

Example MI requested by MOD and produced by SSRO

The SSRO provides DefCARS analysis and management information to the MOD in response to MOD requests under Section 36(3) of the Defence Reform Act 2014. This document provides an overview of the DefCARS management information products which the SSRO makes available to all MOD DefCARS users, so that contractors are aware of the information the MOD may use in contract discussions with them. The document includes:

- A list of the management information reports available for all MOD DefCARS users;
- Example screenshots of these reports, using illustrative data only; and
- Further information.

Management information reports available for all MOD DefCARS users

Below is a list of the reports currently available to all MOD DefCARS users:

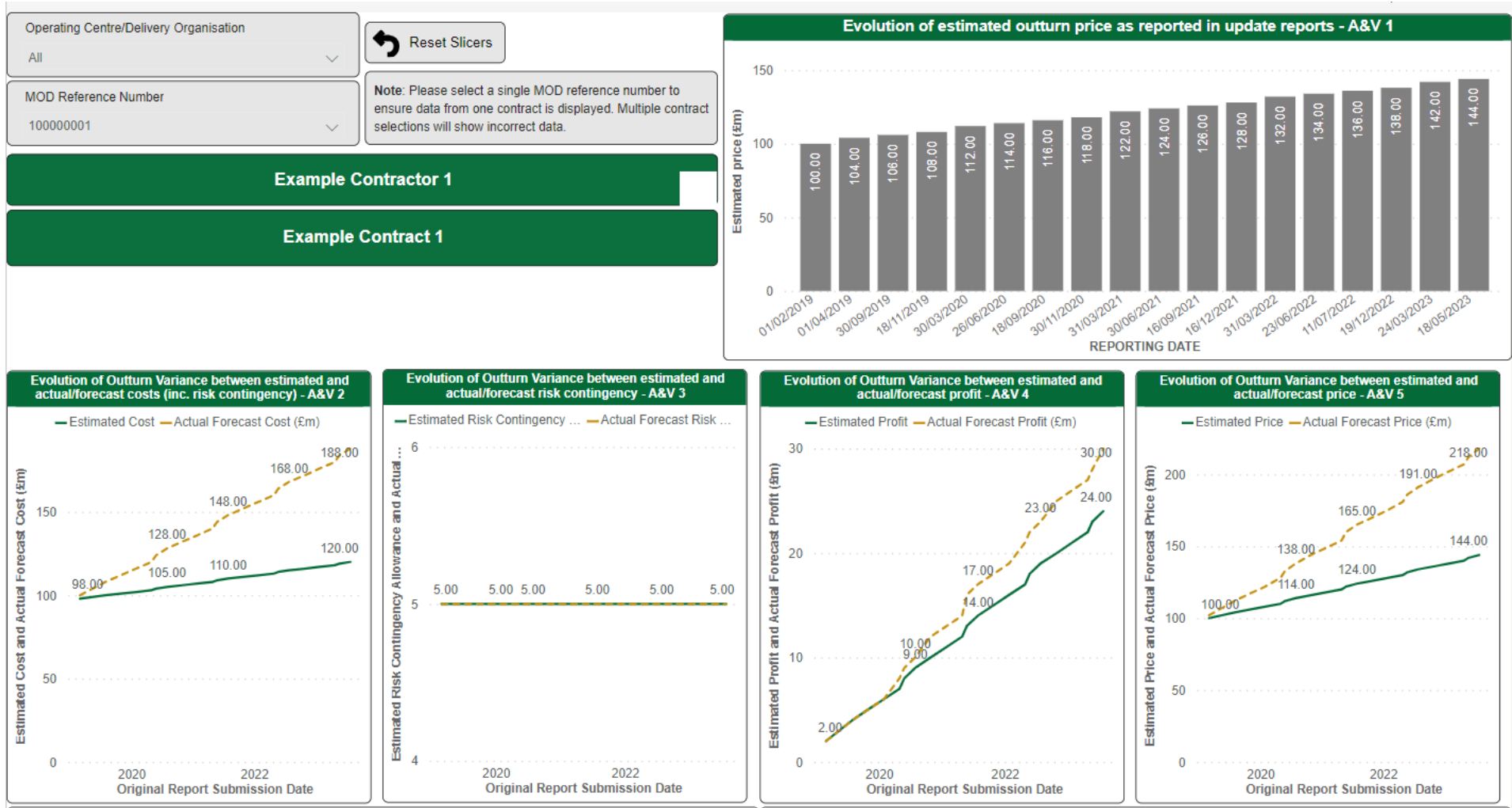
Name of Report	Description	Release date
1) Contract Amendments & Variance	Analysis of individual contracts showing the evolution of contract price over time, variance between estimated and actual/forecast costs and profit, and some detailed analysis on the causes of variance.	October 2023
2) Contract Landscape (Variances)	Provides the ability to aggregate and compare contractors' latest estimates with actual and forecasts, across costs, profit and price, for multiple Qualifying Defence Contracts (QDCs) and Qualifying Sub-contracts (QSCs). Data can be broken down by: Global Ultimate Owner; contracting company; Top Level Budgetary Area; Operating Centre; completed or active contracts; and QDCs or QSCs.	December 2023
3) Profit Rate Comparison Tool	Provides anonymised information on the distribution of agreed Contract Profit Rates (CPRs) and profit rate steps for all contracts in DefCARS. Data can be filtered by contract characteristics (pricing methods, contract duration or contract price) to tailor comparisons. Named contract data is provided for the contracts that a user has access to in DefCARS.	August 2024

Name of Report	Description	Release date
4) Defined Pricing Structure Explorer	A tool to explore the estimated and actual/forecast costs (and variances between these) associated with the Defined Pricing Structures (DPS) in contracts. Users can search for different types of DPS, DPS cost lines or contracts.	January 2025

Example screenshots of management information reports

1) Contract Amendments & Variance MI report

Amendments and Variance Dashboard (outturn) ILLUSTRATIVE DATA ONLY



Variance Dashboard (in year) ILLUSTRATIVE DATA ONLY

Operating Centre/Delivery Organisation All	Report Submission Date 28 July 2023
MOD Reference Number 100000001	Note: Please select a single MOD reference number and report submission date to ensure data from one contract is displayed. Multiple contract selections/ report submission dates will show incorrect data.

[Reset Slicers](#)

Contract Name Example Contract 1		
Contracting Company Example Contractor 1		
Contract Completion Date 31 December 2023	Report Type QCR	Submission No. 17

	Estimates (£m)	Actual & Forecasts (£m)	Variance (£m)
Total Price	144.00	217.80	73.80
Total Costs	120.00	188.00	68.00
Of which, Unprofiled	0.00	0.00	0.00

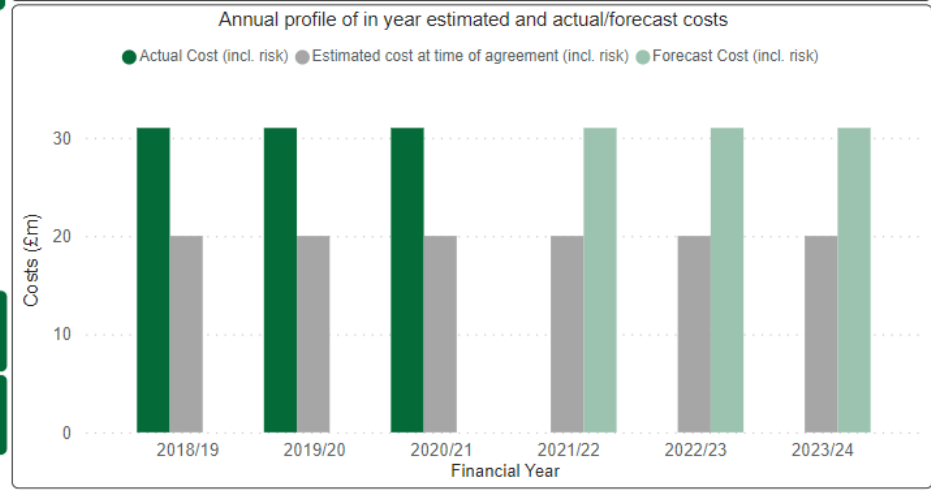
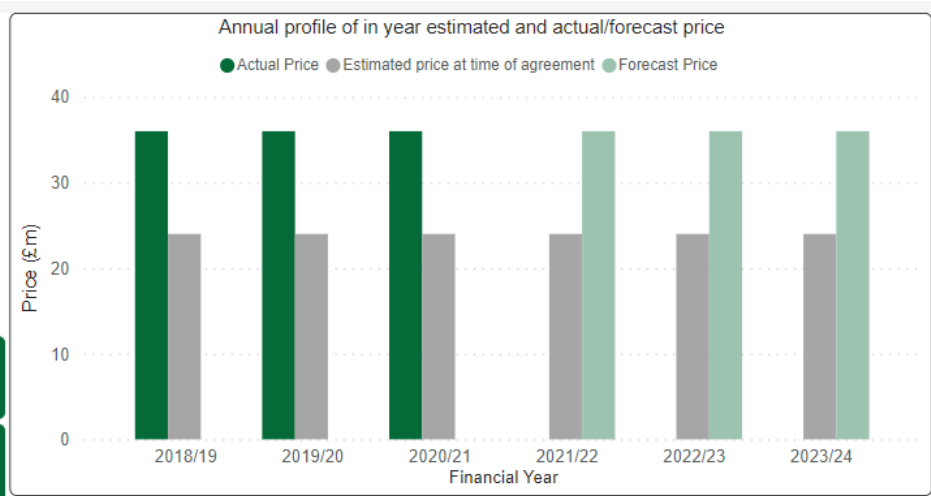
	Total Amount of Variance (£m)	Contract Price by Pricing Method	
Final Actual	11.33	Estimate-based Fee	Fixed Pricing
Provisional Actual	11.33	0	0
Actual & Forecast	11.33	Firm Pricing	Vol-driven Pricing
Forecast	34.00	0	0
		Target Pricing	Cost-plus Pricing
		0.00	144.00

Total Oultum Cost Variance (£m)
68.00

Total Oultum Cost Variance %
57%

Total Oultum Price Variance (£m)
73.80

Total Oultum Price Variance %
51%



Variance Analysis ILLUSTRATIVE DATA ONLY

Operating Centre/Delivery Organisation

All ▼

MOD Reference Number

100000001 ▼

Report Submission Date

All ▼

Reset Slicers

Total Outturn Cost Variance Explained (£m)

68.00

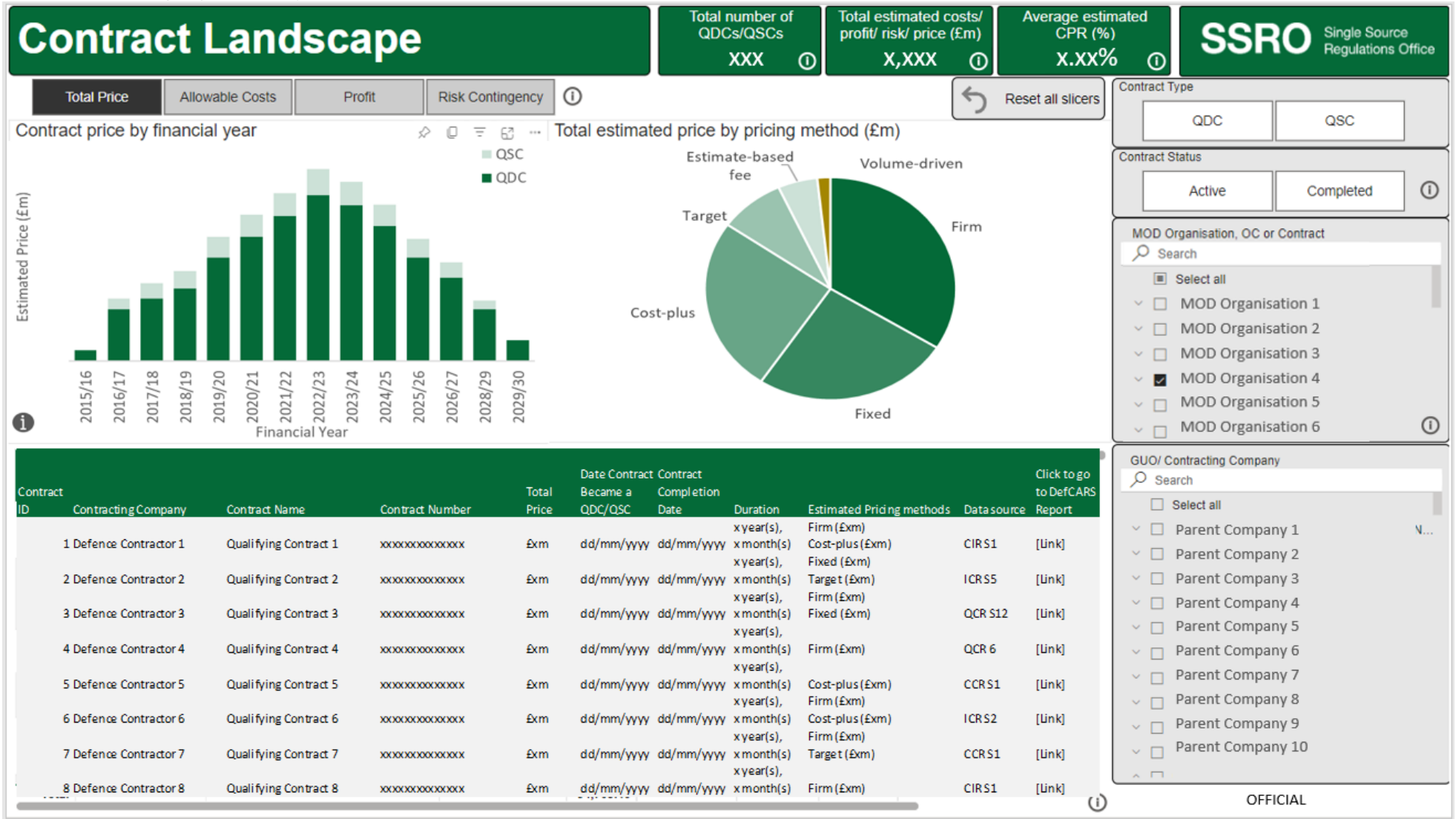
Note: Please select a single MOD reference number to ensure data from one contract is displayed. Multiple contract selections will show incorrect data.

Variance Breakdown

Variance Reported As	Variance Title	Variance Description	Amount of Variance (£m)	% of Total Variance	Allowed for in Risk Contingency?
Cause of Variance	Example Variance Title 2	Example Variance Description 2	-9.10	-13%	False
Cause of Variance	Example Variance Title 1	Example Variance Description 1	4.86	7%	False
Cause of Variance	Example Variance Title 7	Example Variance Description 7	6.28	9%	False
Cause of Variance	Example Variance Title 4	Example Variance Description 4	9.17	13%	False
Cause of Variance	Example Variance Title 3	Example Variance Description 3	12.56	18%	False
Cause of Variance	Example Variance Title 6	Example Variance Description 6	15.45	23%	False
Cause of Variance	Example Variance Title 5	Example Variance Description 5	28.78	42%	False
Total			68.00	100%	

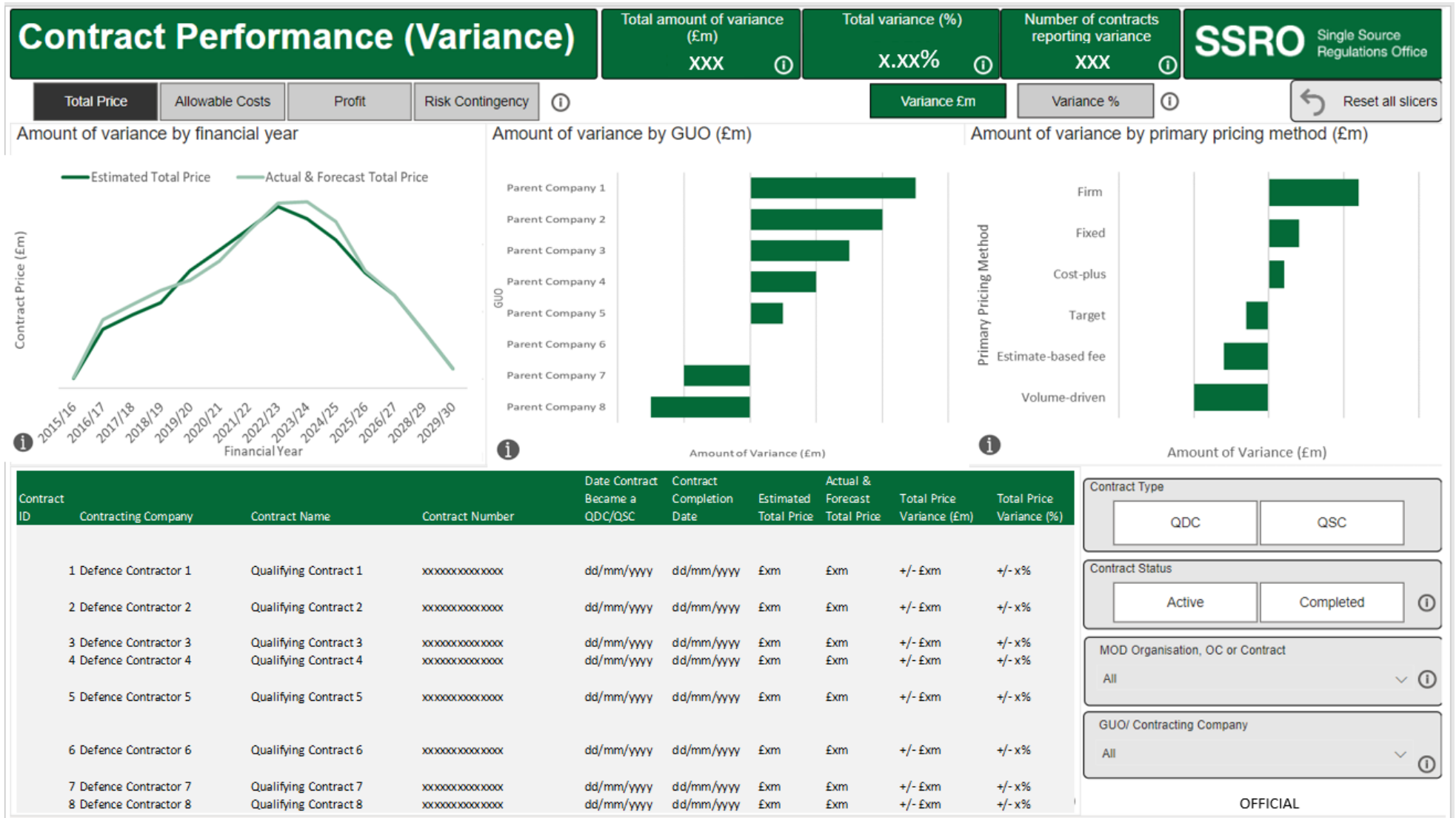
2) Contract Landscape (Variances) MI report

Contract landscape (estimates) ILLUSTRATIVE DATA ONLY



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Contract variance ILLUSTRATIVE DATA ONLY



Contract profit rate variance ILLUSTRATIVE DATA ONLY

Contract Performance (Profit rates)

Average estimated CPR (%)
x.xx%

Average actual/forecast CPR (%)
x.xx%

Reset all slicers

SSRO Single Source Regulations Office

Average profit rate by year contract became a QDC/QSC

Contract Profit Rate (%)

Financial year contract became a QDC/QSC

Amount of profit rate variance (%) by GUO

Amount of Variance (x%)

Contract ID	Contracting Company	Contract Name	Contract Number	Date Contract Became a QDC/QSC	Contract Completion Date	Estimated Total Price	Estimated CPR (%)	Actual & Forecast CPR (%)	Variance in CPR (%)
1	Defence Contractor 1	Qualifying Contract 1	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%
2	Defence Contractor 2	Qualifying Contract 2	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%
3	Defence Contractor 3	Qualifying Contract 3	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%
4	Defence Contractor 4	Qualifying Contract 4	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%
5	Defence Contractor 5	Qualifying Contract 5	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%
6	Defence Contractor 6	Qualifying Contract 6	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%
7	Defence Contractor 7	Qualifying Contract 7	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%
8	Defence Contractor 8	Qualifying Contract 8	xxxxxxxxxxxx	dd/mm/yyyy	dd/mm/yyyy	£xm	x%	x%	+/- x%

Contract Status

QDC QSC

Contract Status

Active Completed ⓘ

MOD Organisation, OC or Contract

Search

Select all

- MOD Organisation 1
- MOD Organisation 2
- MOD Organisation 3
- MOD Organisation 4
- MOD Organisation 5
- MOD Organisation 6

GUO/ Contracting Company

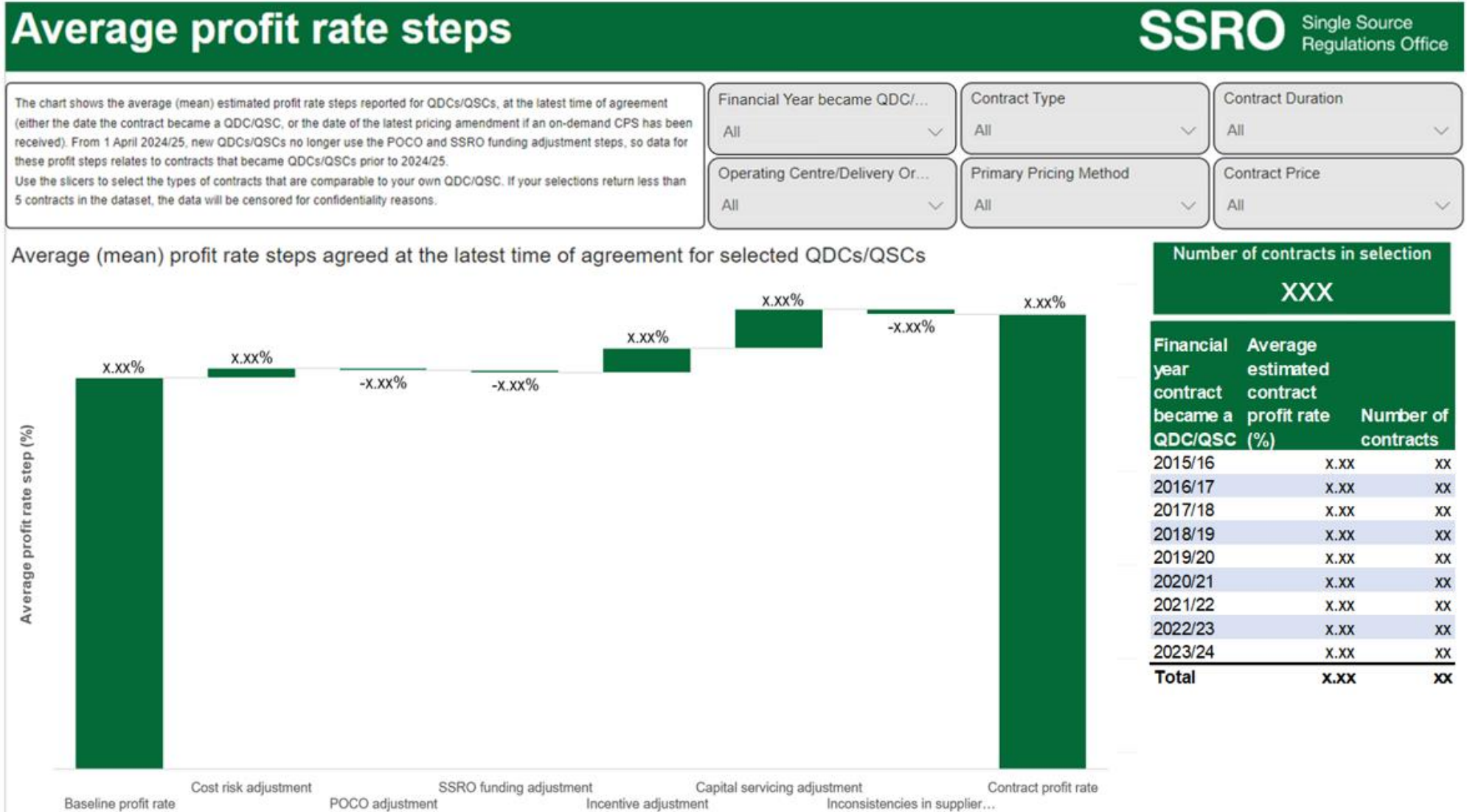
Search

- Parent Company 1
- Parent Company 2
- Parent Company 3
- Parent Company 4
- Parent Company 5
- Parent Company 6
- Parent Company 7
- Parent Company 8
- Parent Company 9
- Parent Company 10
- Parent Company 11
- Parent Company 12

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3) Profit Rate Comparison Tool MI report

Average profit rate steps ILLUSTRATIVE DATA ONLY

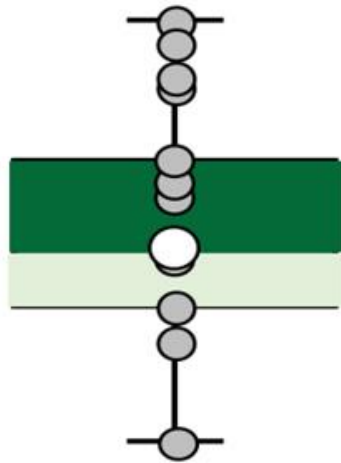


Estimated Contract Profit Rate Comparison

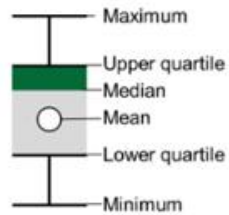
Financial Year be... All	Operating Centre/Delivery Organisation All	Contract Type All	Primary Pricing Method All	Contract Duration All	Contract Price All
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Contract Profit Rate Box Plot

Estimated Contract Profit Rate (%)



Legend:



This box plot shows the range and distribution of all estimated contract profit rates in your selection.

- Each grey dot is an individual contract profit rate.
- 100% of contract profit rates fall within the max and min profit rates in your selection (whiskers).
- Upper quartile – 75% of the contract profit rates in your selected group fall below the upper quartile.
- Median – mid point of the data. Half of the contract profit rates in your selected group are greater than or equal to this value and half are less.
- Lower quartile – 25% of the contract profit rates in your selected group fall below the lower quartile.
- 50% of contract profit rates in your selected group fall between the upper and lower quartile (interquartile range - 'box')

XX
Number of contracts

XX
Maximum

XX
Upper Quartile

XX
Mean

XX
Median

XX
Lower Quartile

XX
Minimum

Use the slicers above to select the types of contracts that are comparable to your own QDC/QSC. The chart and cards to the left will present data relating to the distribution of estimated contract profit rates for these QDCs/QSCs. If your selections return less than 5 contracts in the dataset, the data will be censored for confidentiality reasons.

Select a contract to compare

Select an existing contract from the list below to display its estimated contract profit rate, which you can compare to the values for the group of contracts selected in the slicers. Users can select an existing contract number from any contracts they have permission to view, and the card will show the estimated contract profit rate to compare against the dataset to the left.

Contract Number (please select an option)

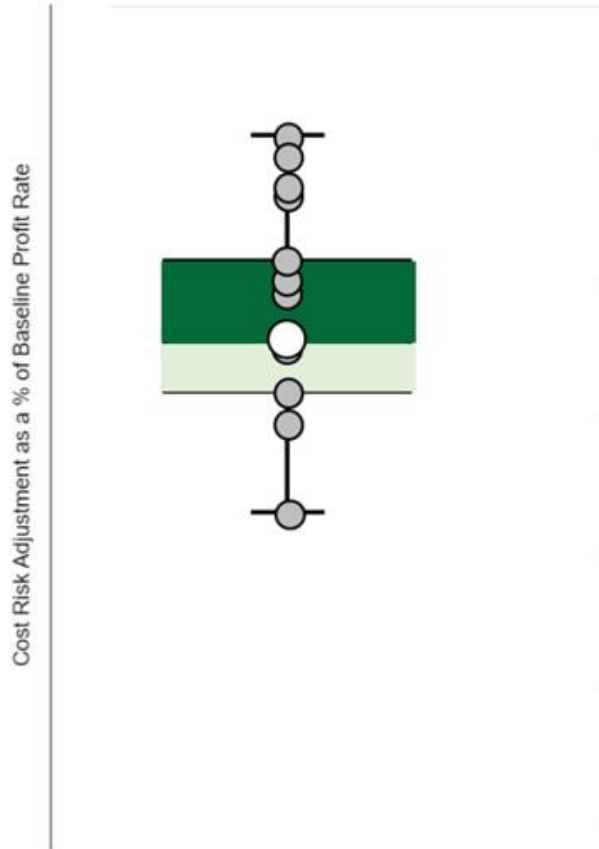
All

- Contract 1
- Contract 2
- Contract 3
- Contract 4
- Contract 5
- Contract 6

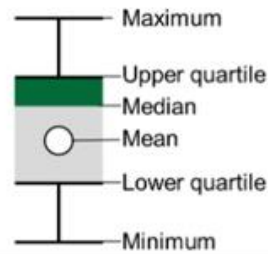
Estimated Cost Risk Adjustment Comparison

Financial Year be... All	Operating Centre/Delivery Organisation All	Contract Type All	Primary Pricing Method All	Contract Duration All	Contract Price All
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Cost Risk Adjustment Box Plot



Legend:



This box plot shows the range and distribution of all estimated CRAs in your selection.

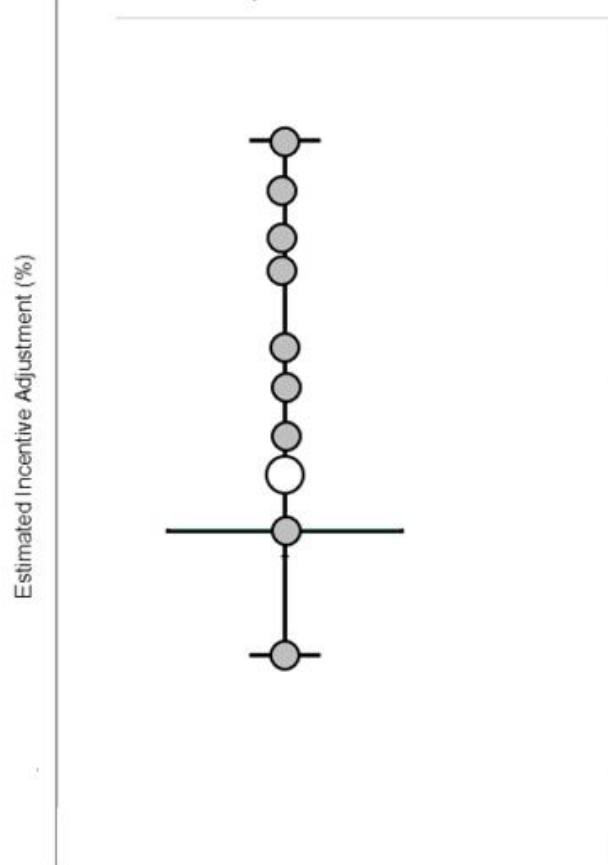
- Each grey dot is an individual CRA.
- 100% of CRAs fall within the max and min CRAs in your selection (whiskers).
- Upper quartile – 75% of the CRAs in your selected group fall below the upper quartile.
- Median – mid point of the data. Half of the CRAs in your selected group are greater than or equal to this value and half are less.
- Lower quartile – 25% of the CRAs in your selected group fall below the lower quartile.
- 50% of CRAs in your selected group fall between the upper and lower quartile (interquartile range - 'box')

XX Number of contracts	<p>Use the slicers above to select the types of contracts that are comparable to your own QDC/QSC. The chart and cards to the left will present data relating to the distribution of estimated cost risk adjustments for these QDCs/QSCs. If your selections return less than 5 contracts in the dataset, the data will be censored for confidentiality reasons. The cost risk adjustment must be within a range of plus or minus 25% of the baseline profit rate. Some contracts have reported cost risk adjustments that fall outside of the +/- 25% threshold, and this data is presented as reported by contractors.</p> <p>Select a contract to compare</p> <p>Select an existing contract from the list below to display its estimated cost risk adjustment, which you can compare to the values for the group of contracts selected in the slicers. Users can select an existing contract number from any contracts they have permission to view, and the card will show the estimated cost risk adjustment to compare against the dataset to the left.</p> <p>Contract Number (please select an option) All</p> <p>(Blank) CRA for selected contract</p>
XX% Maximum	
XX% Upper Quartile	
XX% Mean	
XX% Median	
XX% Lower Quartile	
XX% Minimum	

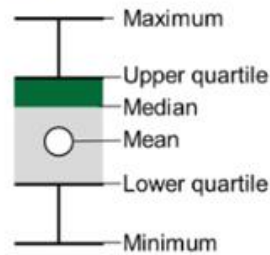
Estimated Incentive Adjustment Comparison

Financial Year be... All	Operating Centre/Delivery Organ... All	Contract Type All	Primary Pricing Method All	Contract Duration All	Contract Price All
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Estimated Incentive Adjustment Box Plot



Legend:



This box plot shows the range and distribution of all estimated incentive adjustments in your selection.

- Each grey dot is an individual incentive adjustment.
- 100% of incentive adjustments fall within the max and min incentive adjustments in your selection (whiskers).
- Upper quartile – 75% of the incentive adjustments in your selected group fall below the upper quartile.
- Median – mid point of the data. Half of the incentive adjustments in your selected group are greater than or equal to this value and half are less.
- Lower quartile – 25% of the incentive adjustments in your selected group fall below the lower quartile.
- 50% of incentive adjustments in your selected group fall between the upper and lower quartile (interquartile range - 'box')

XX Number of contracts
XX Maximum
XX Upper Quartile
XX Mean
XX Median
XX Lower Quartile
XX Minimum

Use the slicers above to select the types of contracts that are comparable to your own QDC/QSC. The chart and cards to the left will present data relating to the distribution of estimated incentive adjustments for these QDCs/QSCs. If your selections return less than 5 contracts in the dataset, the data will be censored for confidentiality reasons.

Select a contract to compare

Select an existing contract from the list below to display its estimated incentive adjustment, which you can compare to the values for the group of contracts selected in the slicers. Users can select an existing contract number from any contracts they have permission to view, and the card will show the incentive adjustment to compare against the dataset to the left.

Contract Number (please select an option)

(Blank)
Incentive adjustment for selected contract

Contract Profit Rates by QDC ILLUSTRATIVE DATA ONLY

Estimated Contract Profit Rates by QDC

SSRO Single Source Regulations Office

The chart shows the estimated contract profit rates for all contracts that became a QDC/QSC in the selected financial year, as well as the average (mean) contract profit rate for the selected financial year. The data is anonymised to allow users to see profit rate data for contracts they do not have access to in DefCARS.

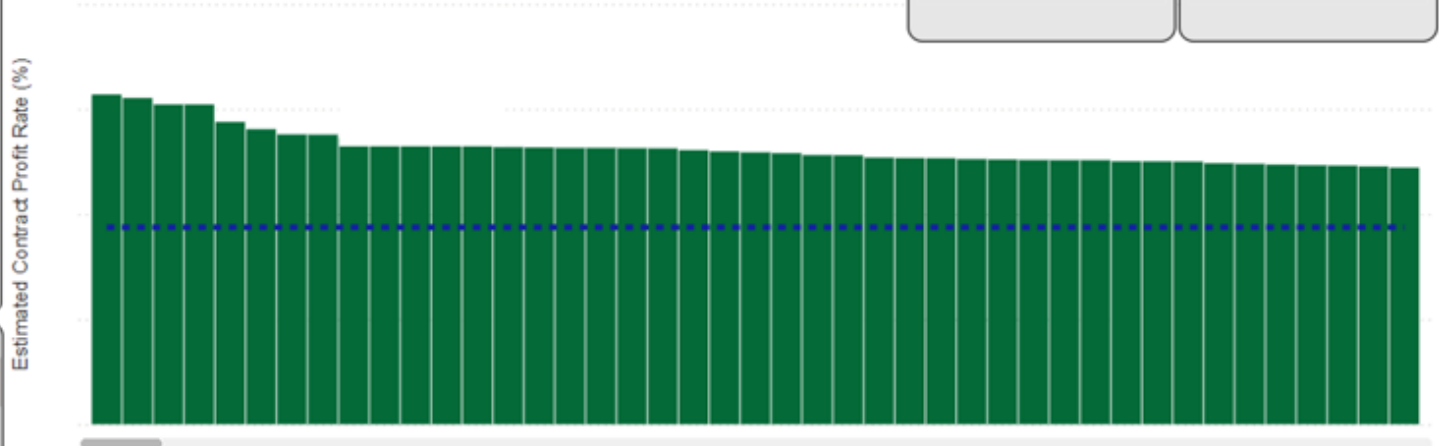
The table shows detailed contract information for named contracts that you do have permission to see in DefCARS. Users can click on a GUO or contracting company in the slicer below to filter this table down to a specific company.

Estimated Contract Profit Rates by QDC/QSC

● Contract Profit Rates (%) ● Average Contract Profit Rate (%)

Financial Year became...
All

Contract Type
All



GUO/Contracting Company

- GUO 1
- GUO 2
- GUO 3
- GUO 4
- GUO 5
- GUO 6
- GUO 7
- GUO 8
- GUO 9
- GUO 10
- GUO 11
- GUO 12
- GUO 13
- GUO 14
- GUO 15
- GUO 16
- GUO 17
- GUO 18
- GUO 19

Contracting Company	Contract Number	Contract Name	Estimated Contract Profit Rate (%)	Financial Year contract became a QDC/QSC
Company A	000000001	Contract 1	x.xx	2015/16
Company B	000000002	Contract 2	x.xx	2016/17
Company C	000000003	Contract 3	x.xx	2017/18
Company D	000000004	Contract 4	x.xx	2018/19
Company E	000000005	Contract 5	x.xx	2019/20
Company F	000000006	Contract 6	x.xx	2020/21
Company G	000000007	Contract 7	x.xx	2021/22
Company H	000000008	Contract 8	x.xx	2022/23
Company I	000000009	Contract 9	x.xx	2023/24
Average estimated CPR			x.xx	

4) Defined Pricing Structure (DPS) Explorer MI report
 DPS Explorer (contract level) ILLUSTRATIVE DATA ONLY

DPS Explorer (contract level)

Number of DPS lines selected
 [xx] ⓘ

Estimated contract cost associated with DPS lines (£m)
 £[x]m ⓘ

Actual & Forecast contract cost associated with DPS lines (£m)
 £[x]m ⓘ

SSRO

Single Source Regulations Office

Please select a MOD organisation
 All ▼

Please select a contract number
 xxxxxxxx ▼

Contract Name
 Contract 1

DPS template selected
 Missile Systems

Report data is sourced from (click to go to report)
 ICRH S1 ⓘ

● Estimate ● Actual and Forecast

Financial Year

DPS Code (Level 1)	DPS Code (Level 2)	DPS Code (Level 3)	DPS Code (Level 4)	DPS Name	Data Status	Financial Year
1	1.1	1.1.1	1.1.1.1	[xxxxxxx]	Detailed cost data by financial year and data status (estimates and actual/forecast)	
			1.1.1.2	[xxxxxxx]		
			1.1.1.3	[xxxxxxx]		
	1.1.2	1.1.2.1	[xxxxxxx]			
		1.1.2.2	[xxxxxxx]			
		1.2.1	1.2.1.1	[xxxxxxx]		
	1.2	1.2.1	1.2.1.2	[xxxxxxx]		
			1.2.2.1	[xxxxxxx]		
			1.2.2.2	[xxxxxxx]		
		1.2.2	1.2.2.3	[xxxxxxx]		
			1.2.3.1	[xxxxxxx]		
			1.2.3.2	[xxxxxxx]		

DPS Explorer ILLUSTRATIVE DATA ONLY

DPS Explorer

↶ Clear all slicers

Number of selected DPS lines reported against
[xx] ⓘ

Number of QDCs/QSCs using selected DPS lines
[xx] ⓘ

Estimated contract costs for selected DPS lines (£m)
£[x]m ⓘ

SSRO

Single Source
Regulations Office

Keyword search ⓘ

Search for a key word across all DPS templates
 All ▾

DPS structure explorer ⓘ

Please select a DPS line, or multiple DPS lines you would like to view data for.

- Select All
- Ancillary services
- Fixed wing aircraft
- IT System
- Missile system
- Ordnance system
- Radar and communications system
- Rotary wing aircraft
- Specialist equipment type
- Submarine
- Surface ship
- Surface Vehicle System
- Track Vehicle
- Unmanned Aerial Vehicle (UAV)
- Unmanned Maritime Systems (UMS)
- Weapon system
- Wheeled Armoured Vehicle

Summary of selected DPS lines:

DPS Template	DPS Code	DPS Name
Missile system	1	Missile system
Missile system	1.1	Air Vehicle
Missile system	1.1.1	Airframe
Missile system	1.1.11	Missile system Initiation Set
Missile system	1.1.12	On Board test equipment

Contracting Company	MOD Contract Number	Contract Title	DPS Template	DPS Code	DPS Name	Estimated Contract cost (£m)
Summary of all contracts that report using the selected DPS lines (Contract details and total estimated costs)						

[Click here to see the annual cost profiles of the contracts with the selected DPS lines, including actual & forecasts.](#)

Annual Cost Profiles ILLUSTRATIVE DATA ONLY

Annual cost profiles

Estimated contract costs associated with selected DPS lines (£m)
 £[x]m ⓘ

Actual/forecast contract costs associated with selected DPS lines (£m)
 £[x]m ⓘ

← Clear all slicers

Please select at least one DPS line with associated cost data on the 'DPS explorer' page, for data to appear here.

View estimates and actual/forecasts
View variances

Contracting Company
 All ▼

MOD Organisation/ Contract Number
 All ▼

Actual and Forecast
Estimate

● Actual and Forecast
● Estimate

Financial Year

DPS Template	DPS Code (Level 2)	DPS Code (Level 3)	DPS Code (Level 4)	DPS Name	Contracting Company	Contract Number	Contract Name	Click to go to DefCARS Report	Data Status	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23

Table showing the detailed annual cost profiles for all contracts that use the selected DPS lines, including estimates and actual/forecasts

Further information

If you have any queries about the MI provided to the MOD, please contact the SSRO Helpdesk: helpdesk@ssro.gov.uk Tel: 020 3771 4785