

# Contents of FRA [Safety Data](#) WebSite

## ***Query Titles, Input Parameters, Output Tables, and Output Table Columns***

Each table cell gives the ***data column header*** – i.e. data available. Search for specific terms by using Control F feature in Adobe PDF or MS Word.

### **1.02 Operational Data Tables** - Operational Data By Month

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

Total Train Miles	Employee Hours Worked	Yard Switching Miles	Number of Passengers Transported	Passenger Miles
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### **1.03 Overview Charts By Railroad**

PARAMETERS: Railroad, Start Month, End Month, Start Year, End Year, Charts

CHART - Total Deaths, All Accidents	CHART - Total Employee On Duty Deaths	CHART - Total Employee Hours Worked	CHART - Employee Casualty Cases	CHART - Total Train accidents	CHART - Total Train Miles	CHART - Train Accident Rate (# accidents per million train miles)	CHART - Collisions	CHART - Derailments	CHART - Equipment Caused Accidents
CHART - Human Factor Accidents	CHART - Track Caused Accidents	CHART - Track Accident Rate	CHART - Track Accident Main	CHART - Track Accident Yard	CHART - Accident Rate Yard Switching	CHART - Total Highway Rail Accidents	CHART - Highway Rail Accident Rate	CHART - Total Highway Rail Deaths - Rate	CHART - Total Highway Rail Injuries- Rate
CHART - Trespasser Deaths	CHART - Trespasser Injuries	CHART - Total Trespasser Deaths and Injuries rates							

## 1.04 Overview Charts By State

PARAMETERS: Railroad, Start Month, End Month, Start Year, End Year, Charts

CHART - Total Deaths, All Accidents	CHART - Total Employee On Duty Deaths	CHART - Total Employee Hours Worked	CHART - Employee Casualty Cases	CHART - Total Train accidents	CHART - Total Train Miles	CHART - Train Accident Rate (# accidents per million train miles)	CHART - Collisions	CHART - Derailments	CHART - Equipment Caused Accidents
CHART - Human Factor Accidents	CHART - Track Caused Accidents	CHART - Track Accident Rate	CHART - Track Accident Main	CHART - Track Accident Yard	CHART - Accident Rate Yard Switching	CHART - Total Highway Rail Accidents	CHART - Highway Rail Accident Rate	CHART - Total Highway Rail Deaths - Rate	CHART - Total Highway Rail Injuries- Rate
CHART - Trespasser Deaths	CHART - Trespasser Injuries	CHART - Total Trespasser Deaths and Injuries rates							

## 1.11 One Year Accident/Incident Overview – Combined

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

### ONE YEAR ACCIDENT/INCIDENT OVERVIEW BY REGION/STATE/COUNTY

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 Equipment -	Primary Cause Equipment -	Primary Cause Signal - percent	Primary Cause Signal - Count	Primary Cause Miscellaneous	Primary Cause Miscellaneous	Count Accidents	Percent Accidents	Rate Accidents	Rate Accidents

percent	Count			- percent	- count	Yard Track	Yard Track	per million yard train miles	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 injuries	Number passengers carried	Number of passenger miles	Number passenger deaths
Number passenger injuries	rate passenger cases per 100,000,000 miles								

## 1.12 Ten Year Accident / Incident Overview

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

### 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 miles	Train accident deaths	Train accident injuries	Human factor caused count	Track caused accident count	Motive power/equipment caused count	Signal caused count, all track types	Signal caused count, main line track	Miscellaneous caused
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			

1.12 - TEN YEAR ACCIDENT / INCIDENT OVERVIEW BY RAILROAD / REGION / STATE / COUNTY

Railroad	Total Accident / Incident Records Count	Percent of Total Accident / Incident	Form 57 (Grade Crossing Incidents) Count	Form 57 Percent of Accident / Incident Railroad Total	Form 55A (Casualties) Count	Form 55A Percent of Accident / Incident Railroad Total	System Railroad Code	Consolidated Railroad Code	
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### 1.13 - Freight/Passenger Operations Ten Year Overview

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

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) illnesses	Total Employee On Duty (EOD) cases	Cases with days absent from work	Trespasser deaths, not at Highway-Rail 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 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	FREIGHT (or PASSENGER ) HIGHWAY-RAIL INCIDENTS
RATE of Highway-rail incidents per mil Freight (or PASSENGER) train miles	Highway-rail incidents deaths	Highway-rail incidents injuries	Incidents at public crossings	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

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

NOTES: Multiple graphs, based on parameters chosen. Graphs many data values found in Query 1.12.

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 miles	Train accident deaths	Train accident injuries	Human factor caused count	Track caused accident count	Motive power/equipment caused count	Signal caused count, all track types	Signal caused count, main line track	Miscellaneous caused
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			



### 2.03 Train Accidents by Railroad Groups

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

Notes: 5 tables, all columns labeled the same, column labels vary slightly, where "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY).

- 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

Same Columns, all Tables

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
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### 2.04 Employee on Duty Casualties

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

Notes: 7 tables, all columns labeled the same, column labels vary slightly, where "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY).

- 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)

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
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### **2.05 Employee on Duty Casualties – Rates**

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

Notes: 2 tables, all columns labeled the same, column labels vary slightly, where “Year” = Calendar Year (CY) or “Year” = Fiscal Year (FY).

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

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
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### **2.07 Trespasser Casualties**

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

Notes: 5 tables, all columns labeled the same, column labels vary slightly, where “Year” = Calendar Year (CY) or “Year” = Fiscal Year (FY).

- 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

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
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## 2.08 Highway-Rail Crossings

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

Notes: 5 tables, all columns labeled the same, column labels vary slightly, where "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY).

- 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

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
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### 3.10 Accident Causes

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

Notes: 6 tables, all columns labeled the same, column labels vary slightly, where "Year" = Calendar Year (CY) or "Year" = Fiscal Year (FY).

- 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

Total Count By cause	Percent By Cause	Accident count By Type Accident - Collisions	Accident count By Type Accident - Derailments	Accident count By Type Accident - Other	Reportable Damage Amount (\$\$)	Reportable Damage Percent (%)	Casualty Count - Fatalities	Casualty Count Injuries (Nonfatal)	
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### 3.11 Accident Detail Report

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

Notes: Text description with embedded statistics, date range = 1 month at a time.

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	Fatality Count	Injury Count	Signalization	Cause(s)	Supplemental	Narrative	Report Count	Accident	Number

Count					codes		total	Count total	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**

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

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

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

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

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 - 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	

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

Count By Cause of	Count By Cause of	Count By Cause of	Count By Cause of	Count By Cause of	Count By Cause of	Count By Cause of	Type Track - Industry	Type Track - Main	Type Track - Side
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Accident - Equipment	Accident - Human factor	Accident - Miscellaneous	Accident - STC	Accident - Track	Accident - Track	Accident - Total			
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](#)

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 (Form 54 Link)	Killed/Injured ( 55A Report Link)	Month	Day	State	County	Type Of Track	Track Maintenance Railroad	Type accident
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](#)

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

Notes: This query contains an active link to another process that will show all detail on the 55A Casualty report

...FROM FORM FRA 6180.55a -- There were XXX records matching your selection....

Railroad	State	County	Date	Type (accident)	Jobcode	Incident Number (launches SAS code to display)			
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						55a in HTML format)			
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#### [4.07 Casualty Map With Table](#)

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

Notes: Map with accompanying table, county level geography

- Map
- Data Table

XX =the chosen state, By County

County	Casualties - Fatal (count)	Casualties - NonFatal (count)	Total (count)						
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#### [4.08 Casualty Summary Table](#)

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

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
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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	
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## 4.09 Worker Safety Report

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

Notes: Two basic types of report reported by Employee Type, plus a counts summary table

- Reportable Conditions
- Event Causing
- Summary Table

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

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									

These 6 tables by **Event/Occurrence** have basically the same columns



**4.11 Suicide Casualties By State/Railroad**

PARAMETERS: State, Railroad, Start Year, End Year

Notes: Counts only, earliest data starts mid-2011. Gives separate table for each year.

Suicide Casualties - Year = XXXX

Month	Fatalities (count)	Injuries (count)							
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**4.12 Casualties By State/Railroad**

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

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						

### 5.08 Frequency of Crossing Collisions

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

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	
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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	
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### 5.09 Hwy/Rail Detail Report

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

*Notes: Text Description with embedded data. Accidents with summary counts, one month at a time.*

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	view obstructed	railroad transporting	vehichle transporting

						occupants	flag	Hazmat flag	Hazmat flag
Crossing Warning flag 1	Crossing Warning flag 2	Crossing Warning flag 3	Narrative						

### 5.10 Hwy/Rail Map with Table

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

*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

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

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

Type of highway user - train struck highway user: TYPE OF USER	Type of highway user - train struck <b>BY</b> 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 WARNING DEVICE -- FRA FORM 57*

Type of highway user - train struck highway user: TYPE OF USER	Type of highway user - train struck <b>BY</b> 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 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				

### 5.15 Consolidated Hwy Rail Accident Incident

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

#### *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

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	
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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			
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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						