SAFETYNET Reports

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U.S. DOT Volpe Center

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Thanks to your peers:

- Linda Allred, Nevada
- Renee Hill, Arkansas
- Jim Wright, Maine
Learning Objectives

- Customize SAFETYNET reports to answer questions using SAFETYNET data
- Export SAFETYNET data into Excel and customize reports using Pivot Tables
Session Format: Demos and Exercises

Demo: We’ll show you how it’s done

Exercise: You’ll do it on your own
What Can You Do with Reports?

- Show program activity
- Respond to requests from inspectors, investigators, management, and the public
- Identify issues with training or data quality
## Report Categories

<table>
<thead>
<tr>
<th>Report Category</th>
<th>Inspection</th>
<th>Crash</th>
</tr>
</thead>
<tbody>
<tr>
<td>Record Summary</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Data Entry</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>Workload</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Prioritization</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Summary</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Statistical</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Crossover</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Upload Status</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

For more information on these reports, refer to the SAFETYNET Manual.
Reminder… Choose Inspection or Crash Tab First

Then Click This

First
Click
This
The Inspection Dialogue Box Layout

**Note**: For this training, do not check the All Records button to run records against the entire data set.
The Crash Dialogue Box Layout

- **Record Selection**
  - Current Record
  - Tagged Records
  - All Queried Records
  - All Records

- **Sort By**
  - Ascending
  - Descending

- **Additional Filtering**
  - Errors and warnings
  - Errors only

- **Filters**
  - Crash(es) Date Range
    - Begin Date: 01/01/1994
    - End Date: 03/06/2020
  - Input Date Range
    - Begin Date: 01/01/1994
    - End Date: 03/06/2020

- Buttons: OK, Close, Help
Warning...Tag Your Records When Running a Query!
Customizing SAFETYNET Reports

Demo 1: Create a report showing inspection activity

Use the MCSAP Quarterly Report and the Inspector Profile Report to quickly monitor inspection counts

1. Choose the MCSAP Quarterly Report
2. Change the dates to monthly
3. Run the Report
4. Repeat for Inspector Profile Report
Customizing SAFETYNET Reports

**Demo 2:** Create a report showing farm vehicle activity using SAFETYNET’s query tool

Customize the MCSAP Quarterly Report to show farm inspections

1. Run a query to identify farm vehicle inspections
2. Choose Report, Statistical Reports, MCSAP Quarterly Report
3. Run the report
Demo 3: Export hazmat data gathered from inspections to Excel

1. Customize the SAFETYNET inspection grid by adding “HM Insp Type” and “Truck/Bus” fields to the grid
2. Export the data from the SAFETYNET grid to Excel
Demo 4: Create a PivotTable of Hazmat inspections by inspector and inspection level

1. Use the results from Demo 3 to create a PivotTable
2. Insert a PivotTable into the spreadsheet
3. Add rows, columns, values
Create a PivotTable in Excel

Exercise: You’ll do it on your own

Demo: We’ll show you how it’s done
• The SAFETYNET Manual is included within SAFETYNET
• You can access it by clicking Help on the top menu
Have Questions? Let Us know!

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Additional Resources:
Data Quality Website
http://ai.fmcsa.dot.gov/DataQuality

Thank You!