
(hours)	Nov-16	Feb-17	May-17
Company A	11	8	7
Company B	9	10	14
Company C	10	10	8
Company D	6	6	7
Company E	5	7	6



HSNS PREMIUM - PROVISIONING METRICS

Met Commit Rate

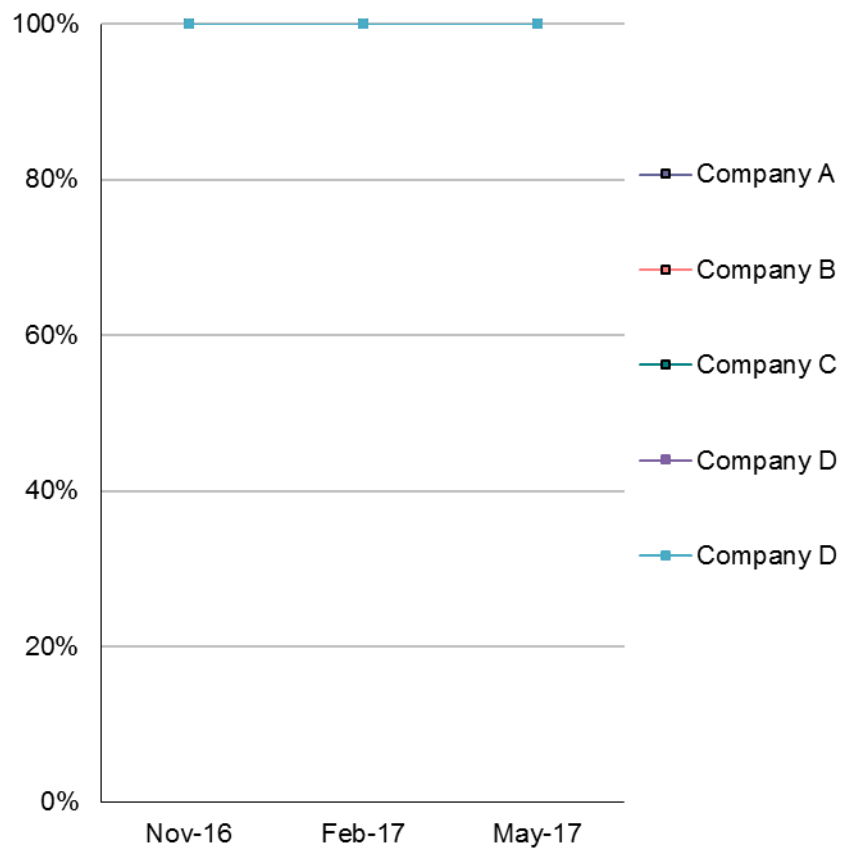
	Feb-17	May-17	Aug-17
Company A	98%	100%	93%
Company B	92%	100%	93%
Company C	95%	83%	86%
Company D	100%	71%	71%



Companies C and D were affected predominantly by consenting and permitting delays.

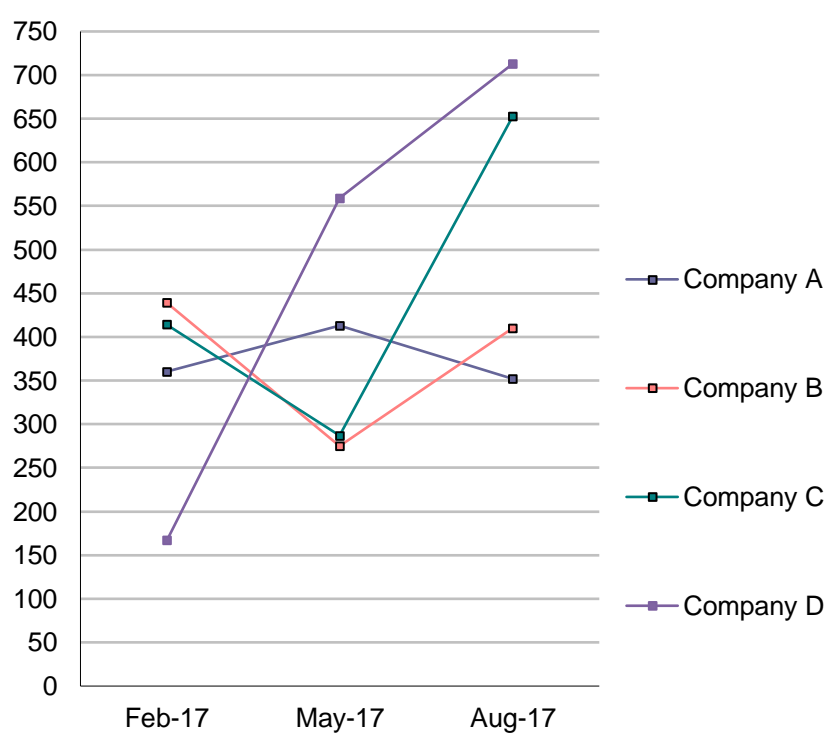
Right First Time

	Nov-16	Feb-17	May-17
Company A	100%	100%	100%
Company B	100%	100%	100%
Company C	100%	100%	100%
Company D	100%	100%	100%
Company D	100%	100%	100%



Time to Complete

	Feb-17	May-17	Aug-17
Company A	360	413	352
Company B	439	275	410
Company C	414	287	653
Company D	167	559	713

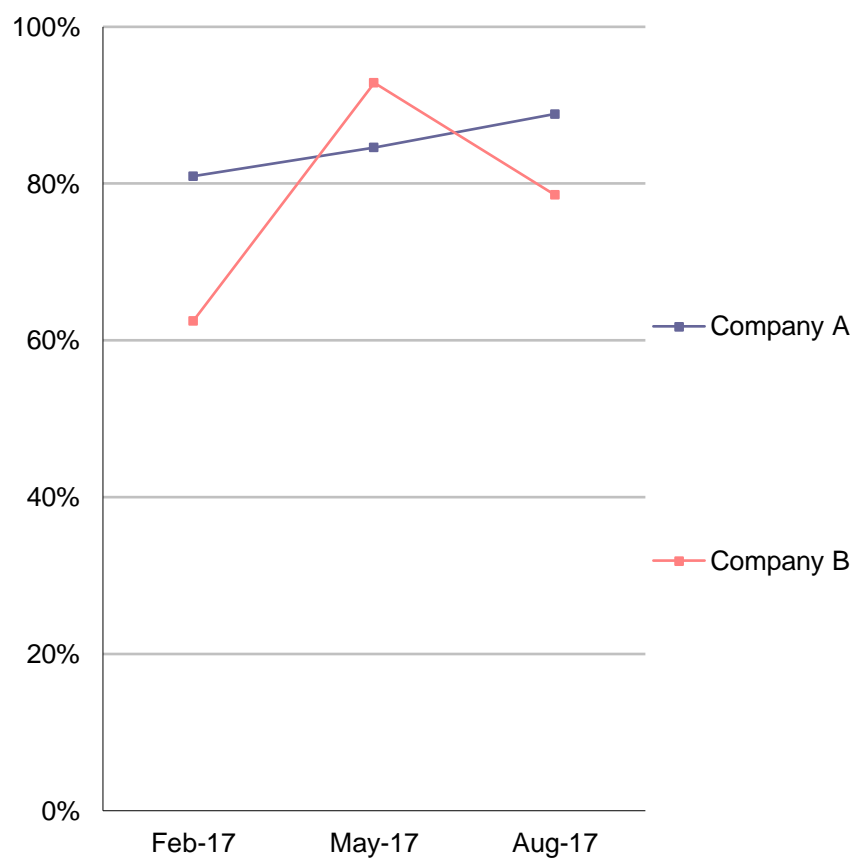


Company's B, C and D were all affected by site readiness and consenting delays.

HSNS PREMIUM - RESTORATION METRICS

Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	81%	85%	89%
Company B	63%	93%	79%



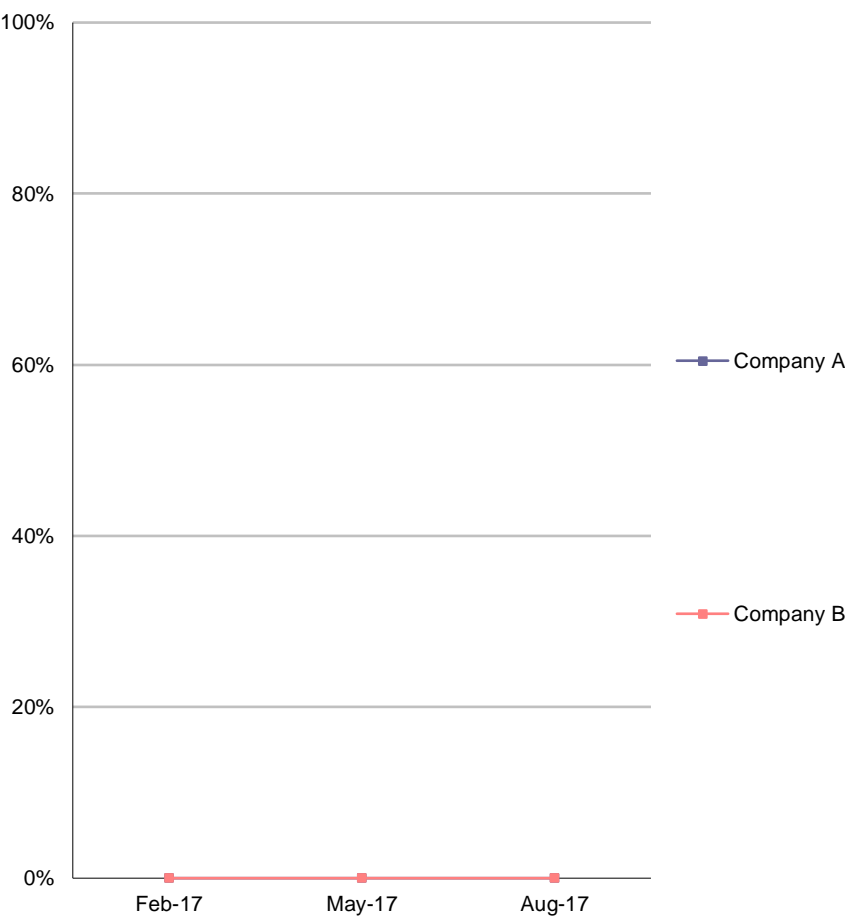
Company B was predominantly affected by fault complexity.

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HSNS PREMIUM - RESTORATION METRICS

Repeat Fault Rate

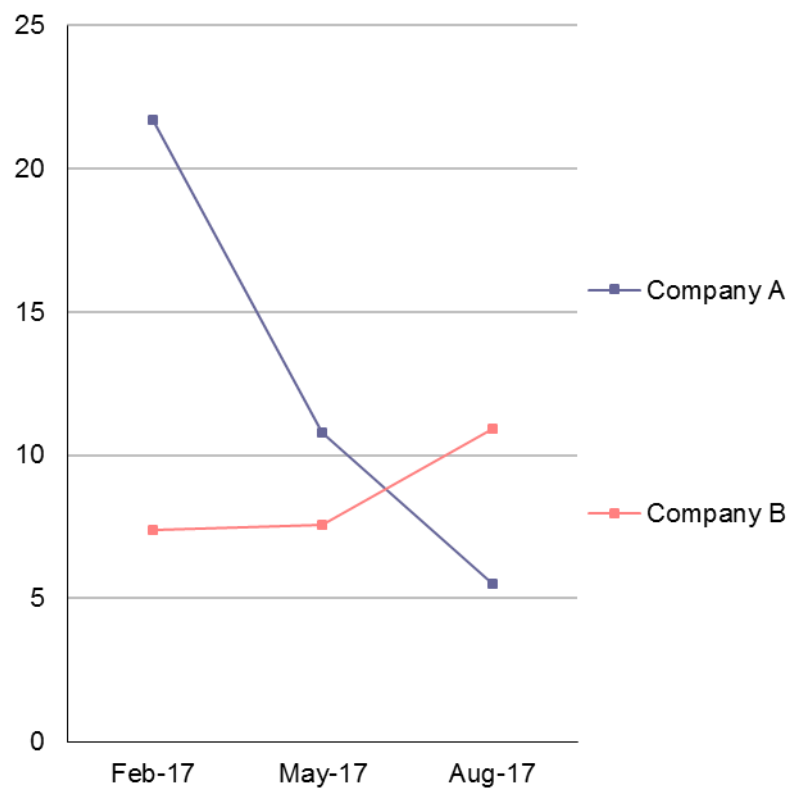
	Feb-17	May-17	Aug-17
Company A	0%	0%	0%
Company B	0%	0%	0%



HSNS PREMIUM - RESTORATION METRICS

Time to Complete

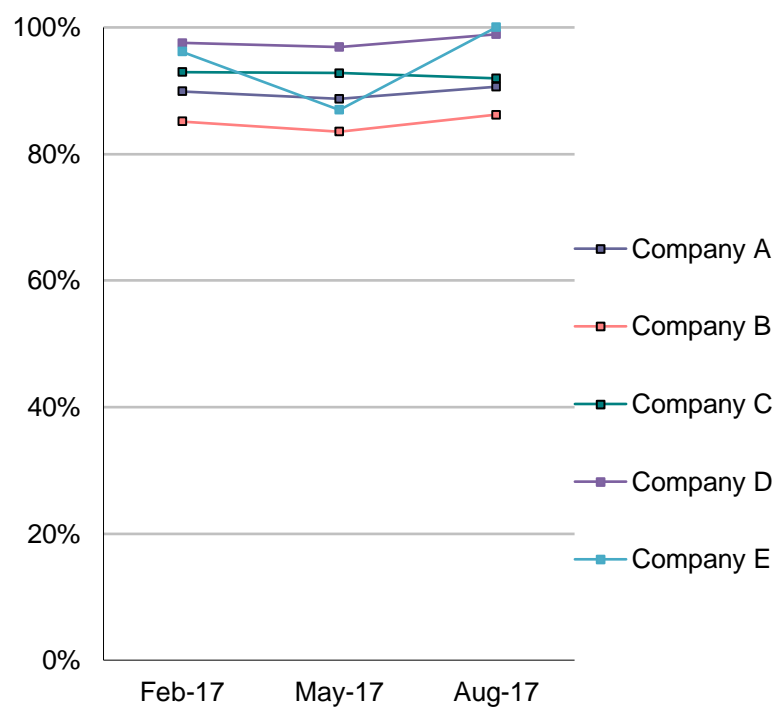
	Feb-17	May-17	Aug-17
Company A	22	11	6
Company B	7	8	11



UCLL - PROVISIONING METRICS

Met Commit Rate

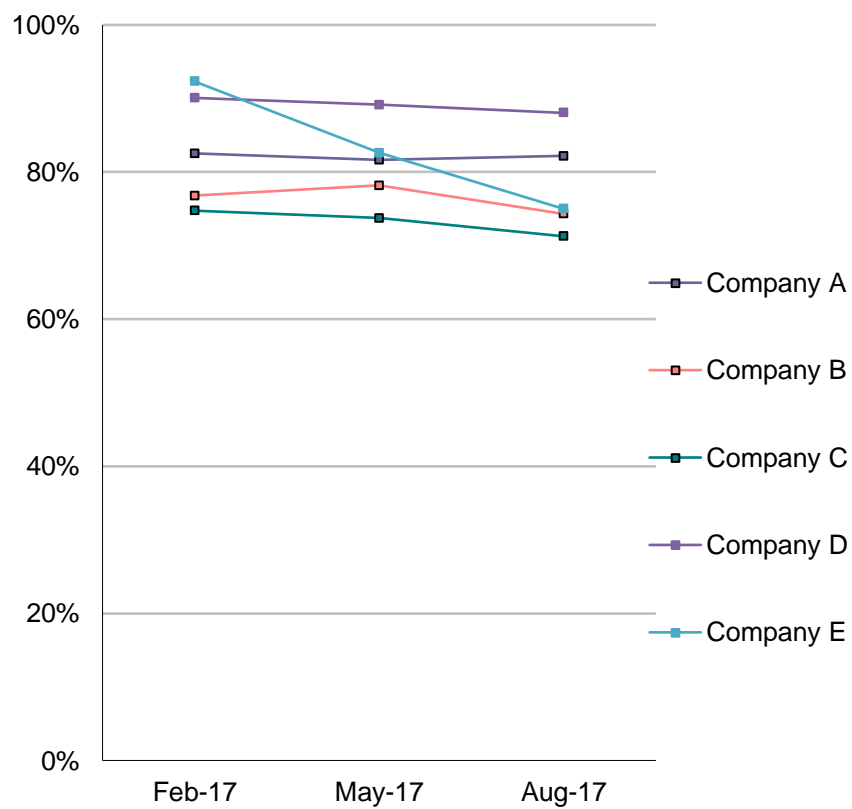
	Feb-17	May-17	Aug-17
Company A	90%	89%	91%
Company B	85%	84%	86%
Company C	93%	93%	92%
Company D	98%	97%	99%
Company E	96%	87%	100%



Variation in this metric was affected by technician sign off practices.

Right First Time

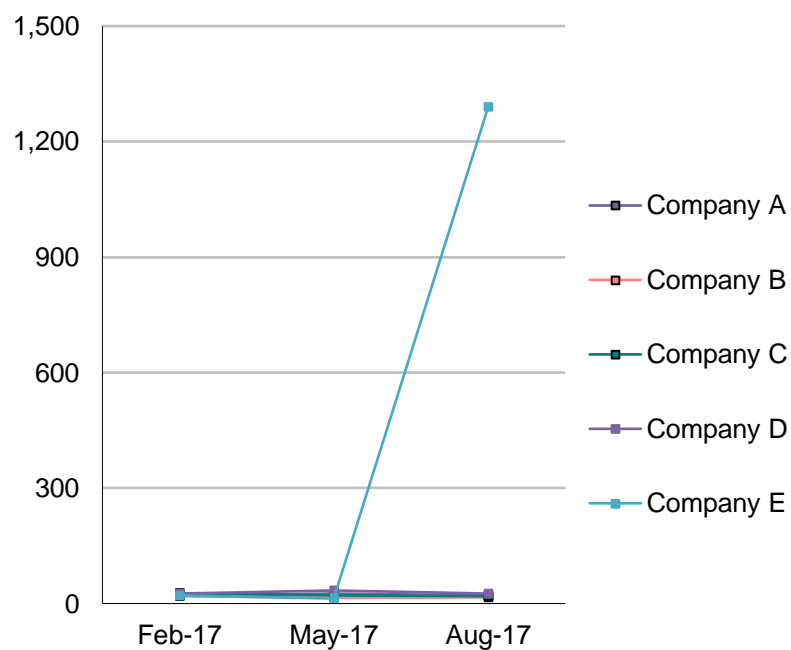
	Feb-17	May-17	Aug-17
Company A	83%	82%	82%
Company B	77%	78%	74%
Company C	75%	74%	71%
Company D	90%	89%	88%
Company E	92%	83%	75%



Companies A, B C and E were affected by their troubleshooting practices and ordering behaviour

Time to Complete

	Feb-17	May-17	Aug-17
Company A	21	26	21
Company B	19	15	16
Company C	27	21	19
Company D	26	34	26
Company E	21	13	1289

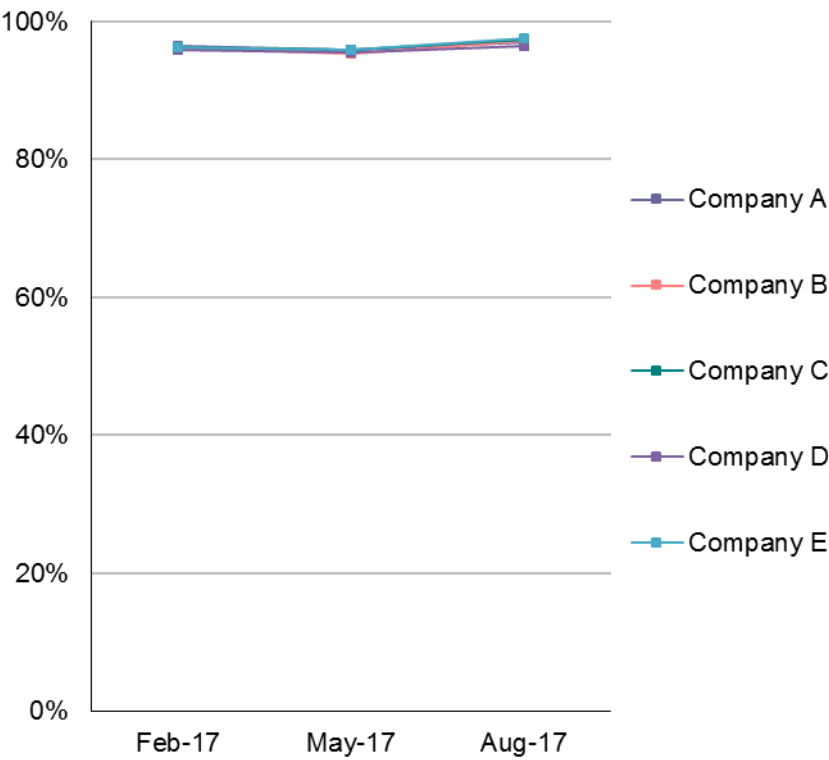


Company E's result was due to a Chorus administration error relating to one order which did not reflect when service was given.

UCLL - RESTORATION METRICS

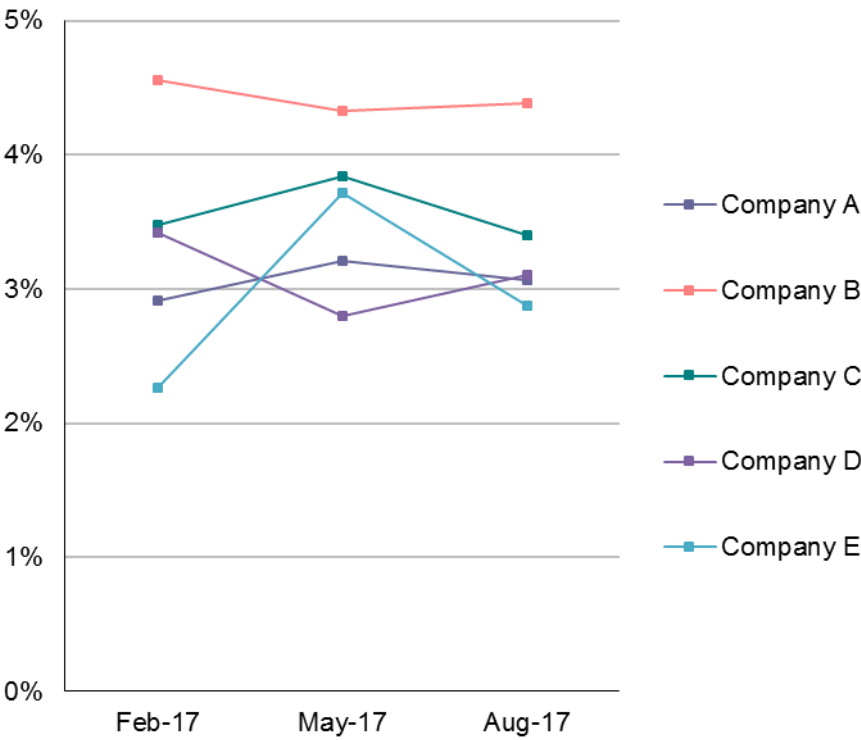
Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	96%	96%	97%
Company B	96%	95%	97%
Company C	96%	96%	97%
Company D	96%	95%	97%
Company E	96%	96%	97%



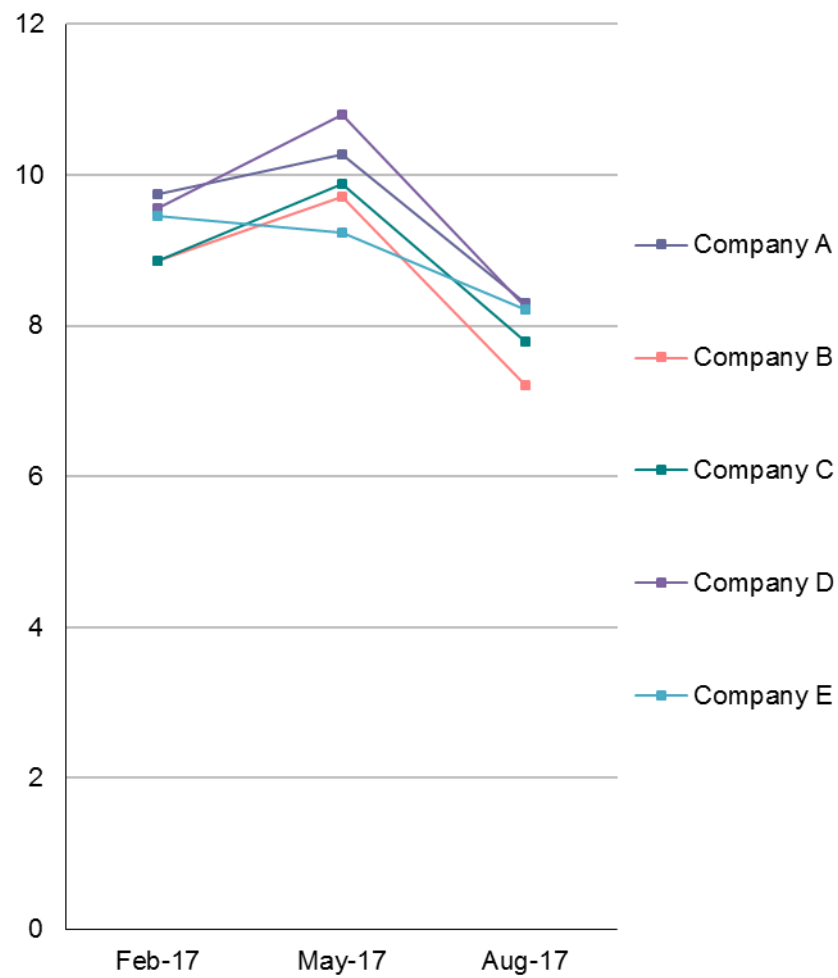
Repeat Fault Rate

	Feb-17	May-17	Aug-17
Company A	3%	3%	3%
Company B	5%	4%	4%
Company C	3%	4%	3%
Company D	3%	3%	3%
Company E	2%	4%	3%



Time to Complete

	Feb-17	May-17	Aug-17
Company A	10	10	8
Company B	9	10	7
Company C	9	10	8
Company D	10	11	8
Company E	9	9	8



SLU - PROVISIONING METRICS

Met Commit Rate

This metric did not meet the inclusion threshold.

SLU - PROVISIONING METRICS

Right First Time

This metric did not meet the inclusion threshold.

SLU - PROVISIONING METRICS

Time to Complete

This metric did not meet the inclusion threshold.

SLU – RESTORATION METRICS

Met Commit Rate

This metric did not meet the inclusion threshold.

SLU - RESTORATION METRICS

Repeat Fault Rate

This metric did not meet the inclusion threshold.

SLU - RESTORATION METRICS

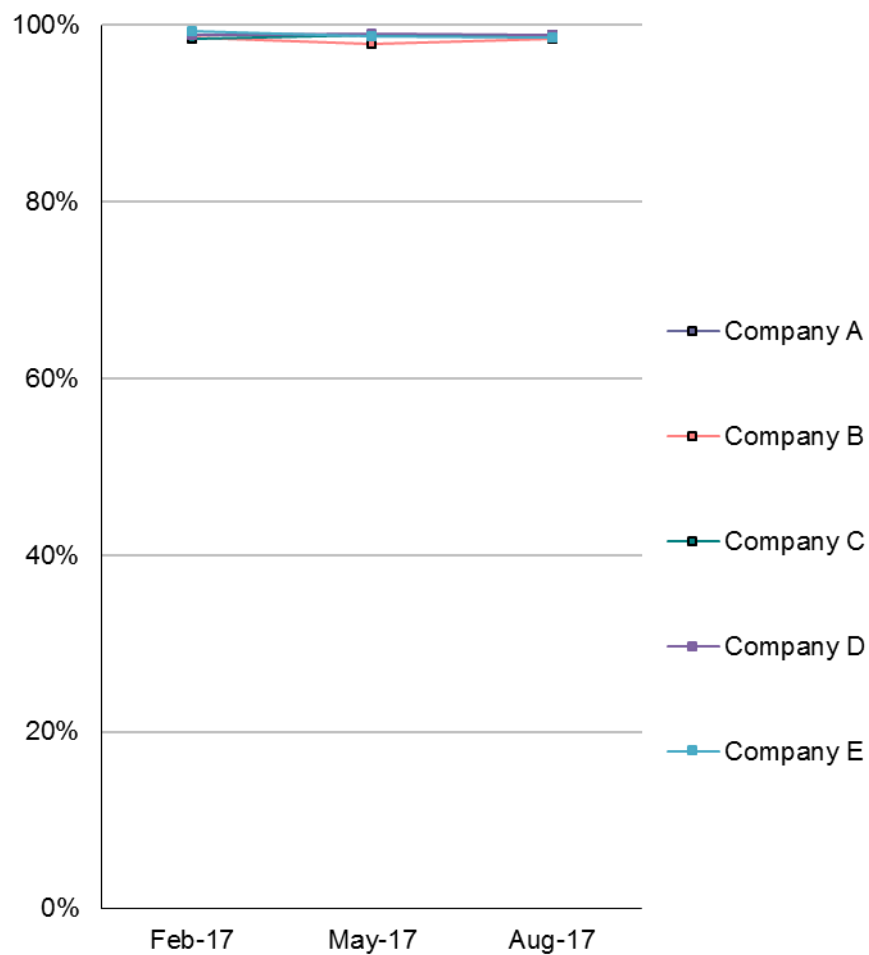
Time to Restore

This metric did not meet the inclusion threshold.

UBA ONLY (NAKED) - PROVISIONING METRICS

Met Commit Rate

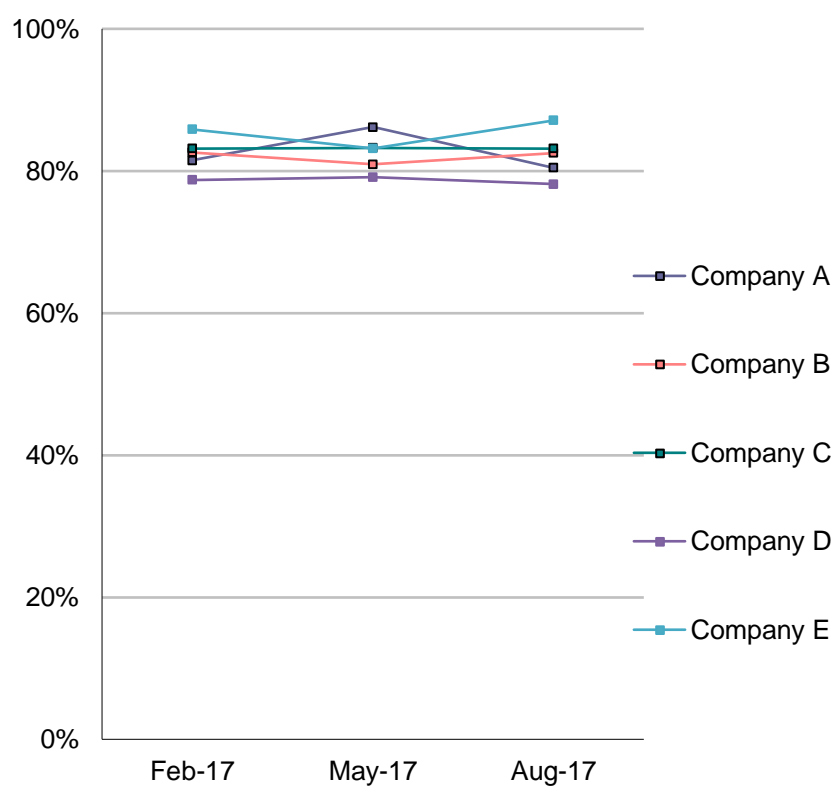
	Feb-17	May-17	Aug-17
Company A	99%	99%	99%
Company B	99%	98%	98%
Company C	98%	99%	99%
Company D	99%	99%	99%
Company E	99%	99%	99%



UBA ONLY (NAKED) - PROVISIONING METRICS

Right First Time

	Feb-17	May-17	Aug-17
Company A	82%	86%	80%
Company B	83%	81%	83%
Company C	83%	83%	83%
Company D	79%	79%	78%
Company E	86%	83%	87%

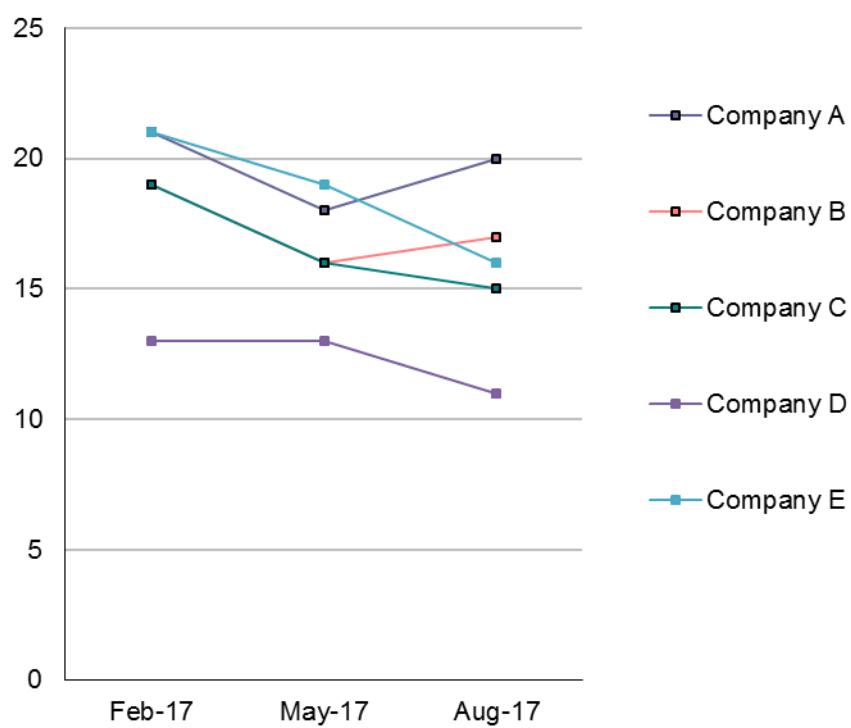


Companies A & D were affected by their ordering behaviour and troubleshooting practices.

UBA ONLY (NAKED) - PROVSIONING METRICS

Time to Complete

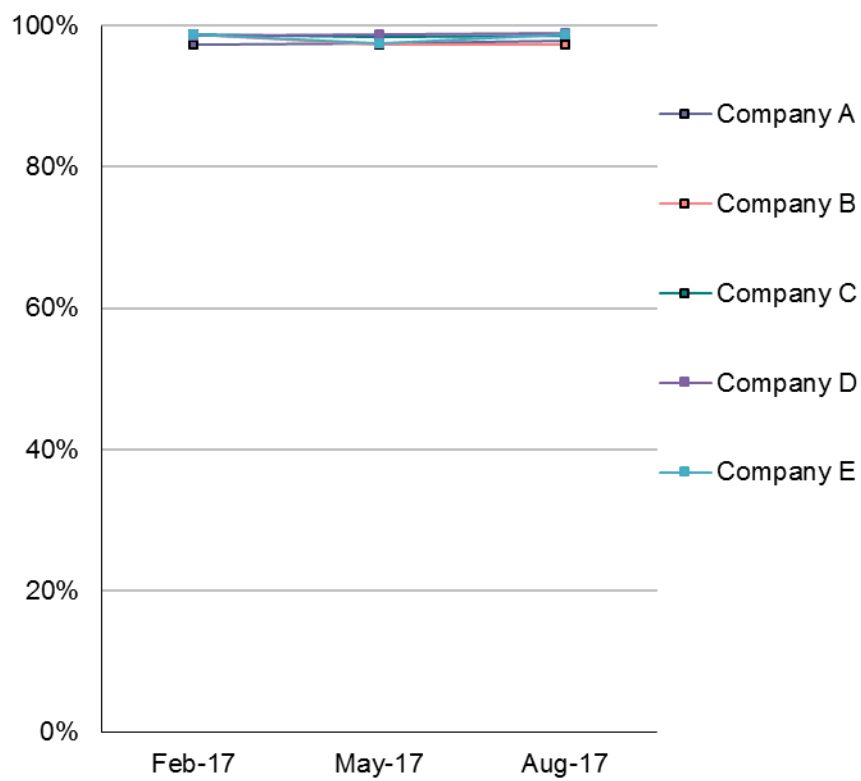
	Feb-17	May-17	Aug-17
Company A	21	18	20
Company B	19	16	17
Company C	19	16	15
Company D	13	13	11
Company E	21	19	16



UBA WITH AGENCY VOICE - PROVISIONING METRICS

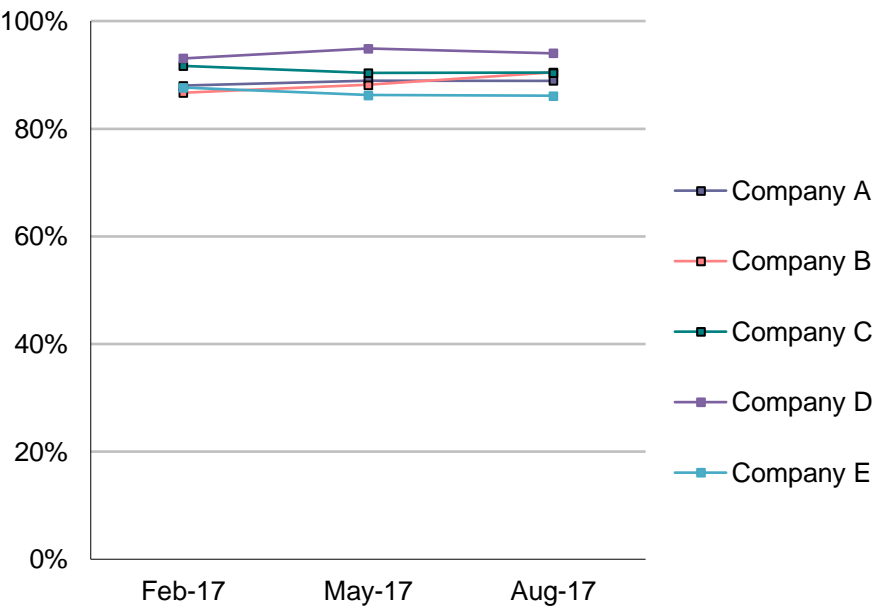
Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	97%	97%	98%
Company B	99%	97%	97%
Company C	99%	98%	99%
Company D	99%	99%	99%
Company E	99%	98%	99%



Right First Time

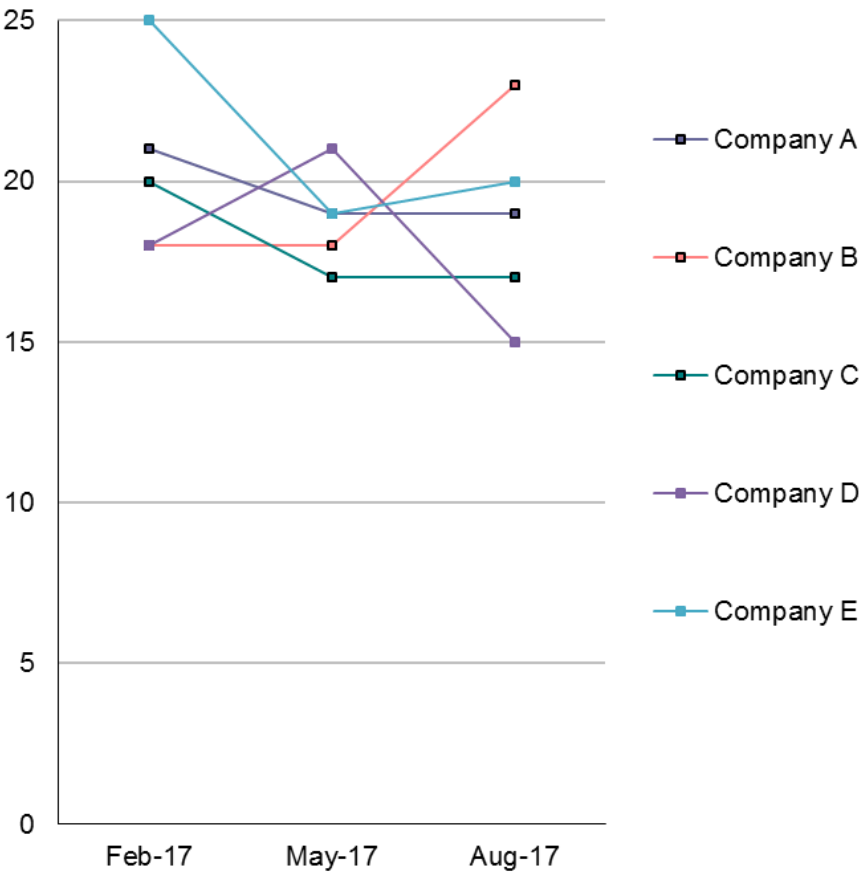
	Feb-17	May-17	Aug-17
Company A	88%	89%	89%
Company B	87%	88%	90%
Company C	92%	90%	90%
Company D	93%	95%	94%
Company E	88%	86%	86%



Companies A and E were affected by their troubleshooting practices and ordering behaviour

Time to Complete

	Feb-17	May-17	Aug-17
Company A	21	19	19
Company B	18	18	23
Company C	20	17	17
Company D	18	21	15
Company E	25	19	20

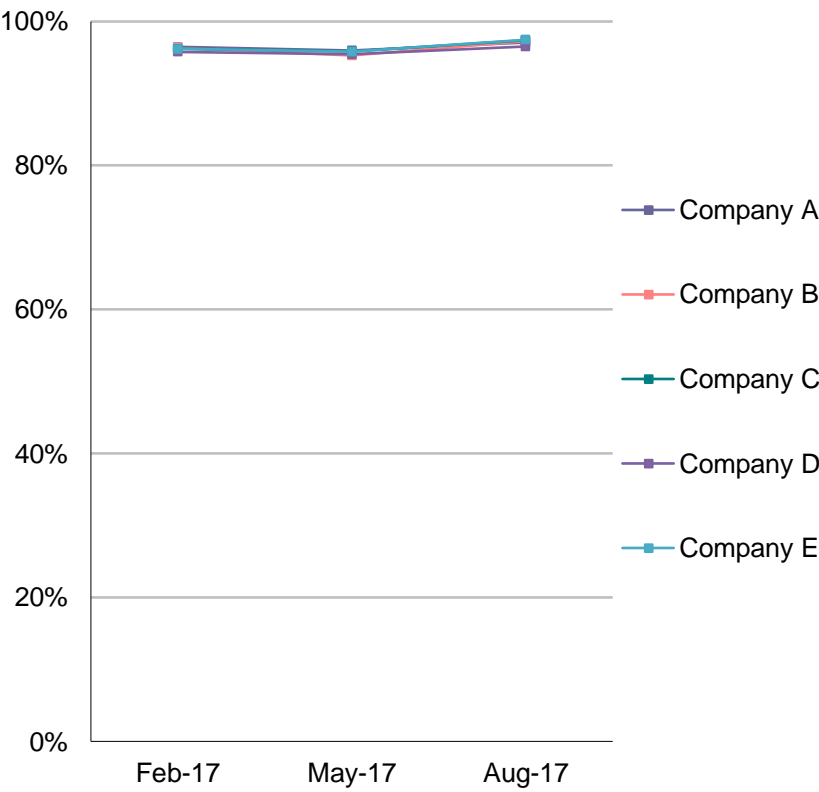


UBA - RESTORATION METRICS

Both UBA only (naked) and UBA with POTS (clothed) faults are presented in these metrics.

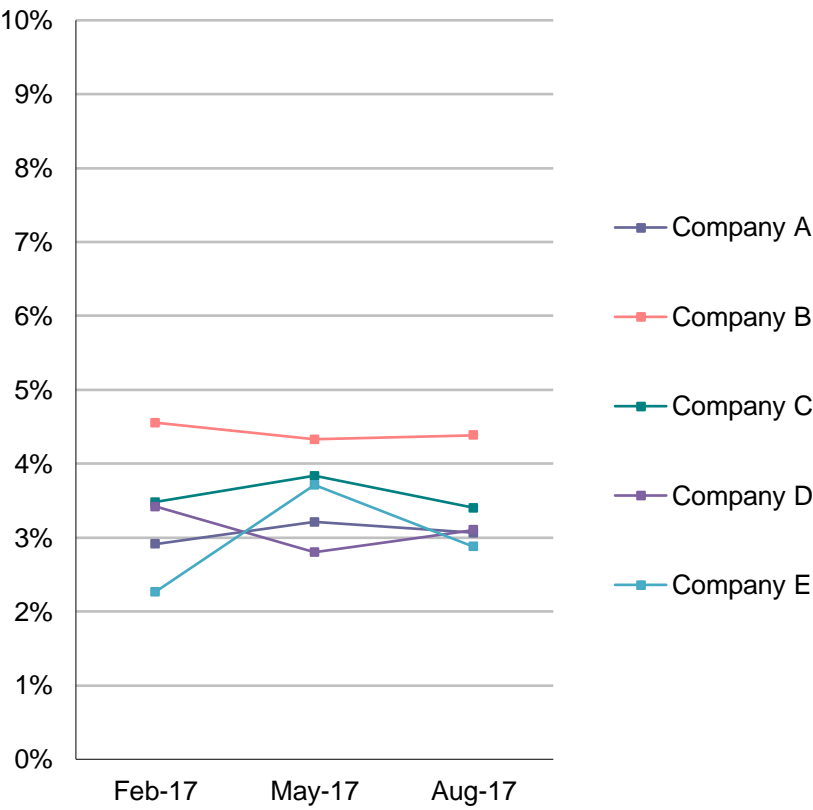
Met Commit Rate

	Feb-17	May-17	Aug-17
Company A	96%	96%	97%
Company B	96%	95%	97%
Company C	96%	96%	97%
Company D	96%	95%	97%
Company E	96%	96%	97%



Repeat Fault Rate

	Feb-17	May-17	Aug-17
Company A	3%	3%	3%
Company B	5%	4%	4%
Company C	3%	4%	3%
Company D	3%	3%	3%
Company E	2%	4%	3%



Time to Complete

	Feb-17	May-17	Aug-17
Company A	10	10	8
Company B	9	10	7
Company C	9	10	8
Company D	10	11	8
Company E	9	9	8

