Searching the Contents of the FRA *Safety Data* Web Site

IMPORTANT

To figure out which FRA Safety Data Query you'll need to use, it can help to know what you are looking for. The easiest way to find what you want is to search by keyword. To find what you want, you'll be doing a keyword search for specific terms by using Control F feature (i.e. find) in Adobe PDF or MS Word. The OUTPUT TABLE COLUMNS is where you'll want to look first.

1) Hold down CRTL key, while tapping "F"
2) A SEARCH (or NAVIGATE) box will pop up.
3) Type in the key word you want…. i.e. "collisions", or "passengers"
4) The search feature will find all occurrences of that word.
5) Hints: Use the basic form of the word. If you can't find the phrase, choose the most descriptive word from the phrase and try that.

1.02 Operational Data Tables

The *Operational Data Tables* report is based on the regulation- required monthly reporting of operational railroads. The form used to populate the output is the 6180.55, or the "55". Counts displayed are per month, with a separate table for each calendar year.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Start Year, End Year

Title of Output Table(s): Operational Data, By Month

OUTPUT TABLE COLUMNS:

Total Train Miles	Employee Hours Worked	Yard Switching Miles	Number of Passengers Transported	Passenger Miles*	Reports*

Footnotes:

* The movement of a passenger for a distance of one mile.

Total train miles includes yard switching miles.

1.11 One Year Accident/Incident Overview – Combined

The One Year Accident / Incident Overview report displays about 70 measures in a more readable text report format. Optional date ranges are by fiscal or calendar year, one year at a time only. Incidents, accidents, other incidents, grade crossing counts, trespasser data, employee on duty data and highway – rail accident counts are all displayed. Note: Incident and Accident rates, and the counts that go into them (Train Miles, Yard Switching Miles, Other Miles, Employee Hours), are automatically set to 0 on REGION, STATE and COUNTY geography levels. This is due to the way the data is reported by railroads: national level only, and therefore the counts are not valid for a railroad below that level.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Report Requested, Start Month for Report, End Month for Report

OUTPUT TABLE COLUMNS:

Total accidents/incidents count	Total # Accident/Incidents with fatalities	Total Rate Accident/Incidents with fatalities	Total accident/Incident Rate	Total Train Miles	Total Fatality count	Total Switching Miles	Total nonfatal conditions (injuries)	Employee Hours	Total Train Accidents
Rate fatal Train accidents	Number fatalities per million train miles	Number Collisions	Total Fatalities(?)	Number Derailments	Total Injuries	Other accidents	Primary Cause Human Factor - percent	Primary Cause Human Factor - Count	Primary Cause Track - percent
Primary Cause	Primary Cause	Primary Cause	Primary	Primary	Primary	Count	Percent	Rate	Rate

Equipment - percent	Equipment - Count	Signal - percent	Cause Signal - Count	Cause Miscellaneous - percent	Cause Miscellaneous - count	Accidents Yard Track	Accidents Yard Track	Accidents per million yard trrain miles	Accidents per million miles - other
Overall percentage of train accidents per all incidents	Number of train accidents involving passenger trains	Percentage of train accidents involving passenger trains	Number of train accidents resulting in HAZMAT release	Percentage of train accidents resulting in HAZMAT release	Number of persons evacuated in HAZMAT release	Number of railcars releasing HAZMAT	Number of Highway Rail Crossings	Number of Highway Rail Incidents	Grade Crossing Incidents per million train miles
Trespasser Incident Frequency per million train miles	Total Grade Crossing Fatalities	Total Trespasser Fatalities	Total Grade Crossing Injuries	Total Trespasser Incidents	Number of Public Crossngs	Number Public Crossings with Gates	Other activated Crossings	Number Crossings with Passive Warnings	Number Private Crossings
Highway Rail and Trespasser Fatalities as percent of all fatalities	Highway Rail and Trespasser Incidents as percent of all incidents	Number Other Incidents	Number of fatalities other incidents	Percent of fatalities other incidents	Percent of other incidents versus all incidents	Total fatalities	Total fatalities EOD	Total fatalities trespassers	Total non-fatal conditions - injuries
Total non-fatalities EOD	Employee on Duty (EOD) cases	Frequency EOD per 200K hours worked	Total EOD fatalities	% EOD fatalities versus all fatalities	Total EOD injuries	% EOD injuries versus all	Number passengers carried	Number of passenger miles	Number passenger

						injuries			deaths
Number passenger injuries	rate passenger cases per 100,000,000 miles								

1.12 Ten Year Accident / Incident Overview

The *Ten Year Accident / Incident Overview* report displays almost 60 measures within Table 1. Optional date ranges are by fiscal or calendar year: nine years plus one partial year or a full 10 years. The limited nine – plus display is in cases where the most current data available does not complete the year. Table 1 concentrates on the most commonly asked for measures of the Safety Data Information Management staff. Incidents, accidents, other incidents, grade crossing counts, trespasser data, employee on duty data and highway – rail accident counts are all displayed.

Table 2 displays the same date ranges as Table 1. Date ranges are by fiscal or calendar year: nine years plus one partial year or a full 10 years. There are nine measures giving general counts about the railroad, accident form counts, and whether the railroad is counted as an "Individual" "System" or "Consolidated railroad. Since for any particular incident multiple forms could be required to fully describe what happened, statistics are given about record counts of each major form for each railroad examined:

- Form 54 – Reportable accidents
- Form 55A – Injuries and fatalities
- Form 57 – Grade Crossing specific incidents

➢ Individual Reporting Level – counts displayed are for the chosen railroad code only – no aggregation takes place.

- System reporting Level – Larger railroads (Class 1, Larger Class 2's mostly) are often made up of a few, or many, smaller railroads. This reporting aggregates all of the railroads in a "system" together.
- Consolidated Level – this is a special case reporting aggregation, allowed only for a few specific railroads who requested special consideration.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Railroad Group, Region, State, County, Type of Report Requested, Start Month for Report, End Month for Report

OUTPUT TABLE COLUMNS:

1.12 - TEN YEAR ACCIDENT / INCIDENT OVERVIEW

Number of railroads included in analysis	TOTAL ACCIDENTS/INCIDENTS 1/	..... RATE of Total Accidents / Incidents per million train miles	Total fatalities	Total nonfatal conditions - injuries	Employee on duty deaths	Nonfatal Employee On Duty injuries	Nonfatal Employee On Duty illnesses	Total employee on duty cases	Employee hours worked
Cases with days absent from work	Trespasser deaths, not at HRC	Trespasser injuries, not at HRC	Passengers kld in train accs or crossing incidents	Passengers inj in train accs or crossing incidents	Passengers kld in other incidents	Passengers inj in other incidents	Passengers transported	Total train miles	Yard switching miles
TRAIN ACCIDENTS	RATE of Train Accidents per million train	Train accident deaths	Train accident injuries	Human factor caused count	Track caused acciden	Motive power/equipment	Signal caused count, all	Signal caused count,	Miscellaneous caused

	miles				t count	caused count	track types	main line track	
Collisions	Collisions on main line track	Derailments	Other types, e.g., obstructions	Train accidents on main line	RATE of Train accidents per million train miles	Accidents on yard track	RATE of yard accidents / yard switching miles	HAZMAT RELEASES	Cars carrying hazmat
Hazmat cars damaged/derailed	Cars releasing	Accidents with reportable damage over $100K	Accidents with reportable damage over $100K, PERCENT of all train accidents	Accidents with reportable damage over $500K	Accidents with reportable damage over $500K, PERCENT of all train accidents	Accidents with reportable damage over $1M	Accidents with reportable damage over $1M, PERCENT of all train accidents	HIGHWAY-RAIL INCIDENTS	RATE of Highway-rail incidents per mil train miles
Highway-rail incidents deaths	Highway-rail incidents injuries	Incidents at public xings	PERCENT of total Highway-rail incidents	OTHER ACCIDENTS/INCIDENTS counts	Other incidents deaths counts	Other incidents injuries counts			

OUTPUT TABLE COLUMNS:

Railroad	Total	Percent of	Form 57	Form 57	Form 55A	Form 55A	System	Consolidated	

	Accident / Incident Records Count	Total Accident / Incident	(Grade Crossing Incidents) Count	Percent of Accident / Incident Railroad Total	(Casualties) Count	Percent of Accident / Incident Railroad Total	Railroad Code	Railroad Code	

FOOTNOTE 1. Form 55a used for reporting deaths and injuries. Form 54 for train accidents, and Form 57 for highway-rail crossing incidents

1.13 - Freight/Passenger Operations Ten Year Overview

The *Freight – Passenger Operations Ten Year Overview* report is specific to Freight or Passenger railroads. It will display only one or the other. The report displays 48 measures, the same in many cases to the counts and rates in the standard Overview from 1.12. It is also a "ten year" report, Fiscal or Calendar year - nine years plus one partial year or a full 10 years. The limited nine – plus display is in cases where the most current data available does not complete the year.

There is a special case note displayed on this report: ***Freight and Passenger Operational data cannot be combined for comparison with the results of other accident/incident reports due to the fact that these operational reports are based on type of equipment reported to FRA and the fact that both freight and passenger equipment may be involved in a single accident/incident.***

SELECTION PARAMETERS: Freight or Passenger Button, Region, State, County, Type of Report Requested, Start Month for Report, End Month for Report

OUTPUT TABLE COLUMNS:

TOTAL FREIGHT (or PASSENGER) ACCIDENTS/INCIDENTS	RATE of Total Acc/Incs per mil Freight (or PASSENGER) train miles	Total fatalities	Total nonfatal conditions	Employee On Duty (EOD) deaths	Nonfatal Employee On Duty (EOD) injuries	Nonfatal Employee On Duty (EOD)	Total Employee On Duty (EOD) cases	Cases with days absent from work	Trespasser deaths, not at Highway-Rail

						illnesses			Crossing (HRC)
Trespasser injuries, not at Highway-Rail Crossing (HRC)	Total Freight (or PASSENGER) train miles	FREIGHT (or PASSENGER) TRAIN ACCIDENTS	RATE of Train Accidents per million Freight (or PASSENGER) train miles	Train accident deaths	Train accident injuries	Human factor caused count	Track caused count	Motive power/equipment caused count	Signal caused count, all track types
Signal caused count, main line track	Miscellaneous caused count	Collisions count	Collisions on main line track count	Derailments	Other types, e.g., obstructions	Train accidents on main line	RATE of Train accidents per million Freight (or PASSENGER) train miles	Accidents on yard track	HAZMAT RELEASES
Cars carrying hazmat	Hazmat cars damaged/derailed	Cars releasing	Accidents with reportable damage over $100K	Accidents with reportable damage over $100K, PERCENT	Accidents with reportable damage over $500K	Accidents with reportable damage over	Accidents with reportable damage over $1M	Accidents with reportable damage over $1M, PERCENT of all train	FREIGHT (or PASSENGER) HIGHWAY-RAIL INCIDEN

				of all train accidents		$500K, PERCENT of all train accidents		accidents	TS
RATE of Highway-rail incidents per mil Freight (or PASSENGER) train miles	Highway-rail incidents deaths	Highway-rail incidents injuries	Incidents at public xings	PERCENT of total Highway-rail incidents	OTHER FREIGHT (or PASSENGER) ACCIDENTS/INCIDENTS	Other incidents deaths	Other incidents injuries		

1.14 Graphic Ten Year Accident/Incident Overview

The *Graphical Ten Year Accident / Incident Overview* displays a large number of graphs, based on SELECTION PARAMETERS chosen. It displays graphical representations of many of the most important data measures found in Query 1.12. It is also a "ten year" report, Fiscal or Calendar year - nine years plus one partial year or a full 10 years. The limited nine – plus display is in cases where the most current data available does not complete the year. The 1.14 query also replaces the old 1.03 and 1.04 queries (which will be retired), since the same measures are displayed.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Railroad Group, Region, State, County, Type of Report Requested, Start Month for Report, End Month for Report

OUTPUT TABLE COLUMNS:

Tran Accidents and Incidents	Human Factor Rate	Track – Cause Rate	Equipment Defect	Total Signal and Miscellaneous Cause Rate	High – Rail Incident Rate	Total Train Miles	Train Accident Rate	Total Fatalities	Total Non – Fatal Conditions - Injuries

			Rate						
Trespasser Fatalities	Trespasser Injuries	Employee on Duty Fatalities	Employee On Duty Injuries	Employee Hours Worked	Employee On Duty Cases				

2.03 Train Accidents by Railroad Groups

Train Accident by Railroad Groups emphasizes the role that railroad groups play in the accident data. 'Group' is FRA distinction determined by the number of Employee Hours Worked.

- Group 1 = Class 1 railroads
- Group 2 = railroads with > 400,000 employee hours worked that year
- Group 3 = railroads with < 400,000 employee hours

There are five tables on the output, with all columns labeled essentially the same - column labels varying only by date range and whether "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY). Accident counts displayed are for the last three full years plus the fourth partial to full year. Table classes are by

- ✓ railroad
- ✓ state
- ✓ track class (main, siding, etc.)
- ✓ primary location of the accident site
- ✓ type of railroad equipment involved
- ✓ what the employee was doing (physical activity)
- ✓ primary location of the accident site and the immediate area description

SELECTION PARAMETERS: Railroad Group, Region, State, County, Type of Accident, Type of Track, Primary Cause of Accident, End Month, Last Year of 3 Year Comparison

Output Tables

- ACCIDENTS IN DESCENDING FREQUENCY BY RAILROAD
- ACCIDENTS IN DESCENDING FREQUENCY BY STATE
- ACCIDENTS IN DESCENDING FREQUENCY BY TRACK CLASS
- ACCIDENTS IN DESCENDING FREQUENCY BY CAUSE
- ACCIDENTS IN DESCENDING FREQUENCY BY TYPE

OUTPUT TABLE COLUMNS:

Total Accidents	Percent of All Accidents	Total Year Counts Year 1	Total Year Counts Year 2	Total Year Counts Year 3	Year Total Counts (start month to end month) Year 3	Year Total Counts (start month to end month) Year 4	Percent Change Over Time, Year 1 to Year 3	Percent Change Over Time, Year 2 to Year 3	Percent Change Over Time, Year 3 to Year 4

2.04 Employee on Duty Casualties

Employee on Duty Casualties displays injury and fatality count statistics for employees on the job while working with rail equipment. There are seven tables on the output, with all columns labeled essentially the same - column labels varying only by date range and whether “Year” = Calendar Year (CY) or “Year” = Fiscal Year (FY). Accident counts displayed are for the last three full years plus the fourth partial to full year. Table classes are by

- ✓ state
- ✓ railroad
- ✓ employee job
- ✓ primary location of the accident site
- ✓ type of railroad equipment involved

- ✓ what the employee was doing (physical activity)
- ✓ primary location of the accident site and the immediate area description

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Casualty Subsets, Location, Job Code Categories, Type of Report Requested, Start Month for Report, End Month for Report

Output Tables

- CASUALTIES (DEATHS AND INJURIES TO EMPLOYEES ON DUTY - (By State)
- CASUALTIES (DEATHS AND INJURIES TO EMPLOYEES ON DUTY - (By Railroad)
- CASUALTIES (DEATHS AND INJURIES TO EMPLOYEES ON DUTY -(By Job Type)
- CASUALTIES (DEATHS AND INJURIES TO EMPLOYEES ON DUTY -(By Primary Location)
- CASUALTIES (DEATHS AND INJURIES TO EMPLOYEES ON DUTY -(By Equipment Involved)
- CASUALTIES (DEATHS AND INJURIES TO EMPLOYEES ON DUTY -(By Physical Activity)
- CASUALTIES (DEATHS AND INJURIES TO EMPLOYEES ON DUTY -(By Type of Equipment and Location)

OUTPUT TABLE COLUMNS:

Total Cases	Percent of All Cases	Total Year Counts Year 1	Total Year Counts Year 2	Total Year Counts Year 3	Year Total Counts (start month to end month) Year 3	Year Total Counts (start month to end month) Year 4	Percent Change Over Time, Year 1 to Year 3	Percent Change Over Time, Year 2 to Year 3	Percent Change Over Time, Year 3 to Year 4

2.05 Employee on Duty Casualties – Rates

Employee on Duty Casualties displays injury and fatality rates for employees on the job while working with rail equipment. Rates are calculated by: Injury or Fatality Count/200K Employee Hours. Accident counts displayed are for the last three full years plus the fourth partial to full year.

There are seven tables on the output, with all columns labeled essentially the same - column labels varying only by date range and whether "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY).

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Casualty Subsets, End Month for Report, Last Year of 3 Year Comparison

Output Tables

- CASUALTIES (DEATHS AND NONFATAL INJURIES AND ILLNESSES), EVENTS (what happened) DISPLAYED IN DESCENDING FREQUENCY
- CASUALTIES (DEATHS AND NONFATAL INJURIES AND ILLNESSES), DISPLAYED IN DESCENDING FREQUENCY

OUTPUT TABLE COLUMNS:

Total Cases	Percent of All Cases	Total Year Counts Year 1	Total Year Counts Year 2	Total Year Counts Year 3	Year Total Counts (start month to end month) Year 3	Year Total Counts (start month to end month) Year 4	Percent Change Over Time, Year 1 to Year 3	Percent Change Over Time, Year 2 to Year 3	Percent Change Over Time, Year 3 to Year 4

2.07 Trespasser Casualties

Trespasser Casualties displays injury and fatality count statistics for railroad trespassers. Trespasser casualty counts displayed are for the last three full years plus the fourth partial to full year. There are five tables on the output, with all columns labeled essentially the same - column labels varying only by date range and whether "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY). Table classes are by

- ✓ state
- ✓ railroad
- ✓ age
- ✓ how the trespasser casualty was caused (event)
- ✓ what the employee was doing (physical activity)

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Casualty Subsets, Type of Report Requested, Start Month for Report, End Month for Report

Output Tables

- TRESPASSER CASUALTIES (DEATHS AND INJURIES) (BY …) (EXCLUDES HIGHWAY-RAIL INCIDENTS) -- By State
- TRESPASSER CASUALTIES (DEATHS AND INJURIES) (BY …) (EXCLUDES HIGHWAY-RAIL INCIDENTS) -- By Railroad
- TRESPASSER CASUALTIES (DEATHS AND INJURIES) (BY …) (EXCLUDES HIGHWAY-RAIL INCIDENTS) -- By Age
- TRESPASSER CASUALTIES (DEATHS AND INJURIES) (BY …) (EXCLUDES HIGHWAY-RAIL INCIDENTS) -- By Event
- TRESPASSER CASUALTIES (DEATHS AND INJURIES) (BY …) (EXCLUDES HIGHWAY-RAIL INCIDENTS) -- By Physical Activity and Event

OUTPUT TABLE COLUMNS:

Total Cases	Percent of All Cases	Total Year Counts Year 1	Total Year Counts Year 2	Total Year Counts Year 3	Year Total Counts (start	Year Total Counts (start	Percent Change Over Time,	Percent Change Over Time,	Percent Change Over Time,

					month to end month) Year 3	month to end month) Year 4	Year 1 to Year 3	Year 2 to Year 3	Year 3 to Year 4

2.08 Highway-Rail Crossings

Highway –Rail Crossings displays statistics for incidents involving rail equipment at grade crossings (the standard at-grade railroad crossing). Crossing incident counts reported are for the last three full years plus the fourth partial to full year. There are five tables on the output, with all columns labeled essentially the same - column labels varying only by date range and whether "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY). Table classes are by

- ✓ Type of vehicle involved, stuck by train or that stuck the train
- ✓ Number of incidents by state
- ✓ Number of incidents by railroad
- ✓ Number of casualties (fatalities and injuries) by state
- ✓ Number of casualties (fatalities and injuries) by railroad

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Road Types, Type of Report Requested, Start Month for Report, End Month for Report

Output Tables

- HIGHWAY-RAIL INCIDENTS (BY…) AT PUBLIC AND PRIVATE CROSSINGS -- by vehicle type
- HIGHWAY-RAIL INCIDENTS (BY…) AT PUBLIC AND PRIVATE CROSSINGS -- by state
- HIGHWAY-RAIL INCIDENTS (BY…) AT PUBLIC AND PRIVATE CROSSINGS -- by railroad
- HIGHWAY-RAIL CASUALTIES (BY…) AT PUBLIC AND PRIVATE CROSSINGS -- by state
- HIGHWAY-RAIL CASUALTIES – UP TO FIFTY RAILROADS SHOWN, IN DESCENDING ORDER BY TOTAL CASES

OUTPUT TABLE COLUMNS:

Total Accidents	Percent of All Accidents	Total Year Counts Year 1	Total Year Counts Year 2	Total Year Counts Year 3	Year Total Counts (start month to end month) Year 3	Year Total Counts (start month to end month) Year 4	Percent Change Over Time, Year 1 to Year 3	Percent Change Over Time, Year 2 to Year 3	Percent Change Over Time, Year 3 to Year 4

2.09 Train Accidents and Rates

Train Accidents and Rates displays statistics for reportable train accidents (damage over the set threshold). There are three tables on the output, with all columns labeled essentially the same. Column labels varying only by date range and whether "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY).

Accident counts reported are for the last three full years plus the fourth partial to full year, based on whether partial year data is used or not. Table classes are by

- ✓ Number of accidents by accident cause
- ✓ Number of accidents by state
- ✓ Number of accidents by track class (main, siding, etc.)

Tables displayed are:

- ACCIDENTS IN DESCENDING FREQUENCY -- by cause
- ACCIDENTS IN DESCENDING FREQUENCY ---by railroad
- ACCIDENTS IN DESCENDING FREQUENCY ---by state
- ACCIDENTS IN DESCENDING FREQUENCY --- by track class

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Accident, type of Track, Primary Cause of Accident, Track Class, Type of Report Requested, Start Month for Report, End Month for Report

OUTPUT TABLE COLUMNS:

Total Accidents	Percent of All Accidents	Total Year Counts Year 1	Total Year Counts Year 2	Total Year Counts Year 3	Year Total Counts (start month to end month) Year 3	Year Total Counts (start month to end month) Year 4	Percent Change Over Time, Year 1 to Year 3	Percent Change Over Time, Year 2 to Year 3	Percent Change Over Time, Year 3 to Year 4

3.08 Accident Map with Table

Accident Map with Table displays a map of counties within a state, with accident counts on the county level. There is also an accompanying table of counts, damage totals, count of derailments and other accidents, all by accident cause.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, State, Type of Track, Start Date, End Date

- MAP - Train Accidents for XX (State) By Data Range
- Accompanying Data TABLE

OUTPUT TABLE COLUMNS:

Accidents Total Count	Fatality (Kld) Total Count	Injury (Inj) Total Count	Reportable Damage ($$)	Count By Type of Accident (Collisions)	Count By Type of Accident (Derailments)	Count By Type of Accident (Other)	Count by Cause - Equipment	Count by Cause - Human factor	Count by Cause - Other Miscellaneous
Count by Cause -	Count by Cause -								

Signal	Track								

3.10 Accident Causes

The *Accident Causes* query displays statistics for reportable train accidents (damage over the set threshold), emphasizing accident cause. There are six tables on the output, with all columns labeled essentially the same - column labels varying only by date range and whether "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY). Accident counts are reported for the last three full years plus the fourth partial to full year, based on whether partial year data is used or not. Table classes are by the major cause categories – equipment, highway -rail (subcategory to miscellaneous), human factor, miscellaneous, signal, and track (see FRA Guide Appendix C).

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Accident, Type of Track, Cause of Accident, Start Date, End Date

OUTPUT TABLES:

- TRAIN ACCIDENTS BY CAUSE FROM FORM FRA F 6180.54 - MAJOR CAUSE = Equipment
- TRAIN ACCIDENTS BY CAUSE FROM FORM FRA F 6180.54 - MAJOR CAUSE = Highway - rail
- TRAIN ACCIDENTS BY CAUSE FROM FORM FRA F 6180.54 - MAJOR CAUSE = Human Factor
- TRAIN ACCIDENTS BY CAUSE FROM FORM FRA F 6180.54 - MAJOR CAUSE = Miscellaneous
- TRAIN ACCIDENTS BY CAUSE FROM FORM FRA F 6180.54 - MAJOR CAUSE = Signal
- TRAIN ACCIDENTS BY CAUSE FROM FORM FRA F 6180.54 - MAJOR CAUSE = Track

OUTPUT TABLE COLUMNS:

Total Count By cause	Percent By Cause	Accident count By Type	Accident count By Type	Accident count By Type	Reportable Damage Amount	Reportable Damage Percent	Casualty Count - Fatalities	Casualty Count Injuries	

		Accident - Collisions	Accident - Derailments	Accident - Other	($$)	(%)		(Nonfatal)	

3.11 Accident Detail Report

The Accident Rail Detail Report gives a text format report of the Form 54 – reportable accident. The text description report is embedded with statistics, and displayed date range is only one month at a time. Details of the location, injuries and fatalities, and the circumstances of the accident are displayed.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Accident, Type of Track, Cause of Accident, Hazmat Options, Passenger Train Only, Damages, Report Sort Order, Search Time Frame

FIELDS EMBEDDED INTO REPORT:

Type of Accident	Date of accident	Railroad	Incident report Number	Latitude	Longitude	Type of Equipment Involved	Time of accident	Locomotive Count	State
Track Maintenance Railroad (RR3)	Cars Count	County	Speed	Equipment Damage ($$)	Near / In City	Track Type	Track Damage	Milepost	FRA Railroad Class
Total Casualty Count	Fatality Count	Injury Count	Signalization	Cause(s)	Supplemental codes	Narrative	Report Count total	Accident Count total	Number Locomotives Involved total
Number Cars involved total	Fatality totals	Injury totals	Equipment damage total	Track damage total	Number of Cars carrying HAZMAT	Number of Hazmat Cars involved	Number of HAZMAT cars		

							releasing		

3.16 Summary of Train Accidents With Reportable Damage, Casualties, and Major Causes

The *Summary of Train Accidents with Reportable Damage, Casualties, and Major Causes* displays summary tables of statistics of Form 54 – reportable accidents. Reportable Damage, Casualties and Accident Cause are features emphasized on this report. There are three output tables, covering train accidents by accident type/cause, type of track and train speed, and by railroad. Reports are available by Calendar Year or Fiscal Year.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Accident, Start Date, End Date

OUTPUT TABLE COLUMNS:

TRAIN ACCIDENTS BY ACCIDENT TYPE SOURCE: FORM FRA F 6180.54

Total Count By Accident type	Reportable Damage by Accident type	Casualties - Fatalities by Accident type	Casualties - Injuries by Accident type	Cause Count by Accident Type - Equipment	Cause Count by Accident Type - Highway rail crossing	Cause Count by Accident Type - Human factor	Cause Count by Accident Type - Miscellaneous / Other	Cause Count by Accident Type - Signal	Cause Count by Accident Type - Track

TRAIN ACCIDENTS BY TYPE TRACK AND CONSIST SPEED SOURCE: FORM FRA F 6180.54

Main Track Speed, Range =	Main Track Speed, Range =	Main Track, Range = (XXXX), Type Accident =	Main Track, Range = (XXXX),	Main Track Speed, Range =	Main Track, Range = (XXXX), Type Accident =	Main Track, Range = (XXXX),	Main Track, Range = (XXXX),	Main Track, Range = (XXXX),	Main Track, Range = (XXXX),

(XXXX), Total Count	(XXXX), Total Percent	Collision	Type Accident = Derailment	(XXXX), Type Accident = Highway Rail Crossing	Other Miscellaneous	Reportable Damage	Casualties (Fatalities)	Casualties (Injuries)	Causes = Equipment
Main Track, Range = (XXXX), Causes = Highway Rail Crossing	Main Track, Range = (XXXX), Causes = Human factor	Main Track, Range = (XXXX), Causes = Other / Miscellaneous	Main Track, Range = (XXXX), Causes = Signal	Main Track, Range = (XXXX), Causes = Track					

Summary Table --- All Railroads - Originally on Old Query 3.12 (Accident Table By Railroad)

Yard Track Speed, Range = (XXXX), Total Count	Yard Track Speed, Range = (XXXX), Total Percent	Yard Track, Range = (XXXX), Type Accident = Collision	Yard Track, Range = (XXXX), Type Accident = Derailment	Yard Track Speed, Range = (XXXX), Type Accident = Highway Rail Crossing	Yard Track, Range = (XXXX), Type Accident = Other Miscellaneous	Yard Track, Range = (XXXX), Reportable Damage	Yard Track, Range = (XXXX), Casualties (Fatalities)	Yard Track, Range = (XXXX), Casualties (Injuries)	Yard Track, Range = (XXXX), Causes = Equipment

Yard Track, Range = (XXXX), Causes = Highway Rail Crossing	Yard Track, Range = (XXXX), Causes = Human factor	Yard Track, Range = (XXXX), Causes = Other / Miscellaneous	Yard Track, Range = (XXXX), Causes = Signal	Yard Track, Range = (XXXX), Causes = Track					

3.17 Type Of Territory Vs. Accident Type and Cause

The *Type of Territory Vs Accident Type and Cause* displays summary tables of statistics of Form 54 – reportable accidents. It covers detailed statistics of the type of track, whether there was safety signals present, and the method of operation (train dispatching technique) involved. Two tables are output: by cause of accident and by accident type. Reports are available by Calendar Year or Fiscal Year.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Track, Cause of Accident, Start Date, End Date

OUTPUT TABLE COLUMNS:

TYPE OF TERRITORY VS. ACCIDENT CAUSE by Type Track, Signalization, and Method of Operation

Count By Cause of Accident - Equipment	Count By Cause of Accident - Human factor	Count By Cause of Accident - Miscellaneous	Count By Cause of Accident - STC	Count By Cause of Accident - Track	Count By Cause of Accident - Track	Count By Cause of Accident - Total	Type Track - Industry	Type Track - Main	Type Track - Side
Type Track	Type	Signalization -	Signalization	Method	Method	Method	Method	Method	

- Yard	Track - Total	Non Signaled	- Signaled	Of Operation - Other than Main	Of Operation - Block Register	Of Operation - Direct Train Control	Of Operation - Yard Restricted	Of Operation - Signal Indication	

TYPE OF TERRITORY VS. ACCIDENT TYPE by Type Track, Signalization, and Method of Operation

Count By Cause of Accident - Equipment	Count By Cause of Accident - Human factor	Count By Cause of Accident - Miscellaneous	Count By Cause of Accident - STC	Count By Cause of Accident - Track	Count By Cause of Accident - Track	Count By Cause of Accident - Total	Type Track - Industry	Type Track - Main	Type Track - Side
Type Track - Yard	Type Track - Total	Signalization - Non Signaled	Signalization - Signaled	Method Of Operation - Other than Main	Method Of Operation - Block Register	Method Of Operation - Direct Train Control	Method Of Operation - Yard Restricted	Method Of Operation - Signal Indication	

3.18 Accident By State/Railroad

The *Accident by State/Railroad* report displays summary tables of statistics of Form 54 – reportable accidents. Cause Category is a major feature of this report. Reports are available by Calendar Year or Fiscal Year.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Accident, Type of Track, Track Class, Cause of Accident, Casualty Subset, Hazmat Options, Passenger Trains Only, Damages, Report Sort Order, Type of Report Requested, Start Month for Report, End Month for Report

Accident Number	Report Number	Killed/Injured (55A Report	Month	Day	State	County	Type Of Track	Track Maintenance	Type accident

	(Form 54 Link)	Link)						Railroad	
Primary Cause	Secondary Cause	Equipment Damage	Track Damage	Fatalities	Injuries	Rail Equipment Type	Speed	Number of Locomotives Derailed	Number of Cars Derailed

4.06 Casualty Detail Report

The *Casualty Detail Report* is a simple table of casualty data, sourced from Form 55A, including Employees on Duty. There is an active button (click on the incident number) to an HTML detail page giving all of the information on the original Form 55A in an easier to read version that translates all of the codes from the 55A.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Casualty Subset, Accident/Incident subsets, Start Date, End Date, Max Rows of Data

OUTPUT TABLE COLUMNS

Railroad	State	County	Date	Type (accident)	Jobcode	Incident Number (launches SAS code to display 55a in HTML format)			

4.07 Casualty Map With Table

Casualty Map with Table displays a map of counties within a state, with casualty counts on the county level. There is also an accompanying table of counts, damage totals, count of derailments and other accidents, all by accident cause.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Casualty Subset, Accident/Incident subsets, Start Date, End Date

XX =the chosen state, with counts reported by county

OUTPUT TABLE COLUMNS

County	Casualties - Fatal (count)	Casualties -NonFatal (count)	Total (count)						

4.08 Casualty Summary Table

Casualty Summary Tables displays two tables. The first displays fatality and injury counts by type of person (employee, trespasser, etc.) and the second displays casualty counts by type of accident, type of person and age of person.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Start Date, End Date

OUTPUT COLUMNS:

CASUALTIES BY TYPE PERSON AND PRIMARY EVENT FROM FORM FRA F 6180.55A

Type Person	Total Incidents - fatalities	Total Incidents - injuries	Total Casualties - fatalities	Total Casualties - injuries	Train Accidents w/o Highway Rail Crossing - fatalities	Train Accidents w/o Highway Rail Crossing - injuries	Highway Rail Crossing - fatalities	Highway Rail Crossing - injuries	Other events - fatalities

TYPE ACCIDENT, TYPE PERSON, AND AGE FROM FROM FRA F 6180.55A

Type Accident	Type Person	Age (count), Not Reported - fatalities	Age (count), Not Reported - injuries	Age (count), < 16 - fatalities	Age (count), < 16 - injuries	Age (count), 16 to 21 - fatalities	Age (count), 16 to 21 - injuries	Age (count), > 21 - fatalities	

4.09 Worker Safety Report

The Worker Safety Report deals with employee injury and fatality statistics. It displays 13 tables total:

- Six tables of Reportable Condition by job category
- Six tables of Events Causing by job category
- One summary table

The class of each table is by "Condition" describing the injury. Counts are by total, days absent, absent cases, and days restricted.

These 6 tables by reportable condition have basically the same columns:

WORKER SAFETY REPORT - REPORTABLE CONDITIONS Type of Job: Executives Officials and Staff Assistants -- By Condition

WORKER SAFETY REPORT - REPORTABLE CONDITIONS Type of Job: Professional and Administrative -- By Condition

WORKER SAFETY REPORT - REPORTABLE CONDITIONS Type of Job: Maintenance of Way and Structures -- By Condition

WORKER SAFETY REPORT - REPORTABLE CONDITIONS Type of Job: Maintenance of Equipment and Stores -- By Condition

WORKER SAFETY REPORT - REPORTABLE CONDITIONS Type of Job: Transportation, Other Than Train and Engine -- By Condition

WORKER SAFETY REPORT - REPORTABLE CONDITIONS Type of Job: Transportation, train and engine -- By Condition

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Casualty Subsets, Type of Worker, Start Date, End Date

OUTPUT COLUMNS

By Reportable Condition:

Condition	Total Count	Total Percent	Days Absent - Count	Days Absent - Percent	Days Absent - Average	Absent Cases Count	Absent Cases Percent	Days Restricted Count	Days Restricted Percent
Days restricted Average									

By Event Causing:

Condition	Total Count	Total Percent	Days Absent - Count	Days Absent - Percent	Days Absent - Average	Absent Cases Count	Absent Cases Percent	Days Restricted Count	Days Restricted Percent
Days restricted Average									

Summary Table:

Employee Type	Number Fatalities	Number Injured	Days Absent - Count	Days Restricted – count Count					

4.11 Suicide Casualties By State/Railroad

Suicide Casualties by State/Railroad gives counts of suicides. The earliest available data starts in June 2011. Each year is displayed in a separate table, with counts of fatalities and injuries by month.

SELECTION PARAMETERS: State, Railroad, Start Year, End Year

OUTPUT COLUMNS

Month	Fatalities (count)	Injuries (count)							

4.12 Casualties By State/Railroad

Casualties by State / Railroad is a detail level table of major casualty measures. There is an active link to the original 55A form reported.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Casualty Subsets, Location, Job Code Categories, Type of Person, Type of Report Requested, Start Month for Report, End Month for Report, Report Sort Order

OUTPUT COLUMNS:

Observation number	Month	Day	TA=Type Accident/Incident: 1 = Train Accident (form 54), 2 = Highway-rail (from 57), 3 = Other (form 55a)	Killed/Injured - Active LINK to 55A report	Type Person	Job (Jobcode)	Condition (Injury)	Event (Type)	State
County	Age	Days Absent	Days Restricted						

4.13 Trespasser Incidents by Age, Day of Week, Time of Day

This query consists of seven Trespasser – related tables.

Parameters: Reporting Level, Railroad, Sort By, State, County, Start Date, End Date, Report Name

- Trespasser Incidents of Fatalities and Injuries By Injury Type(condition) and Age Group

Injury Type	All Ages	Unknown Age	Age 0 -12	Age 13 - 19	Age 20-29	Age 30 -39	Age 40-59	Age 60 +

- Trespasser Fatalities By Railroad and Age Group

Railroad	Count	% (percentage of total)	Unknown Age	Age 0 -12	Age 13 - 19	Age 20-29	Age 30 -39	Age 40-59	Age 60 +

- Trespasser Injuries By Railroad and Age Group

Railroad	Count	% (percentage of total)	Unknown Age	Age 0 -12	Age 13 - 19	Age 20-29	Age 30 -39	Age 40-59	Age 60 +

- Trespasser Fatalities and Injuries By State and Age Group

Fatal Cases	State	Unknown Age	Age 0 -12	Age 13 - 19	Age 20-29	Age 30 - 39	Age 40-59	Age 60 +	Total Killed Cnt	Total Killed %
NonFatal Cases	State	Unknown Age	Age 0 -12	Age 13 - 19	Age 20-29	Age 30 - 39	Age 40-59	Age 60 +	Total Injured Cnt	Total Injured %

- Trespasser Fatalities and Injuries By Month and Day of Week

Condition Fatality	Month	Count (total)	%	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Condition Injury	Month	Count (total)	%	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

- Trespasser Fatalities and Injuries By Time and Day of Week

AM/PM	Time	Count (total)	%	Sunday Fatalities	Sunday Injuries	Monday Fatalities	Monday Injuries	Tuesday Fatalities	Tuesday Injuries
Wednesday Fatalities	Wednesday Injuries	Thursday Fatalities	Thursday Injuries	Friday Fatalities	Friday Injuries	Saturday Fatalities	Saturday Injuries	Sunday Fatalities	Sunday Injuries

- Trespasser Fatalities and Injuries By Event and Location of Event

Event	Location	Count (total)	%	Fatalities	Fatalities %	Injuries	Injuries %	Unknown Age
Age 0 -12	Age 13 - 19	Age 20-29	Age 30 - 39	Age 40-59	Age 60 +			

5.08 Frequency of Crossing Collisions

Frequency of Crossing Collisions describes the top 25 most dangerous crossings taken from the Form 57 Crossing Incident reports, in two different tables:

- Crossings with the most fatal incidents
- Crossings with the most incidents, fatal or nonfatal

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Start Date, End Date, Number of Crossings per Ranking List

OUTPUT COLUMNS:

CROSSINGS THAT HAVE HAD THE ***MOST FATAL INCIDENTS***, UP TO 25 CROSSINGS LISTED SORTED BY ***MOST FATAL INCIDENTS***, MOST FATALITES, MOST INJURY INCIDENTS, MOST INJURIES

Observation number	Grade Crossing ID	State	County / City	Total Incidents	Fatal Incidents	Total Fatalities (Deaths)	Injury Incidents	Total injuries	

CROSSINGS THAT HAVE HAD THE ***MOST INCIDENTS***, UP TO 25 CROSSINGS LISTED SORTED BY ***MOST FATAL INCIDENTS***, MOST FATALITES, MOST INJURY INCIDENTS, MOST INJURIES

Observation number	Grade Crossing ID	State	County / City	Total Incidents	Fatal Incidents	Total Fatalities (Deaths)	Injury Incidents	Total injuries	

5.09 Hwy/Rail Detail Report

The *Hwy/Rail Detail Report* gives a text description of the Form 57 –Crossing Incident The text description report is embedded with statistics, and displayed date range is only one month at a time. Details of the type of crossing, warning devices, injuries and fatalities, and the circumstances of the Highway – Rail accident are displayed.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Crossing, Accident Types, Start Date, End Date

OUTPUT, EMBEDDED WITHIN TEXT:

Number of reports	Number of accidents	Total Number of locomotives in all consists	Total Number of cars in all consists	Total Number of fatalities (deaths)	Total Number of Injuries	Accident Number XX of XX	Reporting Railroad Incident Number	Crossing ID number	Day
Month	Year	Type equipment	Reporting Railroad	Vehicle type	Time (Hour)	Time (minutes)	Time (AM/PM)	State	County
Highway	In/Near city	speed	Number locomotives in consist	Number of cars in consist	vehicle direction	vehicle speed	type track	type crossing	weather
Visibility	air temperature	number of fatalities	number of injuries	driver age	event	number of vehicle occupants	view obstructed flag	railroad transporting Hazmat flag	vehichle transporting Hazmat flag
Crossing Warning flag 1	Crossing Warning flag 2	Crossing Warning flag 3	Narrative						

5.10 Hwy/Rail Map with Table

Highway – Rail Map with Table displays a map of counties within a state, with highway – rail incidents counts on the county level. There is also a table of crossing incidents counts by county.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, State, Start Date, End Date

- Map
- Data Table

OUTPUT:

HIGHWAY-RAIL INCIDENTS FOR (state = XXXX)

County	Totals Count	Totals - fatalities	Totals - injuries	At Public Crossing, Motor Vehicle - total Count	At Public Crossing, Motor Vehicle - fatalities	At Public Crossing, Motor Vehicle - injuries	At Public Crossing, Other - total Count	At Public Crossing, Other - fatalities	At Public Crossing, Other - injuries
At Private Crossing, Motor Vehicle - total Count	At Private Crossing, Motor Vehicle - fatalities	At Private Crossing, Motor Vehicle - injuries	At Private Crossing, Other - total Count	At Private Crossing, Other - fatalities	At Private Crossing, Other - injuries	At Private Crossing, Motor Vehicle - total Count	At Private Crossing, Motor Vehicle - fatalities	At Private Crossing, Motor Vehicle - injuries	

5.14 Hwy Rail Accident Incident Summary By Railroad

Hwy Rail Accident Incident Summary by Railroad displays highway – rail incident count, fatality count, and injury count, as well as counts by public and private crossings. Three tables are output. Table class is by:

- type of highway user
- warning device
- railroad

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, State, County, Start Date, End Date

OUTPUT COLUMNS

HIGHWAY-RAIL INCIDENTS BY TYPE HIGHWAY USER -- FRA FORM 57

Type of highway user - train struck highway	Type of highway user - train struck ***BY*** highway user: TYPE OF	type vehicle	Totals Count	Totals - fatalities	Totals - injuries	At Public Crossing, Motor Vehicle - total Count	At Public Crossing, Motor Vehicle - fatalities	At Public Crossing, Motor Vehicle - injuries	At Public Crossing, Other -

user: TYPE OF USER	USER								total Count
At Public Crossing, Other - fatalities	At Public Crossing, Other - injuries	At Private Crossing, Motor Vehicle - total Count	At Private Crossing, Motor Vehicle - fatalities	At Private Crossing, Motor Vehicle - injuries	At Private Crossing, Other - total Count	At Private Crossing, Other - fatalities	At Private Crossing, Other - injuries		

HIGHWAY-RAIL INCIDENTS BY WARNING DEVICE -- FRA FORM 57

Type of highway user - train struck highway user: TYPE OF USER	Type of highway user - train struck ***BY*** highway user: TYPE OF USER	type vehicle	Totals Count	Totals - fatalities	Totals - injuries	At Public Crossing, Motor Vehicle - total Count	At Public Crossing, Motor Vehicle - fatalities	At Public Crossing, Motor Vehicle - injuries	At Public Crossing, Other - total Count
At Public Crossing, Other - fatalities	At Public Crossing, Other - injuries	At Private Crossing, Motor Vehicle - total Count	At Private Crossing, Motor Vehicle - fatalities	At Private Crossing, Motor Vehicle - injuries	At Private Crossing, Other - total Count	At Private Crossing, Other - fatalities	At Private Crossing, Other - injuries		

HIGHWAY-RAIL INCIDENTS BY RAILROAD -- FRA FORM 57

RAILROAD	Totals	Totals -	Totals -	At Public	At Public	At Public	At Public	At Public	At Public

	Count	fatalities	injuries	Crossing, Motor Vehicle - total Count	Crossing, Motor Vehicle - fatalities	Crossing, Motor Vehicle - injuries	Crossing, Other - total Count	Crossing, Other - fatalities	Crossing, Other - injuries
At Private Crossing, Motor Vehicle - total Count	At Private Crossing, Motor Vehicle - fatalities	At Private Crossing, Motor Vehicle - injuries	At Private Crossing, Other - total Count	At Private Crossing, Other - fatalities	At Private Crossing, Other - injuries				

5.15 Consolidated Hwy -Rail Accident Incident

The *Consolidated Hwy-Rail Accident Incident* report is a large detail level data table of highway – rail incidents. Major measures are given. Because for any highway-rail incident multiple reporting forms may be appropriate, there are active links to the original report for 54 (reportable accident), 55A (casualty) and/or 57 (highway-rail incident) form for each highway-rail incident. If there is no report for a particular form type, the message "No records found!" will display.

SELECTION PARAMETERS: Reporting Level, Railroad, Sort, Region, State, County, Type of Crossing, Accident Types, Report Type, Start Month, End Month

OUTPUT COLUMNS

HIGHWAY-RAIL INCIDENTS BY RAILROAD -- FRA FORM 57

Observation number	Railroad	Month / Day	54 Report Incident Number (active link to original report)	55A Casualty Report (active link to original report)	State	County	City	Grade Crossing ID (active link to original Grade Crossing form)	Type of Crossing

Crossing Highway Name	Type of rail equipment	Train consist length	Highway User type	Crossing Warning / Protection	Total Fatalities	Total Injuries			

8.05 Crossing Inventory By State

Crossing Inventory by State gives total count of all crossings for a given state, broken out by county. Data are also broken out by private crossing and public crossing. It also gives the percentage of crossings each county has by state. A summation is given at the bottom of the table.

SELECTION PARAMETERS: State

TOTAL AT-GRADE HIGHWAY-RAIL CROSSINGS FOR STATE = XXXX

County	Total Count	Total Percent	Private Vehicle Crossing Accident Count	Private Vehicle Crossing Accident Percent	Public Vehicle Crossing Accident Count	Public Vehicle Crossing Accident Percent	

8.08 Public Crossing Inventory Detail Report

Public Crossing Inventory Detail Report gives total count of PUBLIC (not private) crossings. Tables are displayed separately for each county, city and whether the crossing is IN or NEAR a city. The "Primary Operating Railroad" is also given. Data are displayed on detailed street level geography. It also gives the last date that the inventory was updated.

SELECTION PARAMETERS: State, County, Crossing Protection, Public At Grade Crossing

OUTPUT COLUMNS

Public Crossing Inventory Detail Report: State = , County = , City = IN

Crossing ID	Street / Road	Type Warning	Total Tracks	Daily Trains	Average Daily Vehicles	Reporting Railroad	Inventory Updated		

Public Crossing Inventory Detail Report: State = , County = , City = NEAR

Crossing ID	Street / Road	Type Warning	Total Tracks	Daily Trains	Average Daily Vehicles	Reporting Railroad	Inventory Updated		

8.10 Public Grade Crossing Inventory By State and County

Public Grade Crossing Inventory by State and County displays detailed counts of PUBLIC (not private) crossings at differing levels of geography. Three levels of geography are displayed using three different tables:

- In/Near City level
- County level
- Crossing level

SELECTION PARAMETERS: Reporting Level, Railroad, State, County, Public At Grade Crossing

OUTPUT COLUMNS

PUBLIC AT GRADE MOTOR VEHICLE CROSSINGS BY CITY AND PRINCIPAL WARNING DEVICE FOR ….. By City

City	Total	Principal Warning device - None	Principal Warning device - Other	Principal Warning device - Cross Bucks	Principal Warning device - Stop Signs	Principal Warning device - Special Warning	Principal Warning device - HWTS, WW, Bells	Principal Warning device - Flashing Lights	Principal Warning device - Gates
Principal Warning device - Quiet Zone									

PUBLIC AT GRADE MOTOR VEHICLE CROSSINGS BY CITY AND PRINCIPAL WARNING DEVICE FOR ….. By County

City	Total	Principal Warning device - None	Principal Warning device - Other	Principal Warning device - Cross Bucks	Principal Warning device - Stop Signs	Principal Warning device - Special Warning	Principal Warning device - HWTS, WW, Bells	Principal Warning device - Flashing Lights	Principal Warning device - Gates
Principal Warning device - Quiet Zone									

PUBLIC AT GRADE MOTOR VEHICLE CROSSINGS BY CITY AND PRINCIPAL WARNING DEVICE FOR ….. By Railroad

City	Total	Principal Warning device - None	Principal Warning device - Other	Principal Warning device - Cross Bucks	Principal Warning device - Stop Signs	Principal Warning device - Special Warning	Principal Warning device - HWTS, WW, Bells	Principal Warning device - Flashing Lights	Principal Warning device - Gates
Principal Warning device - Quiet Zone									

PUBLIC AT GRADE MOTOR VEHICLE CROSSINGS BY RAILROAD AND PRINCIPAL AND WARNING DEVICES

State	County	City	Street	Crossing Number (link to Crossing Inventory form)	Railroad	Principal Warning Device			

DETAIL TABLE OF RAIL CROSSING WARNING DEVICES ON GRADE CROSSING LEVEL BY ALL CROSSINGS

State	County	City	Street	Crossing Number (link to Crossing Inventory form)	Railroad	Four Quad Gates	Gates	Cross Bucks	Flashing lights

HTWS, WW, Bells	Stop Signs	None (no device)	Quiet Zone						

Other Notes:

- Individual Reporting Level – counts displayed are for the chosen railroad code only – no aggregation takes place.
- System reporting Level – Larger railroads (Class 1, Larger Class 2's mostly) are often made up of a few, or many, smaller railroads. This reporting aggregates all of the railroads in a "system" together.
- Consolidated Level – this is a special case reporting aggregation, allowed only for a few specific railroads who requested special consideration.