DISTRICT
QUALITY EVALUATION

For understanding DQE expectations, scores, and reports

FDOT

The DISTRICT QUALITY EVALUATION HANDBOOK is produced by:

Transportation Data and Analytics Office
Florida Department of Transportation
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Introduction

To address the need for more useful methods to monitor District quality and to better identify program requirements, the Transportation Data and Analytics Office (formerly the Transportation Statistics Office or TranStat) developed a more objective evaluation process based on specific goals, objectives, and requirements, called the District Quality Evaluation (DQE).

The DQE's primary purpose is to identify areas of responsibility and establish a set of objective, quantifiable measures that determine District quality. These measures prove useful and meaningful to District Office and Transportation Data and Analytics (TDA) Office managers and staff. The final result of the DQE process is a report that more clearly illustrates (for both the Districts and TDA) the primary responsibilities for their data collection programs and other related, non-administrative functional requirements. These DQE reports are emailed to the respective District manager responsible for the various General Interest Roadway Data (GIRD) and Traffic Data Collection Programs.

Reporting Periods

Previously, DQE review periods have been conducted on quarterly and triannual bases. Currently, the DQE review periods are conducted biannually:

- Period 1 (P1) - January 1 - June 30
- Period 2 (P2) - July 1 - December 31

Review Schedule

The DQE review periods begin with TDA sending email notifications to the District Statistics Administrators (DSAs) reminding them of the cutoff dates for Linear Referencing System (LRS) package submittals, exclusion requests, and keeping the Roadway Characteristics Inventory (RCI) database free of errors. Updated District Quality Control Plans are due each period.

Before the cutoff dates, TDA randomly selects 5 on-system RCI segments (and two alternates) per District and begins pulling the Straight-Line Diagrams (SLDs) and data for them.

After the cutoff dates, TDA sends an email notification to the DSAs stating that it is okay to resume updating RCI and begins reviewing the various Goals, Objectives, and Items for the DQE.

Once the review is completed, TDA sends a draft DQE report to each DSA for review and to provide comments before the report is finalized. When TDA sends the draft DQE Reports to the DSAs, it includes all background materials to support TDA's findings. When the DSAs return their comments, TDA reviews and addresses each one. The final DQE report is emailed to each appropriate District manager responsible for the various General Interest Roadway Data (GIRD) and Traffic Data Collection Programs.

The DQE review periods end with TDA sending a notification email to the DSAs reminding them to complete their corrections from the DQE.

Goal 1 – Highway Data Overview

Goal 1 "Continually improve and enhance highway data accuracy, completeness, and timeliness." This goal has eight objectives.

1. Ensure District data quality control plans are updated and useful
2. Keep standard roadway data items consistent with each other
3. Keep Highway Performance Monitoring System items consistent with each other
4. Context Classification is coded for On-System Roadways
5. Keep roadway inventory timely
6. Make SLDs accurate, useful, and complete
7. Keep Key Sheets timely
8. Encourage District Internal QA/QC

The goal is to help each District with their data collection processes and determine which process can be improved.

Goal 2 – Traffic Data Overview

Goal 2 "Process AADT count estimates so that high quality and current data will be available by March 15 of the following year." This goal has five objectives.

9. Start the new traffic count cycle promptly
10. End of year process work assignment resolution
11. Eliminate the need for third year estimates
12. Complete the traffic count cycle on schedule
13. Ensure count station assigned to traffic flow break and traffic break code are correct

The goal is to prepare AADT data for use by March 15 each year, determine if the counter equipment is collecting correctly, and ensure equipment certification.

Goal 3 – Linear Referencing System (LRS) Data Process Overview

Goal 3 "Maintain GIS LRS and produce reports of Florida roads." This goal has one objective.

14. Eliminate inconsistencies between the GIS LRS and RCI

The goal is to produce an accurate and complete LRS of Florida roadways.

DQE Scoring

The DQE scoring has four tiers. The image to the right explains how each tier builds upon the previous. Start at the bottom and build up.

- Item scores determine Objective scores. Objective scores determine Goal scores. Goal scores determine the Overall Data Rating.

- Items receive individual scores.

- Objective scores are an average of all its items.

- Goal scores are an average of all its objectives.

- All three goals are averaged together for a total overall data rating.
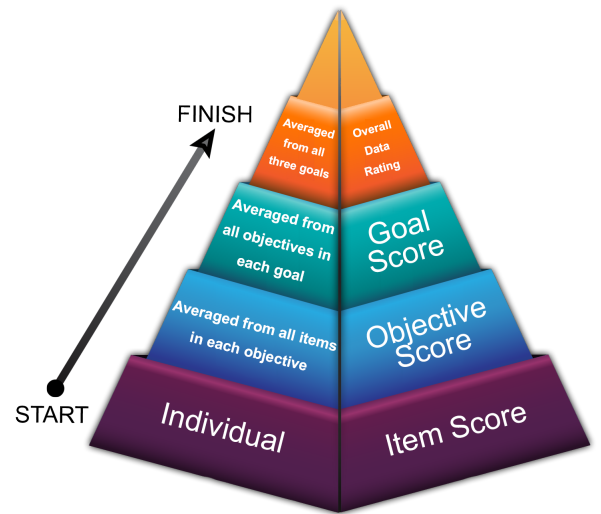
Performance Expectations

The following represents the report's scoring system in terms of performance expectations:

4.8 – 5.0	Exceed DQE expectations
4.5 – 4.7	Meet DQE expectations
4.0 – 4.4	Improvement needed
≤ 3.9	Unsatisfactory

When the scoring for a goal equals or exceeds 4.5, TDA encourages that District to maintain practices contributing to this performance and, where possible, document them for sharing best practices with other Districts.

When the scoring for a goal is below 4.0, the District may need to examine the processes and quality control activities of individual objectives and develop an action plan to correct the problems.
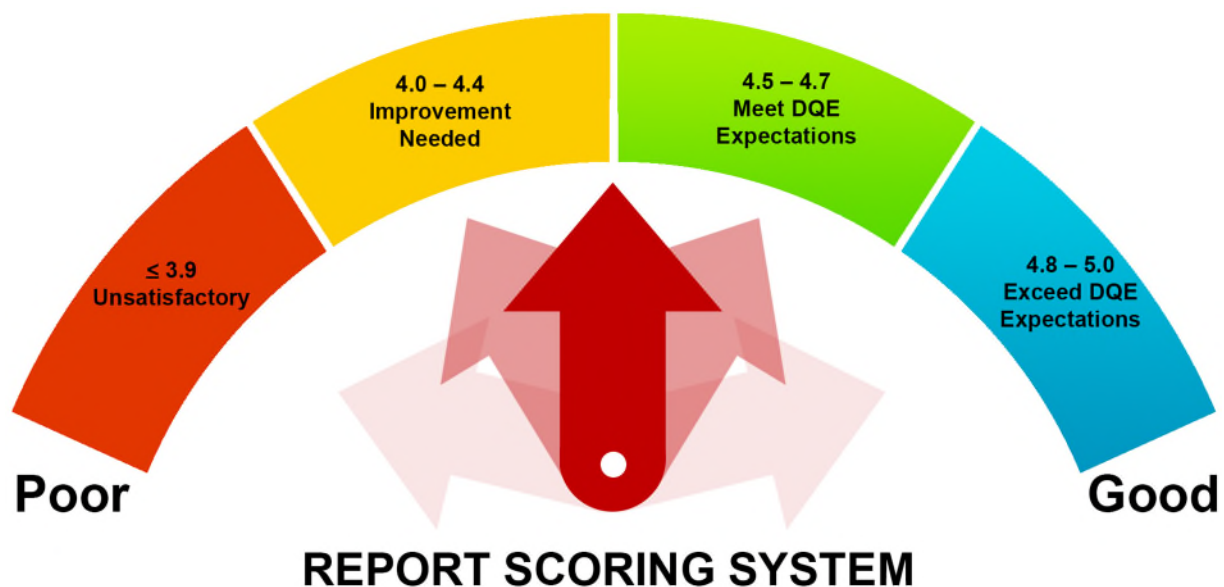
DQE Goals, Objectives, and Items

Goal One: Continually improve and enhance highway data accuracy, completeness, and timeliness

OBJECTIVE 1: Ensure District data quality control plans are updated and useful

Items: District Quality Control Plan provides up to date information during each DQE period's due dates

Period: P1 and P2

Process: Each District submits their Quality Control Plan by January 31st and July 31st of every year. The District's Quality Control Plan requirements are outlined in the Quality Assurance Monitoring Plan (QAMP) and is a critical support document for the District's data collection activities and business operation. These plans are to establish data governance practices within the District.

Scoring: District submits their Quality Control Plan and provides updates that are consistent with the Quality Assurance Monitoring Plan requirements by the required due dates each period. Full points are scored when the plans are provided on-time. The QA Coordinator scores this Objective.

> QC Plan received by January 31st and July 31st = 5
> If not received by January 31st and July 31st = 0

OBJECTIVE 2: Keep standard roadway data items consistent with each other

Items: Main 1 (Preliminary RCI/HPMS Edit)

Main 2 (Gaps and Overlaps)

RCEdit 1 (Characteristics Edit)

RCEdit 2 (RDWYSIDE Edit)

RCEdit 3 (TYPEROAD)

RCEdit 4 (Invalid Offsets)

RCEdit 5 (Active exclusive Roads)

RCEdit 6 (Bridge Edit)

RCEdit 7 (On-System MAXSPEED)

Period: P1 and P2

Process: TDA runs edits in the Data Analysis and Reporting for Transportation Systems (DART) application and counts the number of sections with inconsistencies. Edits must be 100% clean by December 20 and remain 100% clean through December 31.

Period 1 Scoring

Main 1 and Main 2
- 0 inconsistencies = 5
- 1-3 inconsistencies = 4
- 4-6 inconsistencies = 3
- 7-9 inconsistencies = 2
- 10-15 inconsistencies = 1
- >15 inconsistencies = 0

RCEdits 1, 2, 3, 4, 5, 6 & 7:
- 0-9 inconsistencies = 5
- 10-15 inconsistencies = 4
- 16-20 inconsistencies = 3
- 21-25 inconsistencies = 2
- 26-30 inconsistencies = 1
- >30 inconsistencies = 0

Period 2 Scoring

Main 1, Main 2 and RCEdits 1, 2, 3, 4, 5, 6 & 7
- 0 inconsistencies = 5
- >0 inconsistencies = 0

Scoring: The score comes from the number of inconsistencies in each report. See graphic scoring table for more detailed metrics. The RCI Coordinator scores this Objective.

OBJECTIVE 3: Keep Highway Performance Monitoring System items consistent with each other

Items: HPEdit 1 (Sample Sections)

HPEdit 2 (Universe Sections)

HPEdit 4 (Sample Breaks by F330)

HPEdit 5 (Incongruent Lengths)

HPEdit 6 (Curve/Grades by Class Lengths)

HPEdit 10 (HPMS Sample Number)

Period: P1 and P2

Process: TDA runs edits in DART and counts the number of sections with inconsistencies. Edits must be 100% clean by December 20 and remain 100% clean through December 31 because they assist in producing the semi-annual SHS Mileage Report and the annual HPMS submittal to the FHWA.

Period 1 scoring

HPEdit 1, 2, 4, 5, 6 & 10:
- 0 inconsistencies = 5
- 1-3 inconsistencies = 4
- 4-6 inconsistencies = 3
- 7-9 inconsistencies = 2
- 10-15 inconsistencies = 1
- >15 inconsistencies = 0

Period 2 scoring

HPEdit 1, 2, 4, 5, 6 & 10:
- 0 inconsistencies = 5
- >0 inconsistencies = 0

Scoring: The score comes from the number of inconsistencies in each report. See graphic scoring table for more detailed metrics. The HPMS Coordinator scores this Objective.

OBJECTIVE 4: Context Classification is coded for On-System Roadways

Items:	Randomly selected roadways Context Classifications are reviewed
Period:	P1 and P2
Process:	TDA randomly selects five on-system roadway sections and reviews a segment's Feature 126 Context Classification for preliminary and future context classification for coding accuracy. TDA may reference the District's project evaluations, aerial imagery, and typical section plans to confirm data is coded accurately.
Scoring:	The score comes from the number of segments with correct data. See graphic scoring table for more detailed metrics. The TDA Multimodal Data System Coordinator scores this Objective.

5 correct segments = 5
4 correct segments = 4
3 correct segments = 3
2 correct segments = 2
1 correct segment = 1
0 correct segments = 0

OBJECTIVE 5: Keep roadway inventory timely

Items:	1. Percent of RCI updated within 90 days after conditional/final acceptance
	2. Percent of RCI on-system 5-year inventory complete
	3. Percent of RCI off-system 5-year inventory complete
	4. Percent of HPMS on-system 3-year inventory complete
	5. Percent of HPMS off-system 3-year inventory complete
Period:	P1 and P2
Process:	For Item 1, TDA compares the weekly email notifications submitted with the documented Roadway Inventory Tracking Application (RITA) dates. For Items 2-5, TDA reviews the RCI and HPMS inventory complete dates in RITA.
Scoring:	For Item 1, the score comes from the percentage of construction conditional/final acceptance notices updated within 90 days in RITA. For Items 2 and 3, the score comes from the percentage of RCI on-system and off-systems roadways inventoried on time. For Items 4 and 5, the score comes from the percentage of HPMS on-systems and off-system samples inventoried on time. See graphic scoring table for more detailed metrics. The QA Coordinator scores this Objective.

Item 1
90% – 100% = 5
80% – 89 % = 4
70% – 79 % = 3
60% – 69 % = 2
50% – 59 % = 1
<50% = 0

Items 2 & 4
90% – 100% = 5
80% – 89 % = 4
70% – 79 % = 3
60% – 69 % = 2
50% – 59 % = 1
<50% = 0

Items 3 & 5
80% – 100% = 5
70% – 79 % = 4
60% – 69 % = 3
50% – 59 % = 2
50% – 59 % = 1
<50% = 0

OBJECTIVE 6: Make SLDs accurate, useful, and complete

Items: SLDs matching database

                SLDs with proper formatting

Period: P1 and P2

Process: TDA randomly selects five roadways and compares the SLD to the data in RCI for data accuracy, consistency, and correct formatting.

5 correct segments = 5
4 correct segments = 4
3 correct segments = 3
2 correct segments = 2
1 correct segment = 1
0 correct segments = 0

Scoring: The score comes from the number of segments with correct data.
                See graphic scoring table for more detailed metrics. The QA Coordinator scores this Objective.

OBJECTIVE 7: Keep Key Sheets Timely

Items: Key Sheet updated and distributed within 120 days after change

Period: P1 and P2

Process: TDA compares all Key Sheet updates to section length adjustments records of when roadways were added, deleted, or transferred.

Key sheet updated and distributed within 120 days?

YES = 5
NO = 0

Scoring: The score comes from timeliness. Full points are scored when the key sheets are updated and distributed within 120 days. The QA Coordinator scores this Objective.

OBJECTIVE 8: Encourage District Internal QA/QC

Items: Corrections to Objectives from previous DQE

Period: P1 and P2

Process: Each District corrects the inconsistencies from the previous DQE. Districts must correct all inconsistencies within 60 calendar days. The corrections are tracked and reviewed to verify that corrections were done within 60 calendar days.

Scoring: The score comes from all inconsistencies being corrected within 60 calendar days of the previous DQE. An N/A indicates that there were

All DQE findings are corrected within 60 days = 5
DQE findings corrected after 60 days = 0

no follow-up items from the previous DQE. Full points are scored when DQE findings are corrected within 60 days. The QA Coordinator scores this Objective.

Goal Two: Process AADT count estimates so that high quality and current data will be available by March 15 of the following year

OBJECTIVE 9: Start the new traffic count cycle promptly

Items: Provide count schedule for the current year

Provide certification that equipment is proper and functioning correctly

Period: P1 only

Process: For Item 1, each District develops a Portable Traffic Monitoring Site (PTMS) or a Continuous Count Site (CCS) data collection summary schedule by county for the upcoming year and provides it to TDA. For Item 2, each District provides TDA a certificate ensuring their equipment properly functions. The certification stipulation reinforces that the equipment must collect traffic data properly through the annual testing of each survey instrument.

On or before January 31st = 5
Between February 1st to 15th = 4
Between February 16th to 28th = 3
Between March 1st to 15th = 2
Between March 16th to 31st = 1
After March 31st = 0

Scoring: The score comes from the submission date of both items. See graphic scoring table for more detailed metrics. The Traffic Data Coordinator provides dates and score this Objective.

OBJECTIVE 10: End of year process work assignment resolution

Items: Days to respond to questions and request from Central Office

Review and correct preliminary AADT by requested deadline

Period: P1 only

Process: For Item 1, TDA evaluates the District's efforts in resolving inconsistencies during the end of year AADT estimate by the dates specified by the TDA Transportation Monitoring Section. TDA logs each District's response time for resolving the end of year processing issues via telephone, fax, or email. The response logs include the request date, appropriate response, and average the number of business days elapsed. For Item 2, TDA checks if the data has been reviewed and received with the correct preliminary AADT by the specified date.

Item 1
Response 0-2 days = 5
Response 3-5 days = 4
Response 6-7 days = 3
Response 8-9 days = 2
Response 10 days = 1
Response > 10 days = 0

Item 2
YES = 5
NO = 0

Scoring: The score comes from the District's response time based on TDA request. See graphic scoring table for more detailed metrics. The Traffic Data Coordinator provides dates and scores this Objective.

OBJECTIVE 11: Eliminate the need for third year estimates

Item: Number of sites with estimated counts for the third year

Period: P1 only

Process: Districts count the number of sites that estimate AADT and submit it to TDA. Districts exclude sites where it is not possible to count traffic, such as long-term construction project sites (Districts are required to provide documentation to the Traffic Count Coordinator).

> 0 sites = 5
> 1 site = 4
> 2 sites = 3
> 3 sites = 2
> 4 sites = 1
> >4 sites = 0

Scoring: The score comes from the number of sites with estimated counts for the third year. See graphic scoring table for more detailed metrics. The Traffic Data Coordinator scores this Objective.

OBJECTIVE 12: Complete the traffic count cycle on schedule

Items: Complete data collection by November 15

            Load all traffic data to mainframe before December 31

> YES = 5
> NO = 0

Period: P2 only

Process: TDA determines if the District completed traffic count data collection and traffic data updates in a timely manner.

Scoring: The score comes from each completed item by the required date. Full points are scored when the data is provided on-time. The Traffic Data Coordinator scores this Objective.

OBJECTIVE 13: Ensure count station assigned to traffic flow break and traffic break code are correct

Items: TREdit-4 (Traffic Breaks Edit)

            TREdit-5 (Traffic Flow Breaks Edit)

> 0 inconsistencies = 5
> 1-3 inconsistencies = 4
> 4-6 inconsistencies = 3
> 7-9 inconsistencies = 2
> 10-12 inconsistencies = 1
> >12 inconsistencies = 0

Period: P1 and P2

Process: TDA runs edits to determine the number of inconsistencies. These items come from RCI Feature 330 and Feature 331.

Scoring: The score comes from the number of inconsistencies in each report. See graphic scoring table for more detailed metrics. The Traffic Data Coordinator scores this Objective.

Goal Three: Maintain GIS LRS and produce reports of Florida roads

OBJECTIVE 14: Eliminate Inconsistencies between the GIS LRS and RCI

Items:

Number of On-System roads with discrepancies

Number of Off-System/Exclusive roads with discrepancies

Period: P1 and P2

Process: TDA runs the Monthly RCI/GIS LRS Summary and Detail Report showing discrepancies between the GIS LRS and RCI. This report compares a roadway's LRS alignment with its RCI data. This is done for Active On, Active Off, Active with Combination, and Active Exclusive roadways. Pending roadways are not included. Cut-off dates for LRS Package submittals are the 15th of the last month of the evaluation period.

Scoring: The score comes from the number of discrepancies. See graphic scoring table for more detailed metrics. The LRS Coordinator scores this Objective.

Item 1
0 discrepancies = 5
1 discrepancy = 4
2 discrepancies = 3
3 discrepancies = 2
4 discrepancies = 1
5 or more discrepancies = 0

Item 2
0 discrepancies = 5
1-2 discrepancies = 4
3-4 discrepancies = 3
5-6 discrepancies = 2
7-8 discrepancies = 1
9 or more discrepancies = 0

Web Based DQE Report

Access DQE Reporting directly here:

https://fdotewp2.dot.state.fl.us/DistrictQualityEvaluation/wfrm/wfrmMain2.aspx

Home Tab

The **Home** tab provides access to all past DQE Reports. First, read the bulleted information. Second, select a link from the 'Title' column or 'District Details' column to view more information. To return to this page, click **Home** at the top of the page.

Note: If you are having an issue with the top header (Home, Summary, District, etc.), please make sure your browser is in compatibility mode.

| DQE | Home | Summary | District | Scoring Table | Analysis | Logout | 1.1.2.24557 |

DQE Client

- Select period to see that period's summary page.
- Select district details button to see district's detail page.
- Use the links on the menu above to go to a different area of the program.
- Click Help to review the help pages.
- Click Administration to go to the DQE administration program.
- **Warning:** Do not use the [Back] button on your browser while using this application.

Available DQEs

Title	Review Period	District Details							
P1 2024 - DRAFT	Jan-Jun 2024	D1	D2	D3	D4	D5	D6	D7	TP
P2 2023	Jul-Dec 2023	D1	D2	D3	D4	D5	D6	D7	TP
P1 2023	Jan-Jun 2023	D1	D2	D3	D4	D5	D6	D7	TP
P1 2022	Jul-Jul 2022	D1	D2	D3	D4	D5	D6	D7	TP
P2 2022	Jul-Dec 2022	D1	D2	D3	D4	D5	D6	D7	TP
P2 2021	Jul-Dec 2021	D1	D2	D3	D4	D5	D6	D7	TP
P1 2021	Jan-Jun 2021	D1	D2	D3	D4	D5	D6	D7	TP
P2 2020	Jul-Dec 2020	D1	D2	D3	D4	D5	D6	D7	TP
P1 2020	Jan-Jun 2020	D1	D2	D3	D4	D5	D6	D7	TP
P2 2019	Jul-Dec 2019	D1	D2	D3	D4	D5	D6	D7	TP
P1 2019	Jan-Jul 2019	D1	D2	D3	D4	D5	D6	D7	TP
P2 2018	Jul-Dec 2018	D1	D2	D3	D4	D5	D6	D7	TP
P2 2017	Jul-Dec 2018	D1	D2	D3	D4	D5	D6	D7	TP
P1 2018	Jan-Jun 2018	D1	D2	D3	D4	D5	D6	D7	TP
P1 2017	Jan-Jun 2017	D1	D2	D3	D4	D5	D6	D7	TP
P2 2016	Jul-Dec 2016	D1	D2	D3	D4	D5	D6	D7	TP
P1 2016	Jan-Jun 2016	D1	D2	D3	D4	D5	D6	D7	TP
P2 2015	Jul-Dec 2015	D1	D2	D3	D4	D5	D6	D7	TP
P1 2015	Jan-Jun 2015	D1	D2	D3	D4	D5	D6	D7	TP
P2 2014	Jul-Dec 2014	D1	D2	D3	D4	D5	D6	D7	TP
P1 2014	Jan-Jun 2014	D1	D2	D3	D4	D5	D6	D7	TP
P2 2013	Jul-Dec 2013	D1	D2	D3	D4	D5	D6	D7	TP
P1 2013	Jan-Jun 2013	D1	D2	D3	D4	D5	D6	D7	TP
P2 2012	Jul-Dec 2012	D1	D2	D3	D4	D5	D6	D7	TP
P1 2012	Jan-Jun 2012	D1	D2	D3	D4	D5	D6	D7	TP
P2 2011	Jul-Dec 2011	D1	D2	D3	D4	D5	D6	D7	TP
P1 2011	Jan-Jun 2011	D1	D2	D3	D4	D5	D6	D7	TP
P2 2010	Jul-Dec 2010	D1	D2	D3	D4	D5	D6	D7	TP
P1 2010	Jan-Aug 2010	D1	D2	D3	D4	D5	D6	D7	TP

Summary Tab

The **Summary** tab displays DQE Reports. Use the dropdown 'Date' menu for viewing different years. To return to this page, click the **Summary** tab at the top of the page. The Overall Data Rating score at the bottom of the list is an average of each of the fourteen objectives.

DQE | Home | Summary | District | Scoring Table | Analysis | Logout | 1.1.2.24557

Date: P1 2024 - DRAFT ▼

District Quality Evaluation of Highway, Traffic, and System Support Data — POINT TOTALS — January-June 2024

		District:	1	2	3	4	5	6	7	TP
GOAL 1: Continually improve and enhance the accuracy, completeness, and timeliness of highway data										
1	Ensure District data quality control plans are updated and useful	District submits their Quality Control Plan by January 31st	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
2	Keep standard roadway data items consistent with each other	Main1 (Preliminary RCI/HPMS Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Main2 (Gaps and Overlaps Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		RCEdit1 (Characteristics Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		RCEdit2 (ROWYSIDE Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		RCEdit3 (TYPEROAD Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		RCEdit4 (Invalid Offsets)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		RCEdit5 (Active Exclusive Roads)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		RCEdit6 (Bridge Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		RCEdit7 (On-System MAXSPEED)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
3	Keep Highway Performance Monitoring System items consistent with each other	HPEdit1 (Sample Characteristics)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		HPEdit2 (Universe Characteristics)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		HPEdit4 (Sample Breaks by F330)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		HPEdit5 (Incongruent Data Lengths)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		HPEdit6 (Curve/Grades by Class Lengths)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		HPEdit10 (HPMS Sample Number)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
4	Context Classification is coded for On-System Roadways	Randomly selected roadways Context Classifications are reviewed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
5	Keep roadway inventory timely	Percent of RCI updated within 90 days after conditional/final acceptance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Percent of RCI on-system 5-year inventory complete	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Percent of RCI off-system 5-year inventory complete	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Percent of HPMS on-system 3-year inventory complete	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Percent of HPMS off-system 3-year inventory complete	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
6	Make SLDs accurate, useful, and complete	SLDs matching database	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		SLDs with proper formatting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
7	Keep Key Sheets timely	Key Sheet updated and distributed within 120 days after change	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
8	Encourage District internal QA/QC	Corrections to Objectives from previous DQE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
Objectives 1-8 Overall Highway Data Rating		Highest Highway Data Rating:	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
GOAL 2: Process AADT count estimates so that high quality and current data will be available by March 15 of the following year										
9	Start the new traffic count cycle promptly	Provide count schedule for the current year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Provide certification that equipment is proper and functioning correctly	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
10	End of year process work assignment resolution	Days to respond to questions and requests from Central Office	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Review and correct preliminary AADT by requested deadline	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
11	Eliminate the need for third year estimates	Number of sites with estimated counts for third year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
12	Complete the traffic count cycle on schedule	Complete data collection by November 15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Load all traffic data to mainframe before December 31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
13	Ensure count station assigned to traffic flow break and traffic break code are correct	TREdit-4 (Traffic Breaks Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		TREdit-5 (Traffic Flow Breaks Edit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
Objectives 9-13 Overall Traffic Data Rating		Highest Traffic Data Rating:	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
GOAL 3: Maintain GIS LRS and produce reports of Florida roads										
14	Eliminate inconsistencies between the GIS LRS and RCI	Number of on-system roads with discrepancies	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Number of off-system/exclusive roads with discrepancies	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Average	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
Objective 14 Overall LRS Data Process Rating		Highest LRS Data Process Rating:	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
Objectives 1-14 Overall Data Rating		Highest Overall:	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C

* N/C denotes that the Objective was not included in the District's Data Rating

District Tab

The **District** tab presents a 'Date' and a 'District' dropdown menu for viewing different years and Districts. District users only have permission to view their District's reports/scores. To return to this page, click **District** tab at the top of the page.

DQE | Home | Summary | District | Scoring Table | Analysis | Logout | 1.1.2.24557

Date: P1 2024 - DRAFT ▾ District: District 1 ▾

District Quality Evaluation Summary
Jan-2024   District 1

GOAL 1: Continually improve and enhance the accuracy, completeness, and timeliness of highway data

Objective 1: Ensure District data quality control plans are updated and useful

Item to Review	Basis/Method of Review	Value	Points	Average
District submits their Quality Control Plan by January 31st	The Quality Control Plan requirements are outlined in the Quality Assurance Monitoring Plan (QAMP)	N/A	N/A	
On scale of 1 to 5				N/C

Objective 2: Keep standard roadway data items consistent with each other

		Points
Main1 (Preliminary RCI/HPMS Edit)	Number of sections with errors	N/A
Main2 (Gaps and Overlaps Edit)	Number of sections with errors	N/A
RCEdit1 (Characteristics Edit)	Number of sections with errors	N/A
RCEdit2 (ROWYSIDE Edit)	Number of sections with errors	N/A
RCEdit3 (TYPEROAD Edit)	Number of sections with errors	N/A
RCEdit4 (Invalid Offsets)	Number of sections with errors	N/A
RCEdit5 (Active Exclusive Roads)	Number of sections with errors	N/A
RCEdit6 (Bridge Edit)	Number of sections with errors	N/A
RCEdit7 (On-System MAXSPEED)	Number of sections with errors	N/A
Average, on scale of 1 to 5		N/C

Objective 3: Keep Highway Performance Monitoring System items consistent with each other

		Points
HPEdit1 (Sample Characteristics)	Number of sections with errors	N/A
HPEdit2 (Universe Characteristics)	Number of sections with errors	N/A
HPEdit4 (Sample Breaks by F330)	Number of sections with errors	N/A
HPEdit5 (Incongruent Data Lengths)	Number of sections with errors	N/A
HPEdit6 (Curve/Grades by Class Lengths)	Number of sections with errors	N/A
HPEdit10 (HPMS Sample Number)	Number of sections with errors	N/A
Average, on scale of 1 to 5		N/C

Objective 4: Context Classification is coded for On-System Roadways

		Points
Randomly selected roadways Context Classifications are reviewed	Number of sections with no errors	N/A
On scale of 1 to 5		N/C

Objective 5: Keep roadway inventory timely

		Points
Percent of RCI updated within 90 days after conditional/final acceptance	Percent of sections updated	N/A
Percent of RCI on-system 5-year inventory complete	Percent of inventory complete	N/A
Percent of RCI off-system 5-year inventory complete	Percent of inventory complete	N/A
Percent of HPMS on-system 3-year inventory complete	Percent of inventory complete	N/A
Percent of HPMS off-system 3-year inventory complete	Percent of inventory complete	N/A
Average, on scale of 1 to 5		N/C

Objective 6: Make SLDs accurate, useful, and complete

		Points
SLDs matching database	Number of SLDs that match database	N/A
SLDs with proper formatting	Number of SLDs that are properly formatted	N/A
Average, on scale of 1 to 5		N/C

Objective 7: Keep Key Sheets timely

		Points
Key Sheet updated and distributed within 120 days after change	Adds, Deletes, and Modifications kept current	N/A
On scale of 1 to 5		N/C

Objective 8: Encourage District internal QA/QC

		Points
Corrections to Objectives from previous DQE	Corrections made	N/A
On scale of 1 to 5		N/C

Objectives 1-8 Overall Highway Data Rating   N/C

GOAL 2: Process AADT count estimates so that high quality and current data will be available by March 15 of the following year

Objective 9: Start the new traffic count cycle promptly

Item to Review	Basis/Method of Review	Value	Points	Average
Provide count schedule for the current year	Date count schedule received in Tallahassee		N/A	
Provide certification that equipment is proper and functioning correctly	Date certification received in Tallahassee		N/A	
Average, on scale of 1 to 5				N/C

Objective 10: End of year process work assignment resolution

		Points
Days to respond to questions and requests from Central Office	Avg. number of days to respond	N/A
Review and correct preliminary AADT by requested deadline	Corrected traffic data received in Tallahassee by requested deadline	N/A
Average, on scale of 1 to 5		N/C

Objective 11: Eliminate the need for third year estimates

		Points
Number of sites with estimated counts for third year	Number of sites	N/A
On scale of 1 to 5		N/C

Objective 12: Complete the traffic count cycle on schedule

		Points
Complete data collection by November 15	Data collection received by Nov. 15	N/A
Load all traffic data to mainframe before December 31	All traffic data loaded into mainframe before Dec 31	N/A
Average, on scale of 1 to 5		N/C

Objective 13: Ensure count station assigned to traffic flow break and traffic break code are correct

		Points
TREdit-4 (Traffic Breaks Edit)	Number of errors	N/A
TREdit-5 (Traffic Flow Breaks Edit)	Number of errors	N/A
Average, on scale of 1 to 5		N/C

Objectives 9-13 Overall Traffic Data Rating   N/C

GOAL 3: Maintain GIS LRS and produce reports of Florida roads

Objective 14: Eliminate inconsistencies between the GIS LRS and RCI

Item to Review	Basis/Method of Review	Value	Points	Average
Number of on-system roads with discrepancies	Number of discrepancies Not addressed by District		N/A	
Number of off-system/exclusive roads with discrepancies	Number of discrepancies Not addressed by District		N/A	
Average, on scale of 1 to 5				N/C

Objective 14 Overall LRS Data Process Rating   N/C

Overall Data Rating   N/C

Scoring Table Tab

The **Scoring Table** tab displays the criteria that determined the score for each item. Use the 'Date' dropdown menu for viewing different years. To return to this page, click **Scoring Table** tab at the top of the page.

Date: P1 2024 - DRAFT ▾

District Quality Evaluation Scoring Tables

SCORING TABLES for HIGHWAY DATA RATING

Objective 1: Ensure District data quality control plans are updated and useful
Process:

Item	5	4	3	2	1	0
District submits their Quality Control Plan by January 31st	Yes	-	-	-	-	No

Objective 2: Keep standard roadway data items consistent with each other
Process:

Item	5	4	3	2	1	0
Main1 (Preliminary RCI/HPMS Edit)	0	1-3	4-6	7-9	10-15	≥ 16
Main2 (Gaps and Overlaps Edit)	0	1-3	4-6	7-9	10-15	≥ 16
RCEdit1 (Characteristics Edit)	0-9	10-15	16-20	21-25	26-30	≥ 31
RCEdit2 (RDWYSIDE Edit)	0-9	10-15	16-20	21-25	26-30	≥ 31
RCEdit3 (TYPEROAD Edit)	0-9	10-15	16-20	21-25	26-30	≥ 31
RCEdit4 (Invalid Offsets)	0-9	10-15	16-20	21-25	26-30	≥ 31
RCEdit5 (Active Exclusive Roads)	0-9	10-15	16-20	21-25	26-30	≥ 31
RCEdit6 (Bridge Edit)	0-9	10-15	16-20	21-25	26-30	≥ 31
RCEdit7 (On-System MAXSPEED)	0-9	10-15	16-20	21-25	26-30	≥ 31

Objective 3: Keep Highway Performance Monitoring System items consistent with each other
Process:

Item	5	4	3	2	1	0
HPEdit1 (Sample Characteristics)	0	1-3	4-6	7-9	10-15	≥ 16
HPEdit2 (Universe Characteristics)	0	1-3	5-6	7-9	10-15	≥ 16
HPEdit4 (Sample Breaks by F330)	0	1-3	4-6	7-9	10-15	≥ 16
HPEdit5 (Incongruent Data Lengths)	0	1-3	4-6	7-9	10-15	≥ 16
HPEdit8 (Curve/Grades by Class Lengths)	0	1-3	4-6	7-9	10-15	≥ 16
HPEdit10 (HPMS Sample Number)	0	1-3	4-6	7-9	10-15	≥ 16

Objective 4: Context Classification is coded for On-System Roadways
Process:

Item	5	4	3	2	1	0
Randomly selected roadways Context Classifications are reviewed	5	4	3	2	1	0

Objective 5: Keep roadway inventory timely
Process:

Item	5	4	3	2	1	0
Percent of RCI updated within 90 days after conditional/final acceptance	90-100%	80-89%	70-79%	60-69%	50-59%	0-49%
Percent of RCI on-system 5-year inventory complete	90-100%	80-89%	70-79%	60-69%	0-59%	-
Percent of RCI off-system 5-year inventory complete	80-100%	70-79%	60-69%	50-59%	0-49%	-
Percent of HPMS on-system 3-year inventory complete	90-100%	80-89%	70-79%	60-69%	0-59%	-
Percent of HPMS off-system 3-year inventory complete	80-100%	70-79%	60-69%	50-59%	0-49%	-

Objective 6: Make SLDs accurate, useful, and complete
Process:

Item	5	4	3	2	1	0
SLDs matching database	5	4	3	2	1	0
SLDs with proper formatting	5	4	3	2	1	0

Objective 7: Keep Key Sheets timely
Process:

Item	5	4	3	2	1	0
Key Sheet updated and distributed within 120 days after change	Yes	-	-	-	-	No

Objective 8: Encourage District Internal QA/QC
Process:

Item	5	4	3	2	1	0
Corrections to Objectives from previous DQE	Yes	-	-	-	-	No

SCORING TABLES for TRAFFIC DATA RATING

Objective 9: Start the new traffic count cycle promptly
Process:

Item	5	4	3	2	1	0
Provide count schedule for the current year	Dec 01 - 31	Feb 01 - 15	Feb 16 - 28	Mar 01 - 15	Mar 16 - 31	Apr 01 - 31
Provide certification that equipment is proper and functioning correctly	Dec 01 - 31	Feb 01 - 15	Feb 16 - 28	Mar 01 - 15	Mar 16 - 31	Apr 01 - 31

Objective 10: End of year process work assignment resolution
Process:

Item	5	4	3	2	1	0
Days to respond to questions and requests from Central Office	0-2	3-5	6-7	8-9	10	≥ 11
Review and correct preliminary AADT by requested deadline	Yes	-	-	-	-	No

Objective 11: Eliminate the need for third year estimates
Process:

Item	5	4	3	2	1	0
Number of sites with estimated counts for third year	0	1	2	3	4	≥ 5

Objective 12: Complete the traffic count cycle on schedule
Process:

Item	5	4	3	2	1	0
Complete data collection by November 15	Yes	-	-	-	-	No
Load all traffic data to mainframe before December 31	Yes	-	-	-	-	No

Objective 13: Ensure count station assigned to traffic flow break and traffic break code are correct
Process:

Item	5	4	3	2	1	0
TREdit-4 (Traffic Breaks Edit)	0	1-3	4-6	7-9	10-12	≥ 13
TREdit-5 (Traffic Flow Breaks Edit)	0	1-3	4-6	7-9	10-12	≥ 13

SCORING TABLES for LRS DATA PROCESS RATING

Objective 14: Eliminate inconsistencies between the GIS LRS and RCI
Process:

Item	5	4	3	2	1	0
Number of on-system roads with discrepancies	0	1	2	3	4	≥ 5
Number of off-system/exclusive roads with discrepancies	0	1-2	3-4	5-6	7-8	9-100000

The **Analysis** tab is used for viewing and comparing trends over time. The first thing to do is create a data set. Under 'Select a data set,' click **Add New Dataset**.

On the screenshot to the right you will determine the criteria for the data set.

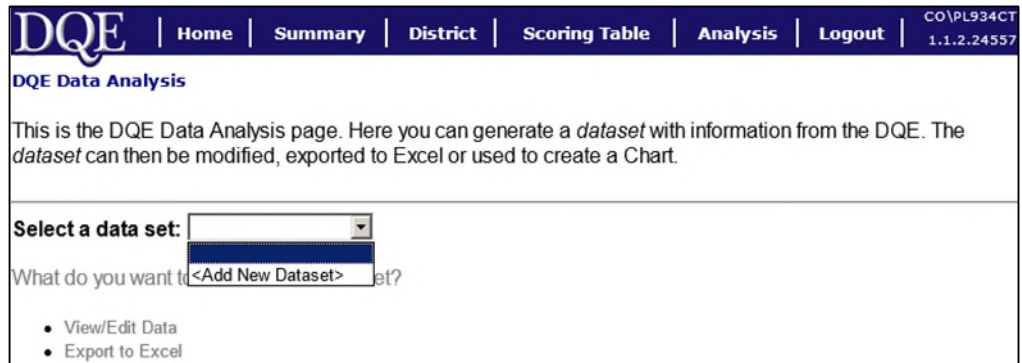**Step 1** - Name the data set using the input box. A default is provided, but you may enter whatever you want.

Step 2 - Select 'Overall,' 'Objective Relations,' or 'Goal Relations.'

Overall will compile all the overall scores. Objective Relations will compile all scores relating to whichever objective you select from the dropdown menu. Goal Relations will compile the overall goal scores for whichever goal you choose from the dropdown menu.
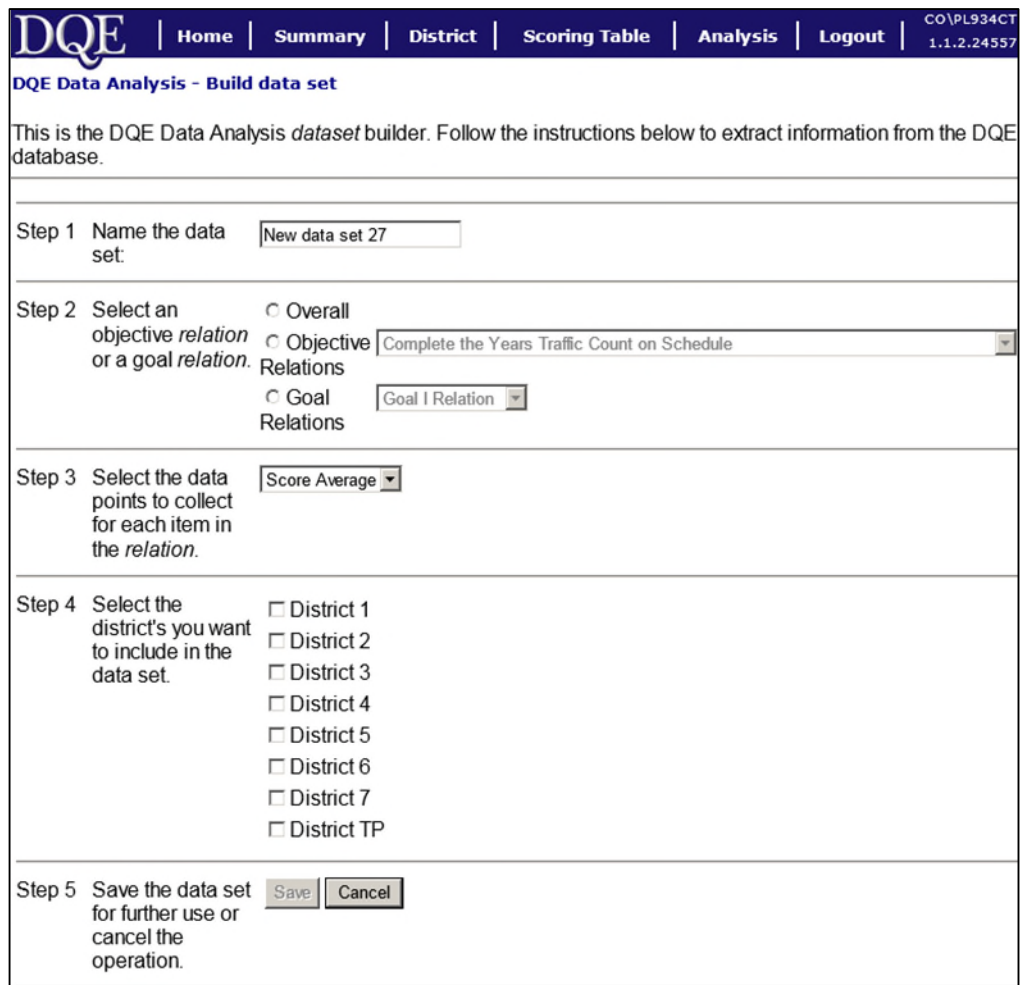
Step 3 - Keep as default.

Step 4 - Check the checkbox for however many Districts you want to include in the data set. District users will only have their District listed in this step.

Step 5 - Click **Save** to save the data set. Click **Cancel** to cancel.

After clicking **Save**, you will return to the main *Analysis* screen with the newly created data set preselected in the 'Select a data set' dropdown menu.

To view the data set click **View/Edit Data**. After viewing the data remember to click the **Done** button instead of the browser's back button. While viewing the data, you may edit and delete rows. Modifying data on this page will only affect the data on this page, not the scores in the database.
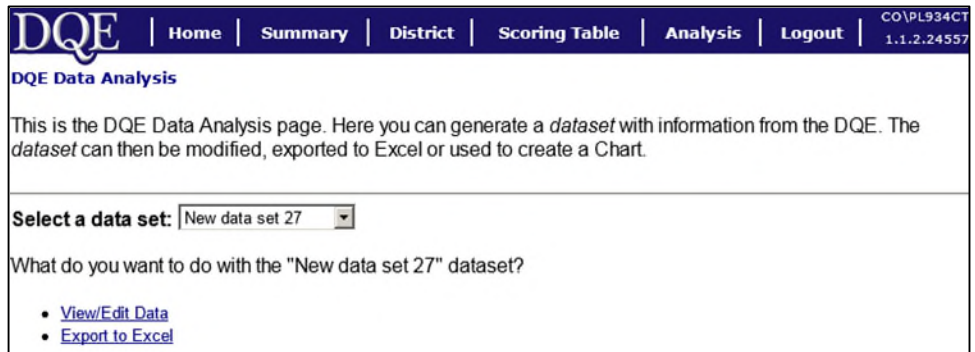
To export the data set to Excel click **Export to Excel**. Click the **here** link to download the data set. When the download is complete, click the **Done** button.
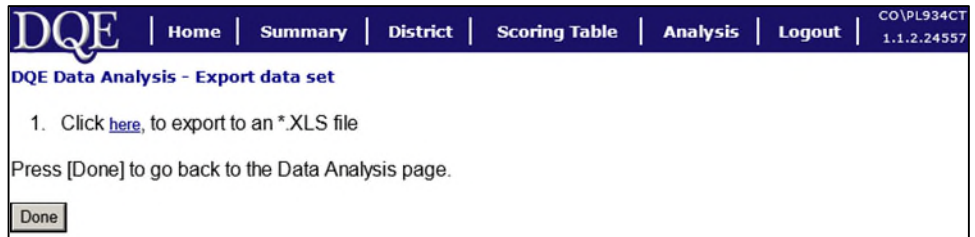
Data sets do not remain from session to session, they are deleted once you leave the *Analysis* page.

SharePoint Website

The SharePoint website is:

https://fldot.sharepoint.com/sites/FDOT-TDA/SitePages/TDI-pages/about-TDQMP.aspx

On this SharePoint site, you can access links to reports, schedules, handbooks, and templates.

Additionally, you'll also find various official FDOT Documents and Publications, DQE & QAR Reports as well as the SLD/Key Sheet Email Template.

Abbreviations and Acronyms

AADT	*Annual Average Daily Traffic*
CCS	*Continuous Count Site (CCS)*
DART	*Data Analysis and Reporting for Transportation Systems*
DQE	*District Quality Evaluation*
DSA	*District Statistics Administrator*
EOYP	*End of year process*
FDOT	*Florida Department of Transportation*
FHWA	*Federal Highway Administration*
GIRD	*General Interest Roadway Data*
GIS	*Geographic Information System*
HPMS	*Highway Performance Monitoring System*
Key Sheet	*County Section Number Key Sheets*
LRS	*Linear Referencing System (previously known as Basemap)*
P1	*Period 1 (January 1 - June 30)*
P2	*Period 2 (July 1 - December 31)*
PTMS	*Portable traffic monitoring site*
QAMP	*Quality Assurance Monitoring Plan*
QAR	*Quality Assurance Review*
RCI	*Roadway Characteristics Inventory*
RITA	*Roadway Inventory Tracking Application*
SHS	*State Highway System*
SLD	*Straight-line Diagram*
TDA	*Transportation Data and Analytics Office (current office name)*
TranStat	*Transportation Statistics Office (previous office name)*