



Data Governance Quality Index Visualization User Manual for PMO, DMEO and M/D Users

Version 1.2

Data Governance Quality Index

Revision History:

Revision No	Revision Date	Revision By	Approved Date	Approved By	Description
1.0	08-11-2021	Pranav Rana	26-11-2021	Syamala Sharma Mokshi Chug	Initial Copy
1.1	21-12-2021	Pranav Rana	24-12-2021	Syamala Sharma Praveen Verma	update headers
1.2	17-02-2022	Somnath Mitra	18-02-2022		

Data Governance Quality Index

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Data Governance Quality Index

1 Preface

The first round of Data Governance Quality Index used a portal to collect information on the questionnaire from Ministries and Departments. The data collection was done as a one-time, data entry exercise which did not require very elaborate tool to perform the required tasks. However, as envisioned in the letter from PMO, the DGQI will continue as an on-going exercise with increased scope and complexity. Therefore, a new DGQI dashboard/ portal will need to be developed to support the required features of the activity. The main features of the dashboard would include quarterly/ ongoing basis updation of data, a separate module for broad action points, back-end support for Index score calculation and ranking, visualization of score and ranking among others.

About the dashboard:

Dashboard is created for the DEMO Admin to calculate DGQI scores of Ministry or Department, pillar or theme wise score, scheme & NSI wise DGQI score, action points compliance, summary of ministry of department DGQI score, and trend analysis.

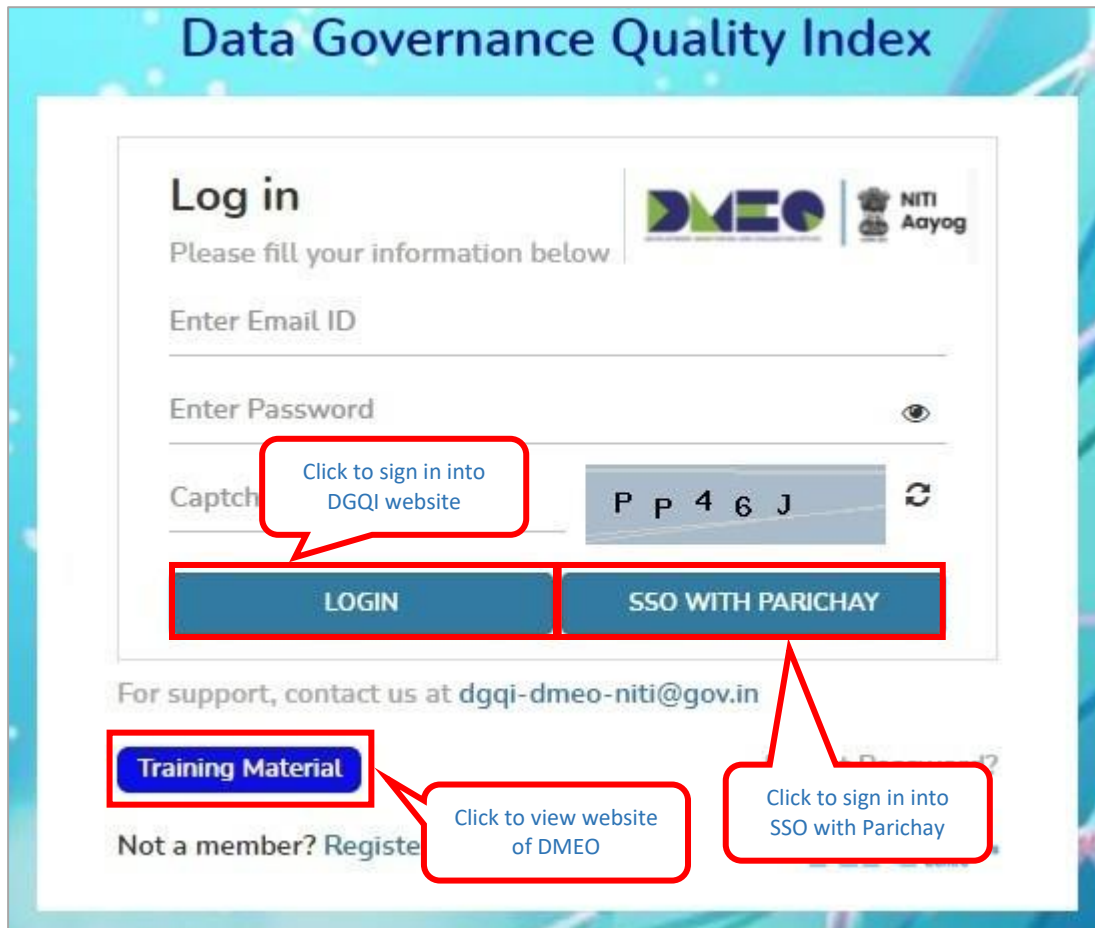
This manual illustrates the functionality for Visualization Module, how DEMO admin can calculate and view various scores of questionnaires. Care is taken to explain each function minutely.

Data Governance Quality Index

2 Login

Enter site URL- <https://dgqi.gov.in/> in browser press enter key.

Login screen will be displayed.



Data Governance Quality Index

Log in
Please fill your information below

Enter Email ID

Enter Password

Captcha: P P 4 6 J

LOGIN **SSO WITH PARICHAY**

For support, contact us at dgqi-dmeo-niti@gov.in

Training Material

Not a member? Register

Figure 2-1

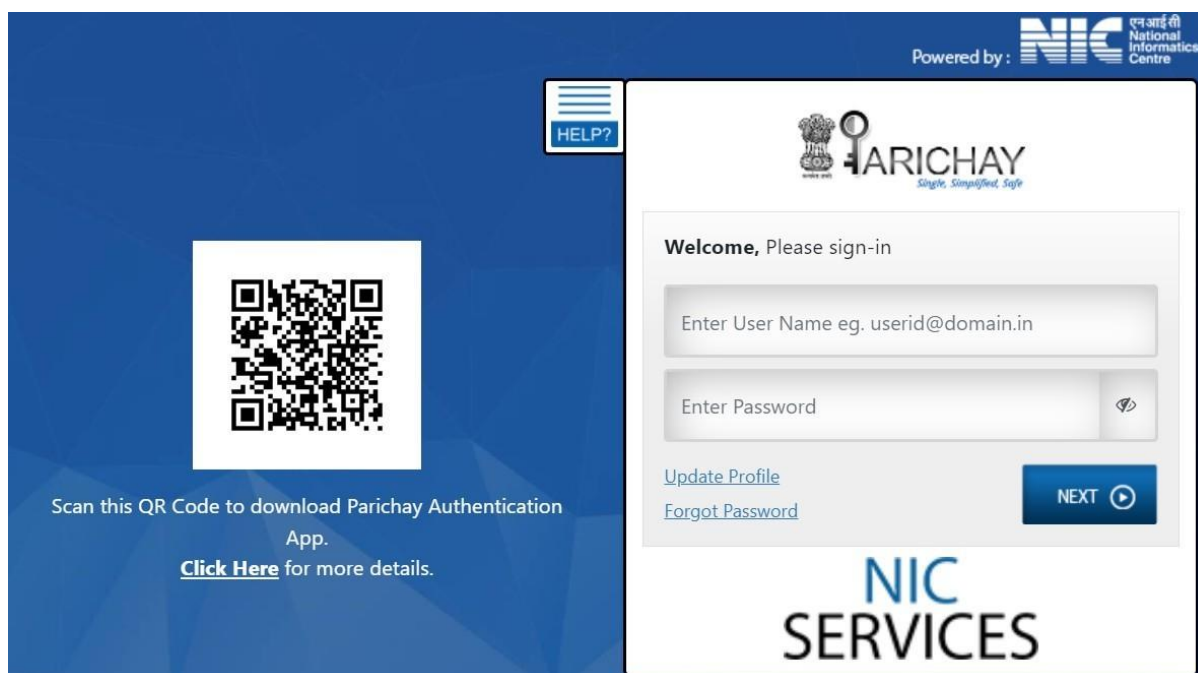
- Enter user ID and password
- Enter CAPTCHA code as displayed
- Click [Forgot Password?](#) link in case of forgotten password.
- Click **LOGIN** to sign in into DGQI
- Click **Training Material** to view the website of DMEO

Note: The above log-in process will be same for all users (DMEO Admin, DMEO User, M/D Admin, M/D Data Entry) who have done **Normal Registration**.

Data Governance Quality Index

For all users who have **Registered Through Parichay**, users may follow below steps:

- Click [SSO WITH PARICHAY](#) to sign in
- Users will be redirected to the Parichay log-in screen as below



The image shows the Parichay login interface. On the left, there is a QR code with the text "Scan this QR Code to download Parichay Authentication App. [Click Here](#) for more details." On the right, the login form is titled "Welcome, Please sign-in". It contains two input fields: "Enter User Name eg. userid@domain.in" and "Enter Password". Below the password field are links for "Update Profile" and "Forgot Password". A "NEXT" button with a right arrow is at the bottom right. The top right corner says "Powered by: NIC National Informatics Centre". The bottom of the form has the "NIC SERVICES" logo.

- User will use their NIC email ids (.nic/.gov/. govcontractor) and password to log-in to the DGQI Dashboard.

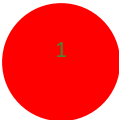
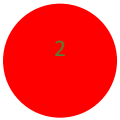

Data Governance Quality Index

3 Dashboard




Figure 3-1

Data Governance Quality Index

	<p>Displays summary performance with following information:</p> <ul style="list-style-type: none"> Overall DGQI score - govt. of India in speedometer with lowest score (in red needle), average score (in blue needle), and highest score (in green needle). On mouseover needle will display lowest score, average score, and highest score in popup. Trend Analysis - Govt. of India Overall DGQI Score bar graph with DGQI-1 and DGQI-2 on X axis and overall DGQI score on Y axis. On mouseover of bar, popup will be displayed with DGQI score of total 5.
	<p>Displays pillar wise score with following information:</p> <ul style="list-style-type: none"> Data strategy - govt. of India speedometer with lowest score (in red needle), average score (in blue needle), and highest score (in green needle). On mouseover needle will display lowest score, average score, and highest score in popup. Data Systems - Govt. of India speedometer with lowest score (in red needle), average score (in blue needle), and highest score (in green needle). On mouseover needle will display lowest score, average score, and highest score in popup. Data driven outcomes - Govt. of India speedometer with lowest score (in red needle), average score (in blue needle), and highest score (in green needle). On mouseover needle will display lowest score, average score, and highest score in popup.
	<p>Displays key insights with following information:</p> <ul style="list-style-type: none"> Distribution of DGQI scores across M/Ds bar graph with DGQI score on X axis (0<=1, >1<=2, >2<=3, >3<=4, >4<=5) number of M/Ds on Y axis. On mouseover bar will display ministry score. Top 5 M/D DGQI Score bar graph with ministries on X axis and DGQI score on Y axis. On mouseover bar will display ministry score. Scheme-type wise DGQI score bar graph with CS, CSS and NSI on X axis and scheme type wise DGQI score on Y axis. On mouseover bar will display scheme type wise DGQI core. Distribution of action point compliance across M/Ds bar graph with DGQI score (>75%, 50-75%, and <50%) and numbers of MDs on Y axis. On mouseover bar will display ministry. Category wise Average DGQI Score bar graph with category on X axis and category wise DGQI score on Y axis. On mouseover bar category DGQI score out of 5.

Data Governance Quality Index

	<ul style="list-style-type: none">• If user has any query on the dashboard, they can drop an email to the support email id : dgqi-dmeo-niti@gov.in given at the bottom of the landing page.
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Data Governance Quality Index

4 Detailed Performance

4.1 Ministries/Departments

Displays ministries or department wise DGQI score.

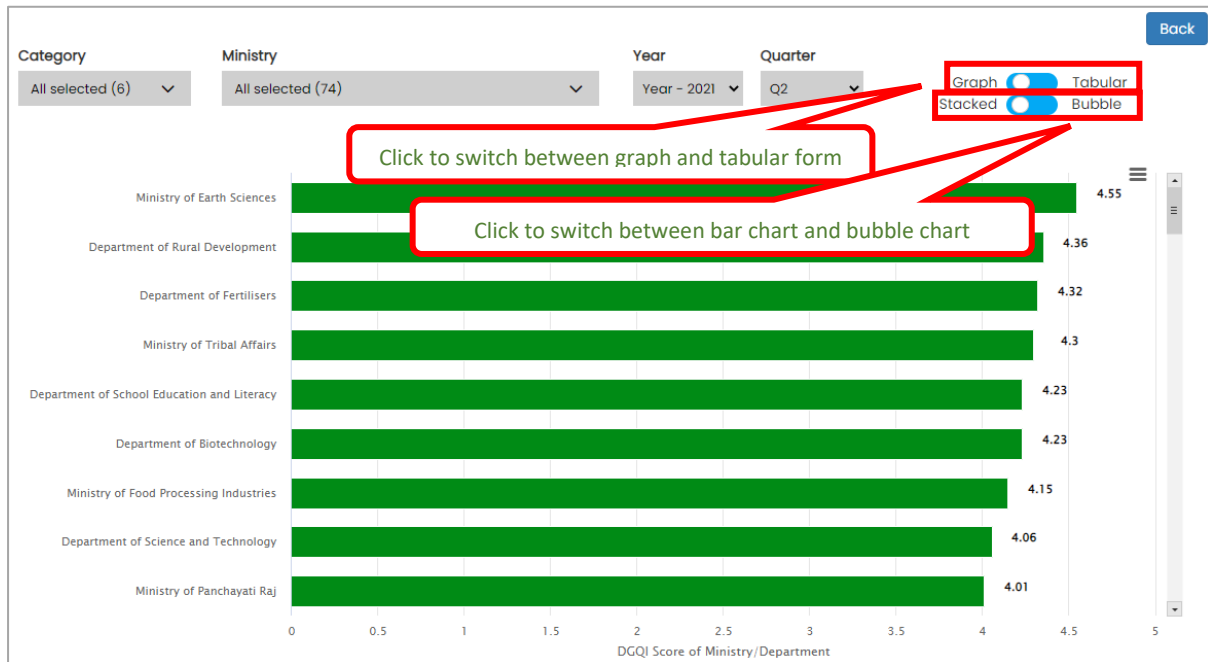


Figure 4-1

Enter following details:

- Select category from dropdown menu. There are 6 categories Admin, Economic, Infrastructure, Scientific, Social, Strategic, Skill Development and Entrepreneurship. Administrator can select multiple categories by checking ☐ checkboxes.
- Based on the selection of category, select ministry from dropdown by checking ☐ checkboxes
- Select year from dropdown
- Select quarter from dropdown
- Click ☒ to switch between graph and tabular form
- Click ☒ to switch between bar chart and bubble chart

Note: If administrator does not select anything from dropdown, by default all category, ministry, current year and quarter 2 will be displayed.

Data Governance Quality Index

4.1.1 Graph Form

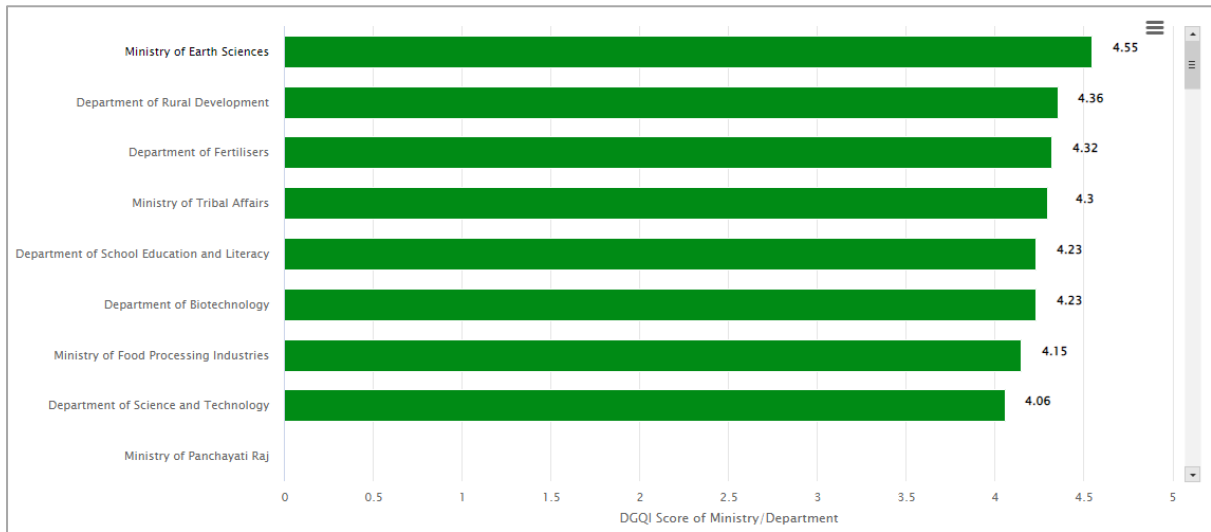



Figure 4-2

On X axis DGQI score of ministry/department will be displayed. The range is displayed in such a manner that data comes under 5. On Y axis various ministries are displayed. All the scores in the graph will be displayed in descending order, the highest score will be displayed first and lowest score will be displayed last.

Scores are calculated based on the data filled by ministry.

Click  to view chart in full screen, print chart, and download.

Click ministry on Y axis;

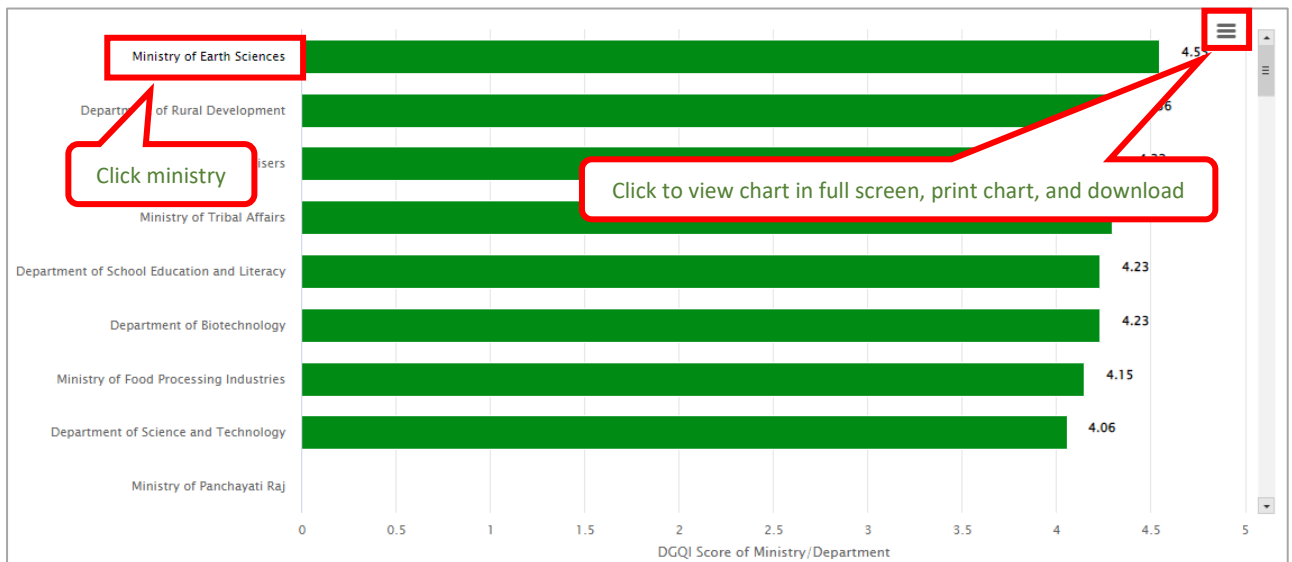
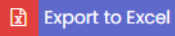


Figure 4-3

Overall performance of selected category, ministry, quarter and year is displayed;

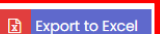
Data Governance Quality Index

Click  to get DGQI score in Excel

Category
Ministry
Year
Quarter
Back

Scientific
Ministry of Earth Sciences
Year - 2021
Q2

M/D Overall Performance for Q2, Year - 2021 DGQI Score

Click to get DGQI score in 

Total no. of CS/CSS/NSI	DGQI Average Score	Distance to Frontier	PartA - Details Response by M/D	PartB - Details Response by M/D
5	4.55	0.45	PartA - Detailed Response by M/D	PartB - Detailed Response by M/D

Number of CS	CS Average Score	Distance to Frontier	View M/D Best/Worst Performing CS
5	4.55	0.45	

Number of CSS	CSS Average Score	Distance to Frontier	View M/D Best/Worst Performing CSS
0	NA	NA	

Number of NSI	NSI Average Score	Distance to Frontier	View M/D Best/Worst Performing NSI
0	NA	NA	

Action Point Compliance

Number of Action Points	No. of Completed Action Points	Percentage Compliance
1	1	100.00

Data Strategy Unit

DSU constituted?	DSU functional?
Yes	Yes

Figure 4-4

Category, ministry, year and quarter will be displayed automatically in dropdown.

Total no. of CS/CSS/NSI, DGQI Average Score, and distance to frontier will be displayed with part A - details response by M/D, part B - details response by M/D, and best/worst performing CS scheme.

Action Point Compliance will be displayed with number of action points, number of completed action points, and percentage compliance.

Data Strategy Unit will be displayed with questions and answers.

Click [PartA - Details Response by M/D](#) to view part A- details response by M/D

Data Governance Quality Index

Category
Ministry
Year
Quarter
Back

Scientific
Ministry of Earth Sciences
Year - 2021
Q2

M/D Overall Performance for Q2, Year - 2021 DGQI Score
Click to go back to previous
Export to Excel

Total no. of CS/CSS/NSI
DGQI Average Score
Distance to Frontier
PartA - Details Response by M/D
PartB - Details Response by M/D

5
4.55
0.45
PartA - Detailed Response by M/D
PartB - Detailed Response by M/D

Number of CS
CS Average Score
Distance to Frontier
View M/D Best/Worst Performing CS

5
4.55
0.45
View M/D Best/Worst Performing CS

Number of CSS
CSS Average Score
Distance to Frontier
View M/D Best/Worst Performing CSS

0
NA
NA
View M/D Best/Worst Performing CSS

Number of NSI
NSI Average Score
Distance to Frontier
View M/D Best/Worst Performing NSI

0
NA
NA
View M/D Best/Worst Performing NSI

Action Point Compliance

Number of Action Points
No. of Completed Action Points
Percentage Compliance

1
1
100.00

Data Strategy Unit

DSU constituted?
DSU functional?

Yes
Yes

Figure 4-5

Click [Back](#) to go back to previous screen


Click part A - details response by M/D;

	Score	
Data Strategy (Pillar)	4.77	-
A). Data & Strategy Unit (Theme)	4.60	+
B). Action Plan (Theme)	4.75	+
Data Driven Outcomes (Pillar)		-
A). Synergistic data use within the M/D (Theme)	4.20	+
B). Inter-Agency Data Collaboration (Theme)	4.00	+
C). Prescriptive Analytics (Theme)	3.25	+
D). Good Practices (Theme)	0.00	+

Figure 4-6

Data Governance Quality Index

Pillar and theme wise scores are displayed;

Click  to expand theme or pillar

Theme details will be displayed with following column headings:

Question-	Answer	Score
1) Has the M/D constituted a Data & Strategy Unit (DSU) as a central unit for developing data strategy? (as per the D.O. letter from Sh. Bhaskar Khulbe, Advisor to PM dated 02.02.2021)	<input checked="" type="radio"/> Yes <input type="radio"/> No	5.00
2) (Respond if answer to 1 is 'yes', else skip to Q1 of next section) Who is the head of the DSU?	<input type="radio"/> AS <input checked="" type="radio"/> JS <input type="radio"/> Director <input type="radio"/> Below Director	5.00
3) Please select the verticals established under the DSU of your Ministry/Department. (as per the D.O. letter from Sh. Bhaskar Khulbe, Advisor to PM dated 02.02.2021)	<input checked="" type="checkbox"/> Monitoring Unit <input checked="" type="checkbox"/> Statistics Unit <input type="checkbox"/> Technology Unit <input type="checkbox"/> Analytics Unit	3.00
4) Please provide the percentage of filled posts in DSU (number of posts filled up/ number of posts created by the Ministry/Department for the DSU) in the below provided table:	Monitoring Unit <input type="text" value="10"/> Statistics Unit <input type="text" value="20"/> Technology Unit <input type="text" value="20"/>	0.00

Figure 4-7

- Question
- Answer
- Score

Note: Part B- details response by M/D is similar to Part A- details response by M/D

Data Governance Quality Index

Category
Ministry
Year
Quarter
Back

Scientific
Ministry of Earth Sciences
Year - 2021
Q2

M/D Overall Performance for Q2, Year - 2021 DGQI Score
Export to Excel

Total no. of CS/CSS/NSI
5

DGQI Average Score
4.55

Distance to Frontier
0.45

PartA - Details Response by M/D
PartB - Details Response by M/D

Number of CS
5

CS Average Score
4.55

Distance to Frontier
0.45

View M/D Best/Worst Performing CS

Number of CSS
0

CSS Average Score
NA

Distance to Frontier
NA

View M/D Best/Worst Performing CSS

Number of NSI
0

NSI Average Score
NA

Distance to Frontier
NA

View M/D Best/Worst Performing NSI

Action Point Compliance

Number of Action Points
1

No. of Completed Action Points
1

Percentage Compliance
100.00

Data Strategy Unit

DSU constituted?
Yes

DSU functional?
Yes

Figure 4-8

Best and worst performing scheme score will be displayed with following column headings:

View M/D Best/Worst Performing CS				
Best Performing			Worst Performing	
Sr.No.	Scheme Name	Score	Sr.No.	Score
1	Atmosphere and Climate Research - Modelling Observing Systems and Services (ACROSS)	4.70	1	Polar Science and Cryosphere (PACER)

Figure 4-9

- Sr.No.
- Scheme Name
- Score

Note: If the scheme score is same in best performing, then it will display both scores. Similarly if the scheme score is same in worst performing, then it will display both scores.

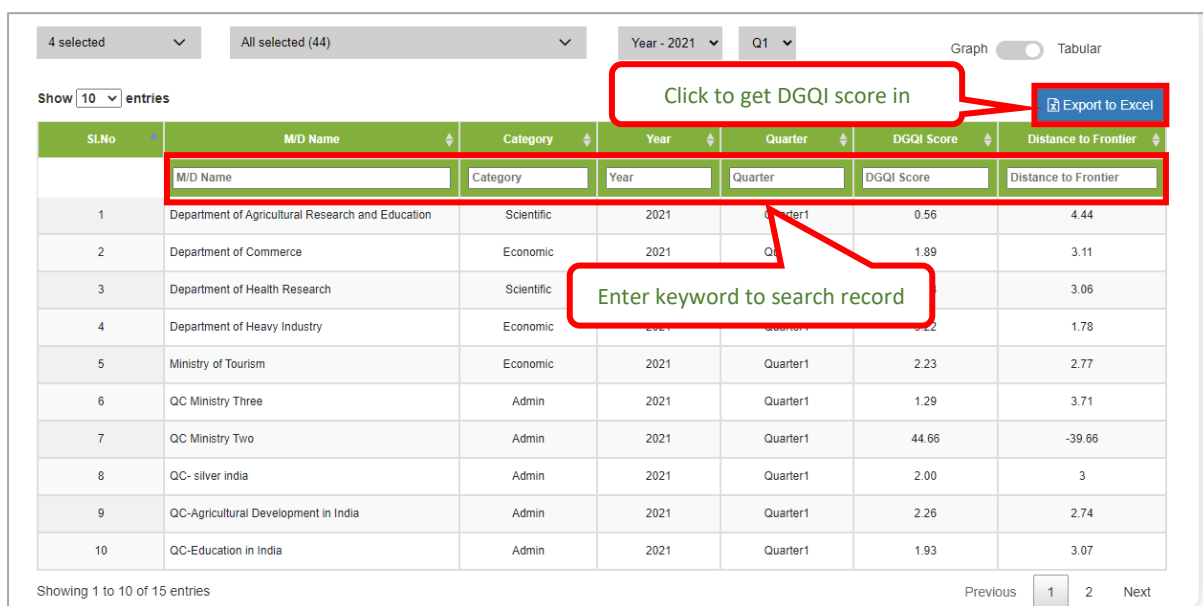
Data Governance Quality Index

4.1.2 Tabular Form

Tabular form will be displayed based on the selection of category, ministry, year and quarter

Click [Export to Excel](#) to get DGQI score in Excel

Ministry or department wise DGQI score will be displayed with following column headings:



4 selected | All selected (44) | Year - 2021 | Q1 | Graph | Tabular

Show 10 entries

SLNo	M/D Name	Category	Year	Quarter	DGQI Score	Distance to Frontier
1	Department of Agricultural Research and Education	Scientific	2021	Quarter1	0.56	4.44
2	Department of Commerce	Economic	2021	Quarter1	1.89	3.11
3	Department of Health Research	Scientific	2021	Quarter1	3.22	3.06
4	Department of Heavy Industry	Economic	2021	Quarter1	3.22	1.78
5	Ministry of Tourism	Economic	2021	Quarter1	2.23	2.77
6	QC Ministry Three	Admin	2021	Quarter1	1.29	3.71
7	QC Ministry Two	Admin	2021	Quarter1	44.66	-39.66
8	QC- silver india	Admin	2021	Quarter1	2.00	3
9	QC-Agricultural Development in India	Admin	2021	Quarter1	2.26	2.74
10	QC-Education in India	Admin	2021	Quarter1	1.93	3.07

Showing 1 to 10 of 15 entries | Previous | 1 | 2 | Next

Figure 4-10

- SI. No
- M/D Name
- Category
- Year
- Quarter
- DGQI Score
- Distance to Frontier (Distance to frontier= 5 - DGQI score)

Administrator can search the record typing keyword under specific column heading

Data Governance Quality Index

4.1.3 Bubble Chart



Figure 4-11

Enter following details:

- Select category from dropdown menu. There are 6 categories Admin, Economic, Infrastructure, Scientific, Social, Strategic, Skill Development and Entrepreneurship. Administrator can select multiple categories by checking ☐ checkboxes.
- Based on the selection of category, select ministry from dropdown by checking ☐ checkboxes
- Select year from dropdown
- Select quarter from dropdown

Click [Back](#) to go to previous screen

Note: If administrator does not select anything from dropdown, by default all category, ministry, current year and quarter 2 will be displayed.

On X axis no of schemes will be displayed. On Y axis overall DGQI score will be displayed.


On mouse hover of bubble, popup will be displayed with following details:

Data Governance Quality Index



Figure 4-12

- Name
- Total Schemes
- Total Budget
- Overall DGQI score

Click  to view chart in full screen, print chart, and download.

Data Governance Quality Index

4.2 Themes and Pillars



Figure 4-13

Enter following details:

- Select category from dropdown menu. There are 6 categories Admin, Economic, Infrastructure, Scientific, Social, Strategic, Skill Development and Entrepreneurship. Administrator can select multiple categories by checking ☐ checkboxes.
- Based on the selection of category, select ministry from dropdown by checking ☐ checkboxes
- Select year from dropdown
- Select quarter from dropdown
- Select pillar from dropdown
- Select theme from dropdown. This option is available only if the administrator has click pillar ☒ in toggle button
- Click ☒ to switch between graph and tabular form
- Click ☒ to switch between pillar chart and theme

Note: If administrator does not select anything from dropdown, by default all category, ministry, current year and quarter 2 will be displayed.

Data Governance Quality Index

4.2.1 Graph Form

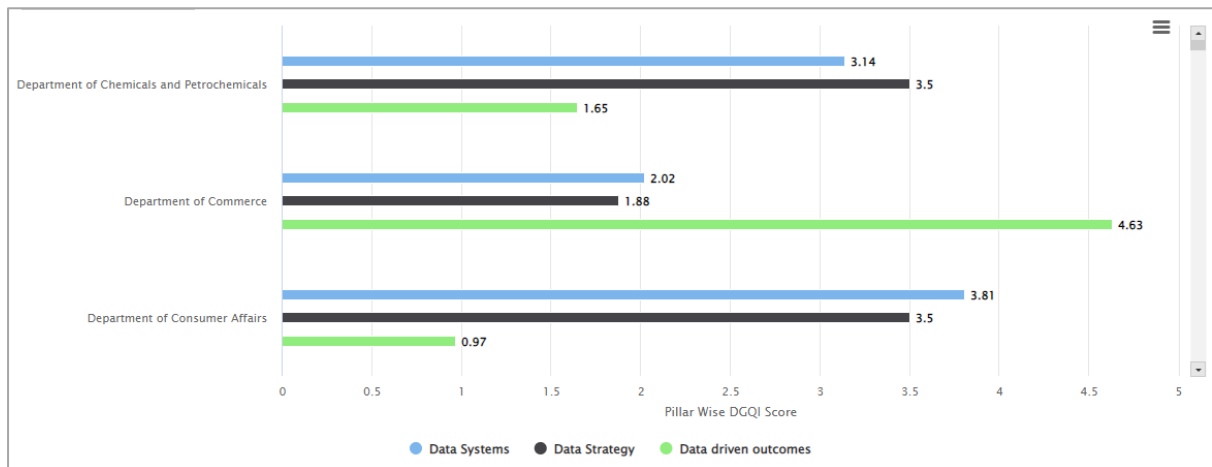



Figure 4-14

Graph displays pillar (data systems in **sky blue** color, data strategy in **black color**, and data driven outcomes in **green color**) wise DGQI score of ministry or department. On X axis range is displayed in such a manner that data comes under 5. On Y axis various ministries are displayed.

Scores are calculated based on the data filled by ministry.

On mouse hover of pillar, particular pillar will be highlighted in the graph.

Click  to view chart in full screen, print chart, and download.

Click ministry on Y axis;

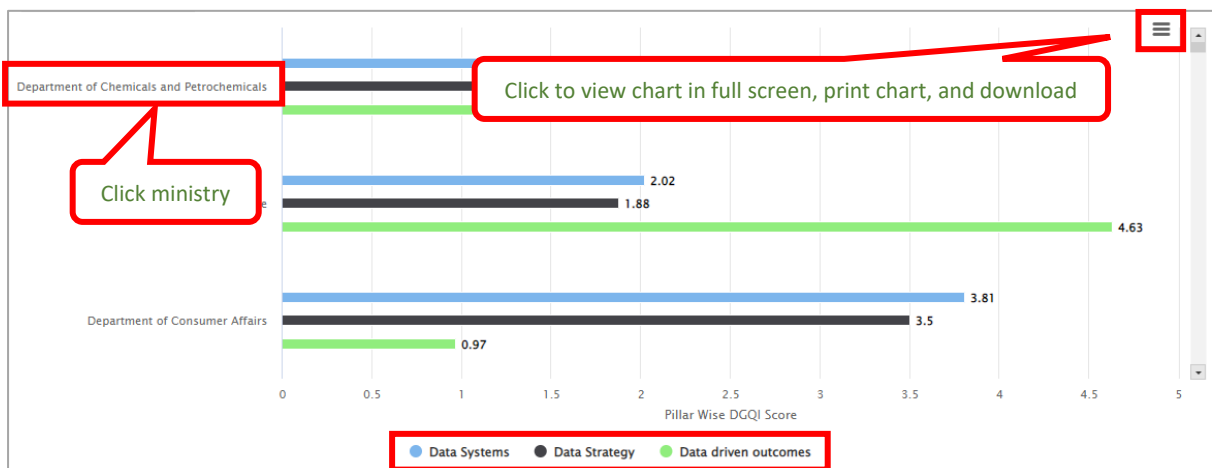


Figure 4-15

Overall performance of selected category, ministry, quarter and year is displayed;

Data Governance Quality Index

On mouseover pillar wise DGQI score with particular ministry will be displayed in popup;

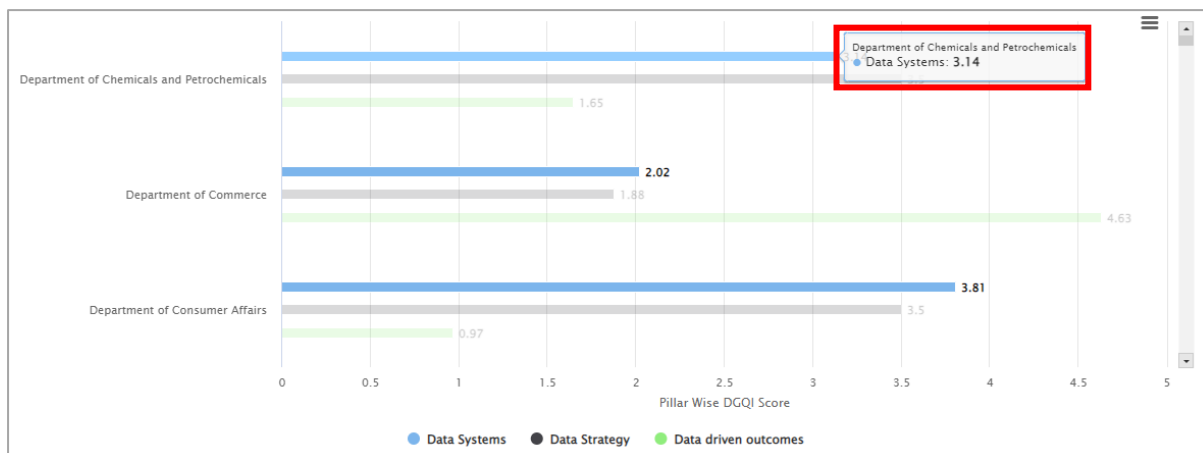



Figure 4-16

M/D Overall Performance for particular quarter and year is same as [Ministries/Departments](#) graph form

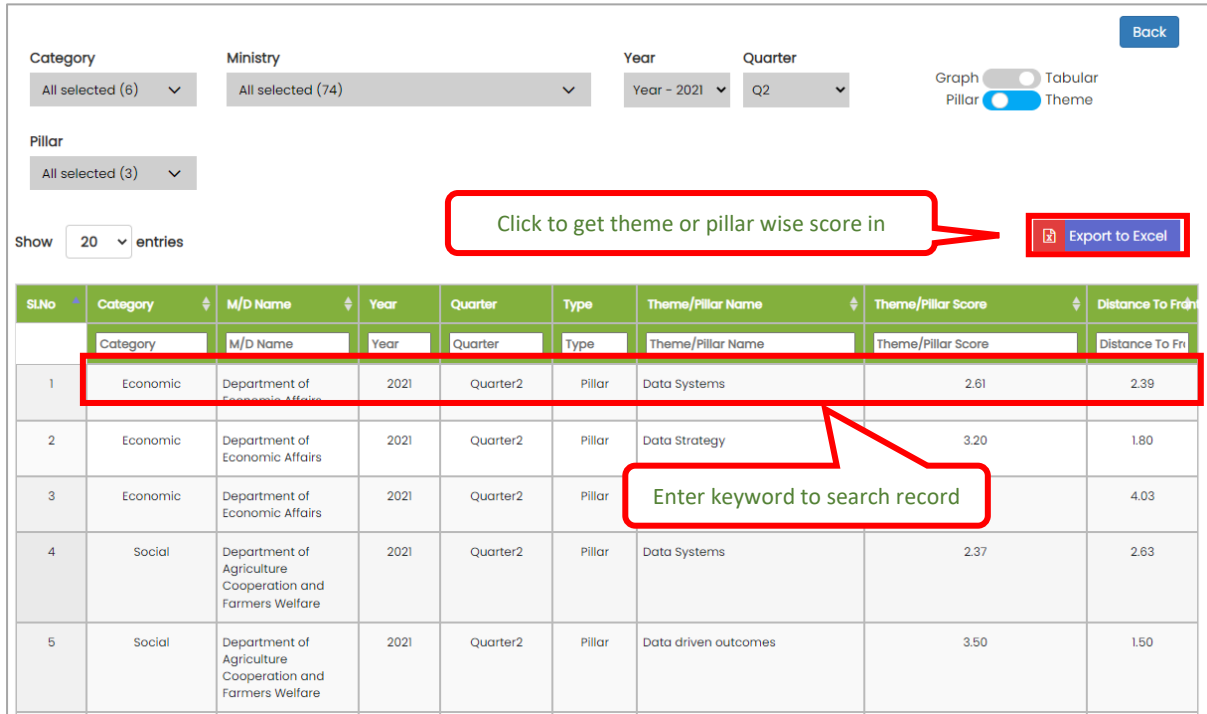
Data Governance Quality Index

4.2.2 Tabular Form

Tabular form will be displayed based on the selection of category, ministry, year and quarter

Click  **Export to Excel** to get theme or pillar wise score in Excel

Theme or pillar score will be displayed with following column headings:



SI.No	Category	M/D Name	Year	Quarter	Type	Theme/Pillar Name	Theme/Pillar Score	Distance To Frontier
1	Economic	Department of Economic Affairs	2021	Quarter2	Pillar	Data Systems	2.61	2.39
2	Economic	Department of Economic Affairs	2021	Quarter2	Pillar	Data Strategy	3.20	1.80
3	Economic	Department of Economic Affairs	2021	Quarter2	Pillar			4.03
4	Social	Department of Agriculture Cooperation and Farmers Welfare	2021	Quarter2	Pillar	Data Systems	2.37	2.63
5	Social	Department of Agriculture Cooperation and Farmers Welfare	2021	Quarter2	Pillar	Data driven outcomes	3.50	1.50

Figure 4-17

- SI.No
- Category
- M/D Name
- Year
- Quarter
- Type
- Theme/Pillar Name
- Theme/Pillar Score
- Distance to Frontier (Distance to frontier= 5 - DGQI score)

Administrator can search the record typing keyword under specific column heading

Data Governance Quality Index

4.3 CS/CSS Schemes and NSIs

Displays scheme and NSIS wise DGQI score

Displays scheme and NSIS wise DGQI score

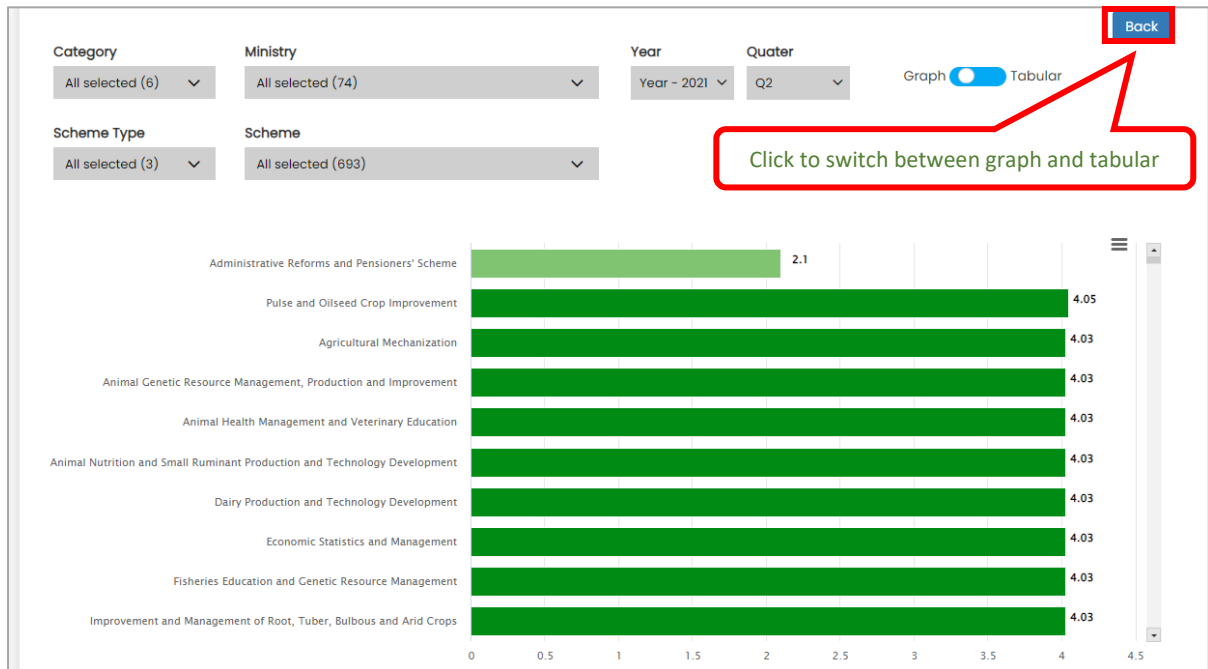


Figure 4-18

Enter following details:

- Select category from dropdown menu. There are 6 categories Admin, Economic, Infrastructure, Scientific, Social, Strategic, Skill Development and Entrepreneurship. Administrator can select multiple categories by checking ☐ checkboxes.
- Based on the selection of category, select ministry from dropdown by checking ☐ checkboxes
- Select year from dropdown
- Select quarter from dropdown
- Select scheme type from dropdown
- Select scheme from dropdown
- Click ☒ to switch between graph and tabular form
- Click to go to previous screen

Data Governance Quality Index

4.3.1 Graph Form

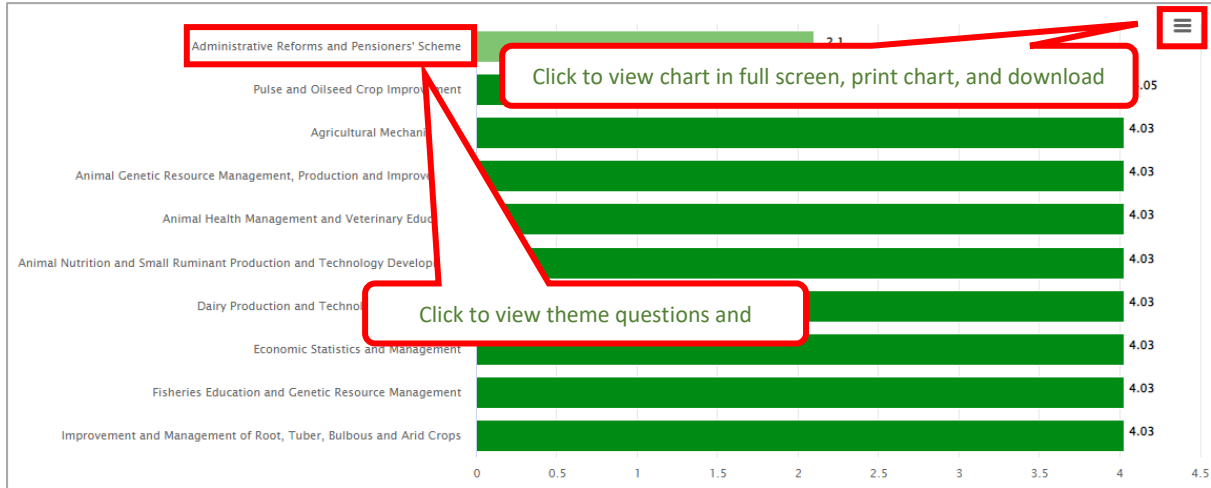



Figure 4-19

Graph displays scheme DGQI score; On X axis DGQI score is displayed in such a manner that data comes under 5. On Y axis schemes are displayed. All the scores in the graph will be displayed in descending order, the highest score will be displayed first and lowest score will be displayed last.

Click  to view chart in full screen, print chart, and download.

Click particular scheme to view theme questions and scores









Data System (Pillar)	Score	Action
A). Data Generation (Theme)	4.30	
B). Data Quality (Theme)	1.00	
C). Data Analysis, Use and Dissemination (Theme)		
D). Use of Technology (Theme)		
E). Data Security and HR Capacity (Theme)	1.35	
F). Data Management (Theme) Part B	3.25	
G). Data Management (Theme) Part A	0.25	

Figure 4-20

Pillar and theme wise scores are displayed;

Data Governance Quality Index

Click  to expand theme or pillar

Theme details will be displayed with following column headings:

Question-	Answer	Score
1) Are the data requirements of the scheme well defined and documented?	<input checked="" type="radio"/> Yes <input type="radio"/> No	5.00
2) Is data collected for all identified data requirements?		
a) Input Data Points	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Partial	4.00
b) Output Data Points	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Partial	
c) Outcome Data Points	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Partial	
3) Is collected data reported digitally? (i.e. is there a digital electronic database/MIS)?	<input checked="" type="radio"/> Yes Please Provide Link, Username and password (Optional) Link <input type="text" value="https://pgportal.gov.in/CPGRAMSDashboard"/> <input type="radio"/> No i.e. On paper only	5.00


Figure 4-21

- Question
- Answer
- Score

Data Governance Quality Index


4.3.2 Tabular Form

Tabular form will be displayed based on the selection of category, ministry, year and quarter

Click  **Export to Excel** to get NSI wise DGQI score in Excel

Theme or pillar score will be displayed with following column headings:

Show entries

Click to get NSI wise DGQI score in Excel 

Sl.No	M/D Name	Scheme Name	Scheme Type	Category	Year	Quarter	DGQI Score	Distance to Frontier
1	Department of Economic Affairs	Indian Development and Economic Assistance Scheme	CS	Economic	2021	Quarter2	2.67	2.33
2	Department of Economic Affairs	Public Debt Management Cell	NSI	Economic	2021	Quarter2	2.71	2.29
3	Department of Economic Affairs	Macro Economic Data	NSI	Economic	2021	Quarter2	2.81	2.19
4	Department of Economic Affairs	Concessional Financing Scheme for Indian Companies	CS	Economic	2021	Quarter2	3.05	1.95
5	Department of Economic Affairs	Viability Gap Funding	CS	Economic	2021	Quarter2	3.06	1.94
6	Department of Economic Affairs	National Investment and Infrastructure Fund (NIIF)	CS	Economic	2021	Quarter2	2.99	2.01

Enter keyword to search record

Figure 4-22

- Sl.No
- M/D Name
- Scheme Name
- Scheme Type
- Category
- Year
- Quarter
- DGQI Score
- Distance to Frontier (Distance to frontier= 5 - DGQI score)

Administrator can search the record typing keyword under specific column heading

Data Governance Quality Index

4.4 Strategy Action Points

Displays percentage of completion till selected quarter (Q1 or Q2) of ministry.



Figure 4-23

Enter following details:

- Select category from dropdown menu. There are 6 categories Admin, Economic, Infrastructure, Scientific, Social, Strategic, Skill Development and Entrepreneurship. Administrator can select multiple categories by checking ☐ checkboxes.
- Based on the selection of category, select ministry from dropdown by checking ☐ checkboxes
- Select year from dropdown
- Select quarter from dropdown
- Click ☒ to switch between graph and tabular form
- Click to go back to previous screen

Note: If administrator does not select anything from dropdown, by default all category, ministry, current year and quarter 2 will be displayed.

Data Governance Quality Index

4.4.1 Graph Form

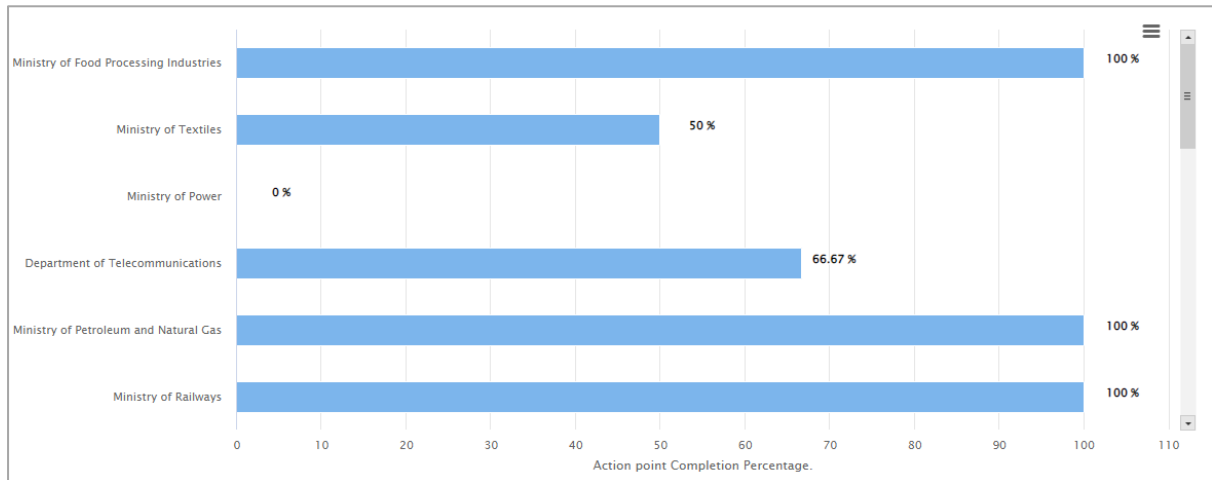


Figure 4-24

On X axis action point completion percentage are displayed. On Y axis ministries are displayed.

On mouseover action point completion score with particular ministry will be displayed in popup;

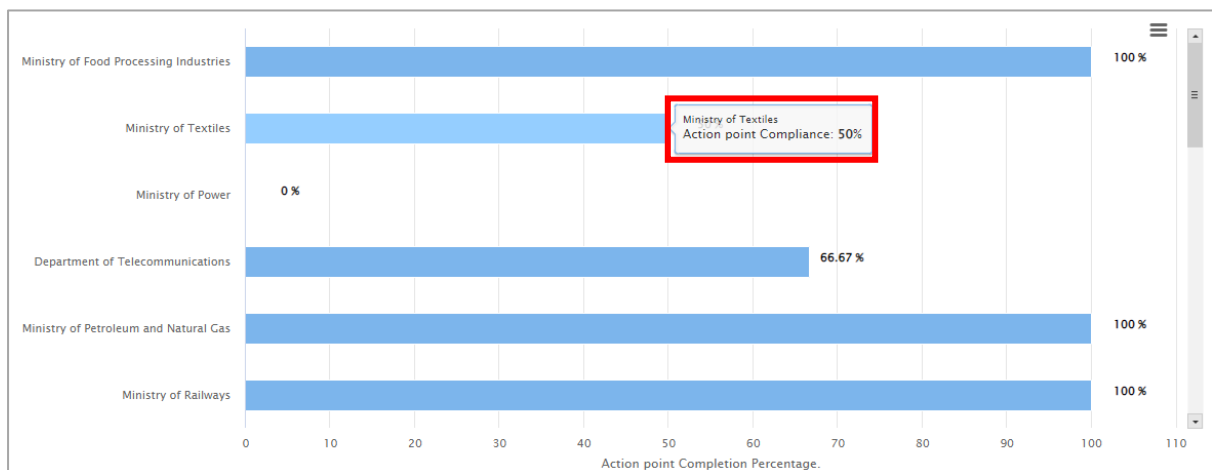


Figure 4-25

Click  to view chart in full screen, print chart, and download.

Click ministry on Y axis.

Action point compliance graph will be displayed;

Data Governance Quality Index

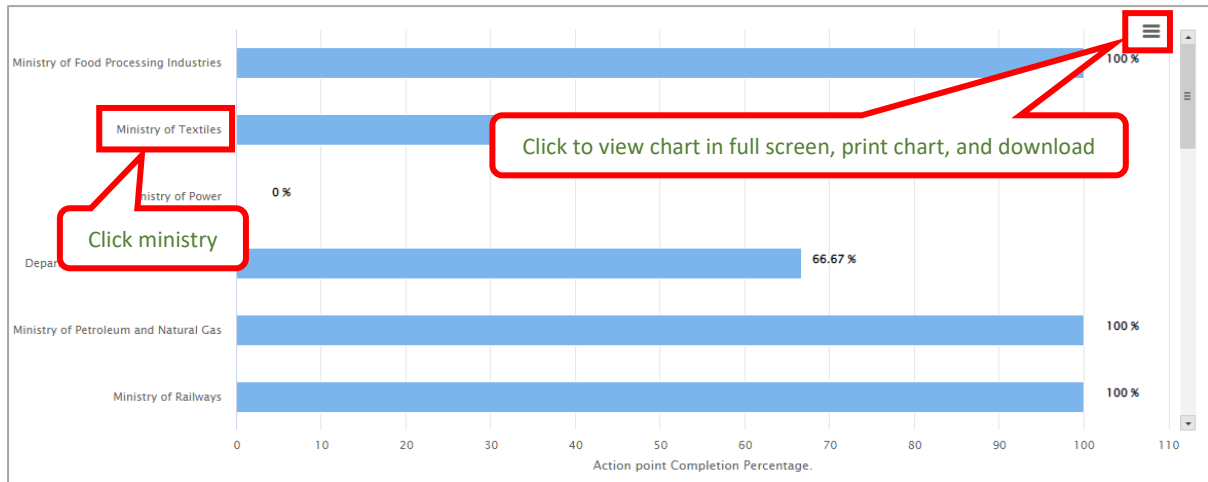


Figure 4-26

Based on the selection of category, ministry, year, and quarter, M/D overall performance for current year will be displayed same as ministries/departments [graph form](#)

Data Governance Quality Index

4.4.2 Tabular Form

Tabular form will be displayed based on the selection of category, ministry, year, quarter, scheme type, and selected scheme.

Action points compliance will be displayed with following column headings:

Category

All Category (6) ▼

Ministry

All selected (74) ▼

Year

Year - 2021 ▼

Quarter

Q2 ▼

Graph

☐ Graph ☒ Tabular

Back

Show

10 ▼ entries

Export to Excel

SlNo	M/D Name	Category	Year	Quarter	Total No. of Action Points	Total No. of Action Point Completed	Total No. of Action Point Due	Action Point Compliance Percentage
	M/D Name	Category	Year	Quarter	Total No. of Action Points	Total No. of Action Point Completed	Total No. of Action Point Due	Action Point Compliance Percentage
3	Ministry of Earth Sciences	Scientific	2021	Quarter2	1	1	0	100.00
4	Ministry of Petroleum and Natural Gas	Infrastructure	2021	Quarter2	1	1	0	100.00
8	Ministry of Food Processing Industries	Economic	2021	Quarter2	1		0	100.00
12	Department of School Education and Literacy	Social	2021	Quarter2	3	3	0	100.00
15	Department of Biotechnology	Scientific	2021	Quarter2	5	5	0	100.00

Figure 4-27

- S.No
- M/D Name
- Category
- Year
- Quarter
- Total No. of Action Points
- Total No. of Action Point Completed
- Total No. of Action Point Due
- Action Point Compliance Percentage


Administrator can search the record typing keyword under specific column heading

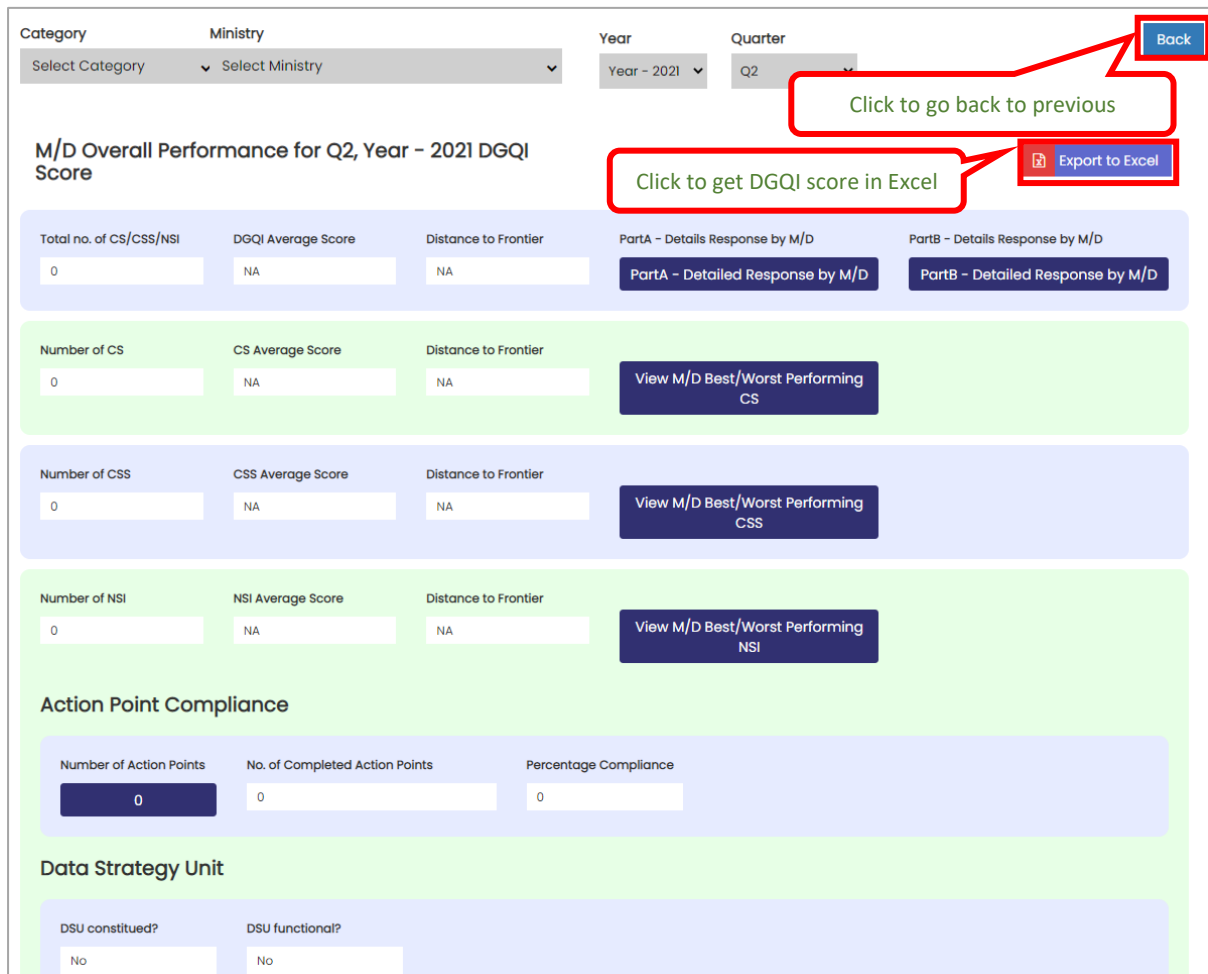
Data Governance Quality Index

4.5 Ministry/Department Summary

Displays summary of selected category, ministry, year and quarter

Click  to get DGQI score in Excel

Click  to go back to previous screen



The screenshot shows the 'Ministry/Department Summary' dashboard. At the top, there are dropdown menus for 'Category' (Select Category), 'Ministry' (Select Ministry), 'Year' (Year - 2021), and 'Quarter' (Q2). A 'Back' button is in the top right corner. Below the filters, the main heading is 'M/D Overall Performance for Q2, Year - 2021 DGQI Score'. There are two callout boxes: one pointing to the 'Back' button with the text 'Click to go back to previous', and another pointing to the 'Export to Excel' button with the text 'Click to get DGQI score in Excel'. The dashboard displays several key performance indicators (KPIs) in a grid format:

Total no. of CS/CSS/NSI	DGQI Average Score	Distance to Frontier	PartA - Details Response by M/D	PartB - Details Response by M/D
0	NA	NA	PartA - Detailed Response by M/D	PartB - Detailed Response by M/D

Number of CS	CS Average Score	Distance to Frontier	Action
0	NA	NA	View M/D Best/Worst Performing CS

Number of CSS	CSS Average Score	Distance to Frontier	Action
0	NA	NA	View M/D Best/Worst Performing CSS

Number of NSI	NSI Average Score	Distance to Frontier	Action
0	NA	NA	View M/D Best/Worst Performing NSI

Action Point Compliance

Number of Action Points	No. of Completed Action Points	Percentage Compliance
0	0	0

Data Strategy Unit

DSU constituted?	DSU functional?
No	No

Figure 4-28

Enter following details:

- Select category from dropdown
- Select ministry from dropdown
- Select year from dropdown
- Select quarter from dropdown

Total no. of CS/CSS/NSI, DGQI Average Score, and distance to frontier will be displayed with part A - details response by M/D, part B - details response by M/D, and best/worst performing CS scheme.

Data Governance Quality Index

Action Point Compliance will be displayed with number of action points, number of completed action points, and percentage compliance.

Data Strategy Unit will be displayed with questions and answers.

Click [PartA - Details Response by M/D](#) to view part A- details response by M/D

Category
Ministry
Year
Quarter
Back

Economic
Department of Chemicals and Petrochemicals
Year - 2021
Q2

M/D Overall Performance for Q2, Year - 2021 DGQI Score

Click to view part A detail response by M/D

Export to Excel

Total no. of CS/CSS/NSI	DGQI Average Score	Distance to Frontier	PartA - Details Response by M/D	PartB - Details Response by M/D
2	2.92	2.09	PartA - Detailed Response by M/D	PartB - Detailed Response by M/D

Number of CS
CS Average Score
Distance to Frontier

2
2.92
2.09

View M/D Best/Worst Performing CS

Number of CSS
CSS Average Score
Distance to Frontier

0
NA
NA

View M/D Best/Worst Performing CSS

Number of NSI
NSI Average Score
Distance to Frontier

0
NA
NA

View M/D Best/Worst Performing NSI

Action Point Compliance

Number of Action Points
No. of Completed Action Points
Percentage Compliance

0
0
0

Data Strategy Unit

DSU constituted?
DSU functional?

Yes
Yes

Figure 4-29


Data Governance Quality Index

Click part A - details response by M/D.

Admin	Department of Ex Servicemen Welfare	Year - 2021	Q2	Back
				Score
Data Strategy (Pillar)				0.70 -
A). Data & Strategy Unit (Theme)				0.00 +
B). Action Plan (Theme)				1.40 +
Data Driven Outcomes (Pillar)				-
A). Synergistic data use within the M/D (Theme)				+
B). Inter-Agency Data Collaboration (Theme)				0.00 +
C). Prescriptive Analytics (Theme)				0.00 +
D). Good Practices (Theme)				0.00 +

Figure 4-30

Pillar and theme wise scores are displayed;

Click  to expand theme or pillar

Theme details will be displayed with following column headings:

Question-	Answer	Score
1) Has the M/D constituted a Data & Strategy Unit (DSU) as a central unit for developing data strategy? (as per the D.O. letter from Sh. Bhaskar Khulbe, Advisor to PM dated 02.02.2021)	<input type="radio"/> Yes <input checked="" type="radio"/> No	0.00

Figure 4-31

- Question
- Answer
- Score

Note: Part B- details response by M/D is similar to Part A- details response by M/D

Data Governance Quality Index

Click [View Best/Worst Performing CS Scheme](#) to view best or worst performing SC scheme

Category
Ministry
Year
Quarter
Back

Economic
Department of Chemicals and Petrochemicals
Year - 2021
Q2

M/D Overall Performance for Q2, Year - 2021 DGQI Score
Export to Excel

Total no. of CS/CSS/NSI
2

DGQI Average Score
2.92

Distance to Frontier
2.09

PartA - Details Response by M/D
PartA - Detailed Response by M/D

PartB - Details Response by M/D
PartB - Detailed Response by M/D

Number of CS
2

CS Average Score
2.92

Distance to Frontier
2.09

View M/D Best/Worst Performing

Number of CSS
0

CSS Average Score
NA

Distance to Frontier
NA

View M/D Best/Worst Performing CSS

Number of NSI
0

NSI Average Score
NA

Distance to Frontier
NA

View M/D Best/Worst Performing NSI

Action Point Compliance

Number of Action Points
0

No. of Completed Action Points
0

Percentage Compliance
0

Data Strategy Unit

DSU constituted?
Yes

DSU functional?
Yes

Figure 4-32

Best and worst performing scheme will be displayed with following column headings:

View M/D Best/Worst Performing CS					
Best Performing			Worst Performing		
Sr.No.	Scheme Name	Score	Sr.No.	Scheme Name	Score
1	Chemical Promotion and Development Scheme	2.92	1	Promotion of Petrochemicals	2.91

Figure 4-33

- Sr. No.
- Scheme Name
- Score

Note: If the scheme score is same in best performing, then it will display both scores. Similarly, if the scheme score is same in worst performing, then it will display both scores.

Data Governance Quality Index

4.6 Trend Analysis

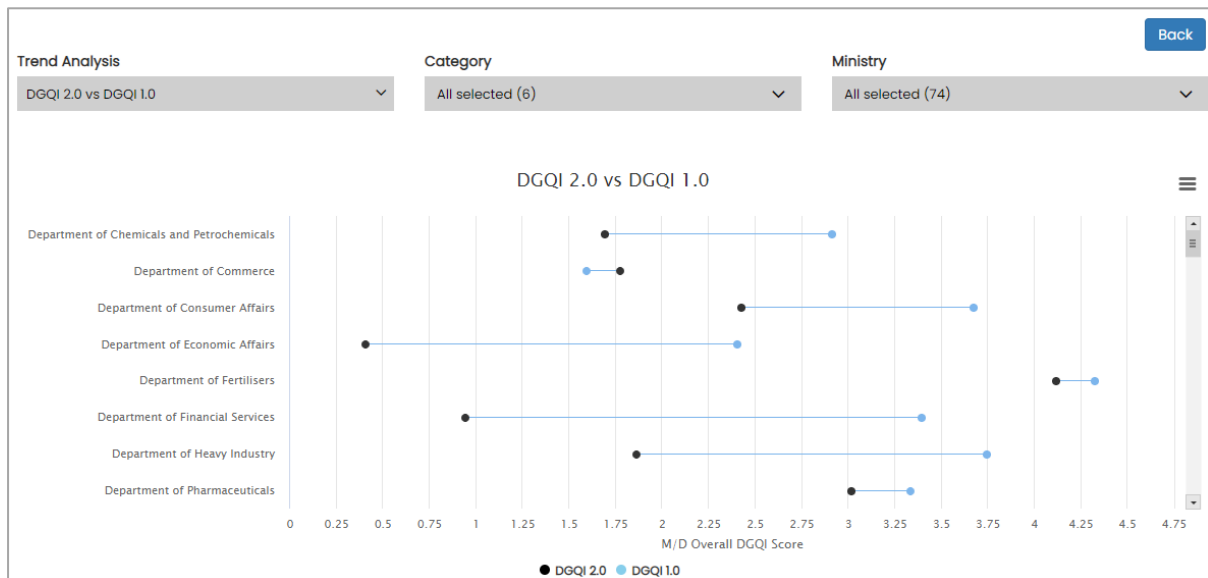


Figure 4-34

Enter following details:

- Select trend analysis from dropdown
- Select Category from dropdown
- Select ministry from dropdown

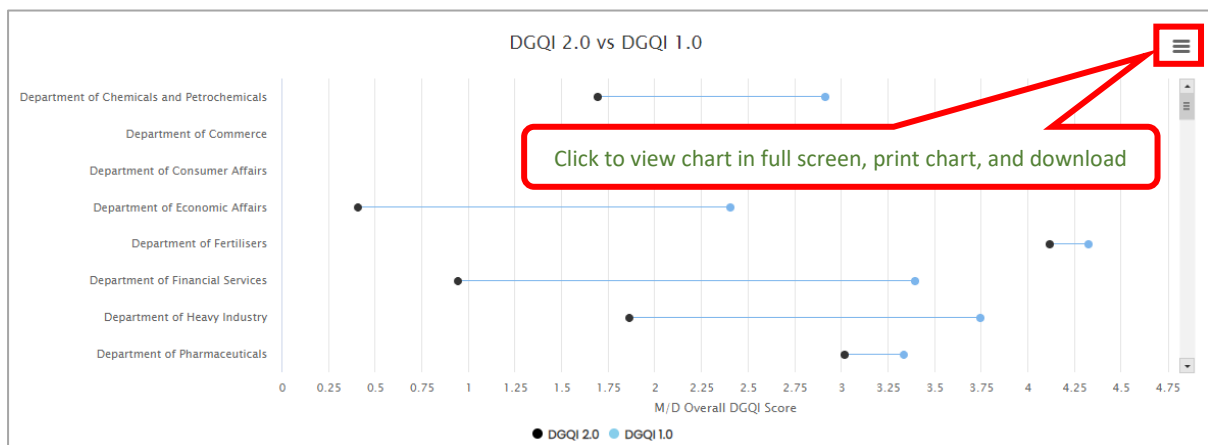



Figure 4-35

On X axis M/D overall DGQI score for DGQI 2.0 (current year) with **black dot** and DGQI 1.0 (previous year) **blue dot** is displayed. On Y axis, ministries are displayed.

Click  to view chart in full screen, print chart, and download.

On mouseover on graph ministry with M/D overall DGQI score will be displayed in popup;

Data Governance Quality Index

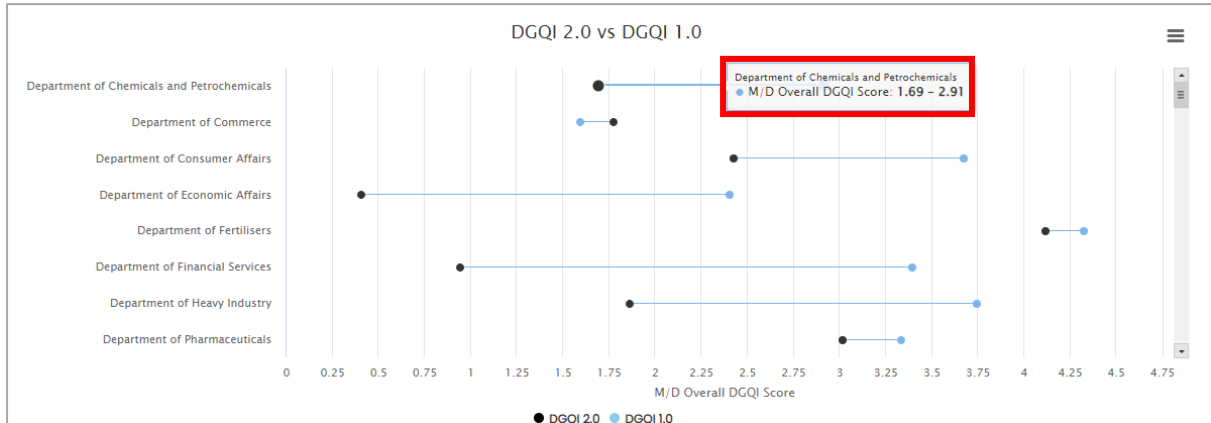


Figure 4-36

On selection of DGQI 2.0 score, administrator needs to select theme or pillar wise score or CS/CSS/NSI/average score from dropdown, theme/pillar from dropdown, category from dropdown, ministry from dropdown, theme/pillar from dropdown, year from dropdown, and quarter from dropdown.

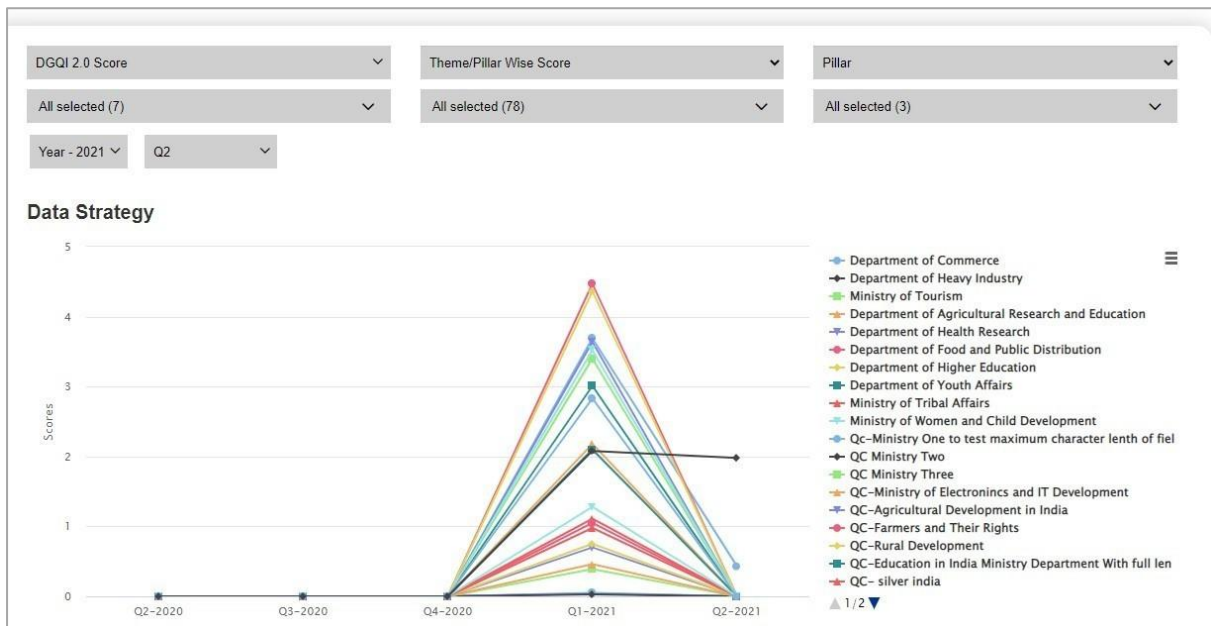


Figure 4-37

The graphs with selected theme/pillar will be displayed;

On X axis previous quarters from the selected year will be displayed. On Y axis scores for particular ministry will be displayed in various color dots.

Administrator can add or remove ministry from the graph by clicking on the ministries given on its right side.

Data Governance Quality Index

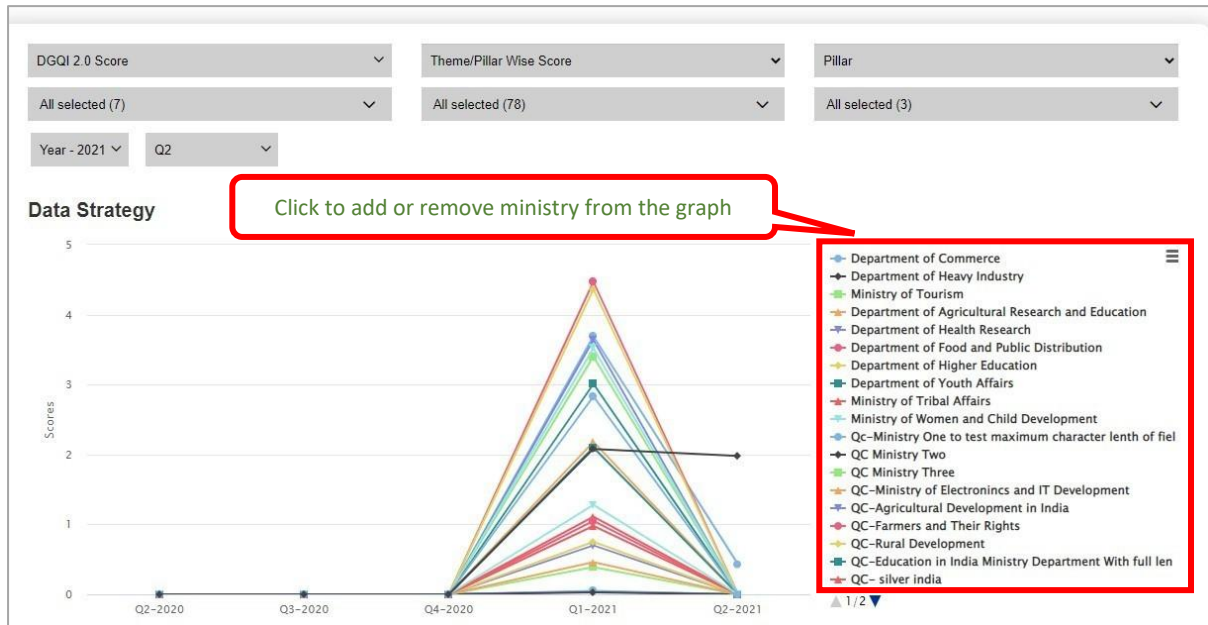


Figure 4-38

On selection of action point compliance, administrator needs to select theme or pillar wise score or CS/CSS/NSI/average score from dropdown, theme/pillar from dropdown, ministry from dropdown, year from dropdown, and quarter from dropdown.

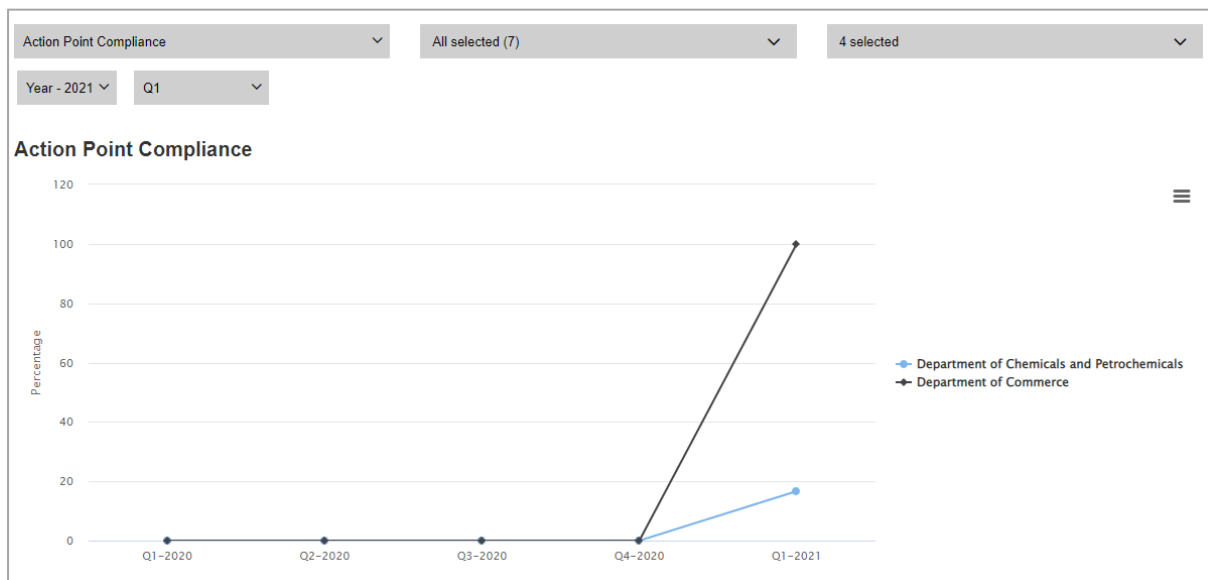


Figure 4-39

On X axis quarters will be displayed. On Y axis percentage will be displayed in various color dots. Administrator can add or remove ministry from the graph by clicking on the ministries given on its right side.

Data Governance Quality Index



Figure 4-40