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

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

1.03 Overview Charts By Railroad

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

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

1.04 Overview Charts By State

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

						CHART - Train			
						Accident Rate			CHART -
CHART - Total	CHART - Total	CHART - Total	CHART -	CHART - Total		(# accidents			Equipment
Deaths, All	Employee On	Employee	Employee	Train	CHART - Total	per million	CHART -	CHART -	Caused
Accidents	Duty Deaths	Hours Worked	Casualty Cases	accidents	Train Miles	train miles)	Collisions	Derailments	Accidents
CHART -	CHART - Track				CHART -	CHART - Total	CHART -	CHART - Total	CHART - Total
Human Factor	Caused	CHART - Track	CHART - Track	CHART - Track	Accident Rate	Highway Rail	Highway Rail	Highway Rail	Highway Rail
Accidents	Accidents	Accident Rate	Accident Main	Accident Yard	Yard Switching	Accidents	Accident Rate	Deaths - Rate	Injuries- Rate
		CHART - Total							
CHART -	CHART -	Trespasser							
Trespasser	Trespasser	Deaths and							
Deaths	Injuries	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
							Primary	Primary	
							Cause	Cause	Primary
	Number fatalities						Human	Human	Cause
Rate fatal Train	per million train			Number		Other	Factor -	Factor -	Track -
accidents	miles	Number Collisions	Total Fatalities(?)	Derailments	Total Injuries	accidents	percent	Count	percent
Primary Cause	Primary Cause	Primary Cause	Primary Cause	Primary Cause	Primary Cause	Count	Percent	Rate	Rate
Equipment -	Equipment -	Signal - percent	Signal - Count	Miscellaneous	Miscellaneous	Accidents	Accidents	Accidents	Accidents

percent	Count			- percent	- count	Yard Track	Yard Track	per million vard trrain	per million miles -
								miles	other
				Percentage of					
				train	Number of				Grade
	Number of train	Percentage of	Number of train	accidents	persons	Number of	Number of	Number of	Crossing
Overall percentage	accidents	train accidents	accidents	resulting in	evacuated in	railcars	Highway	Highway	Incidents
of train accidents	involving	involving	resulting in	HAZMAT	HAZMAT	releasing	Rail	Rail	per million
per all incidents	passenger trains	passenger trains	HAZMAT release	release	release	HAZMAT	Crossings	Incidents	train miles
								Number	
						Number		Crossings	
Trespasser Incident				Total	Number of	Public	Other	with	Number
Frequency per	Total Grade	Total Trespasser	Total Grade	Trespasser	Public	Crossings	activated	Passive	Private
million train miles	Crossing Fatalities	Fatalities	Crossing Injuries	Incidents	Crossngs	with Gates	Crossings	Warnings	Crossings
Highway Rail and	Highway Rail and				Percent of				
Trespasser	Trespasser			Percent of	other				Total non-
Fatalties as	Incidents as		Number of	fatalities	incidents		Total	Total	fatal
percent of all	percent of all	Number Other	fatalities other	other	versus all	Total	fatalities	fatalities	conditions
fatalities	incidents	Incidents	incidents	incidents	incidents	fatalities	EOD	trespassers	- injuries
				% EOD		% EOD			
		Frequency EOD		fatalities		injuries	Number	Number of	Number
Total non-fatalities	Employee on Duty	per 200K hours	Total EOD	versus all	Total EOD	versus all	passengers	passenger	passenger
EOD	(EOD) cases	worked	fatalities	fatalities	injuries	injuries	carried	miles	deaths
	rate passenger								
Number passenger	cases per								
injuries	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/INCIDE NTS 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	Trespasse r injuries, not at HRC	Passengers kld in train accs or crossing incidents	Passengers inj in train accs or crossing incidents	Passenger s kld in other incidents	Passengers inj in other incidents	Passenger s transporte d	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/equipm ent caused count	Signal caused count, all track types	Signal caused count, main line track	Miscellaneou s caused
Collisions	Collisions on main line track	Derailment s	Other types, e.g., obstruction s	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

		Accidents with	Accidents with reportable damage over \$100K,		Accidents with reportabl e damage over \$500K,	Accidents with	Accidents with reportable damage over \$1M,	HIGHWAY	RATE of Highway-rail
		reportable	PERCENT of	Accidents with	PERCENT	reportable	PERCENT of	-RAIL	incidents per
Hazmat cars		damage	all train	reportable damage	of all train	damage over	all train	INCIDENT	mil train
damaged/derailed	Cars releasing	over \$100K	accidents	over \$500K	accidents	\$1M	accidents	S	miles
			PERCENT of						
			total		Other				
			Highway-	OTHER	incidents				
Highway-rail	Highway-rail	Incidents at	rail	ACCIDENTS/INCIDENTS	deaths	Other incidents			
incidents deaths	incidents injuries	public xings	incidents	counts	counts	injuries counts			

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

			Form 57	Form 57		Form 55A			
			(Grade	Percent of		Percent of			
	Total Accident	Percent of	Crossing	Accident /	Form 55A	Accident /			
	/ Incident	Total Accident	Incidents)	Incident	(Casualties)	Incident	System	Consolidated	
Railroad	Records Count	/ Incident	Count	Railroad Total	Count	Railroad Total	Railroad Code	Railroad Code	

<u>1.13 - Freight/Passenger Operations Ten Year Overview</u>

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/INCIDENT S	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/equipmen t 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	Derailment s	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/deraile d	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 reportabl e 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 xings	PERCENT of total Highway- rail incidents	OTHER FREIGHT (or PASSENGER) ACCIDENTS/INCIDENT S	Other incidents deaths	Other incidents injuries		

<u>1.14 Graphic Ten Year Accident/Incident Overview</u>

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.

		RATE of							
		Total							
		Accidents /					Nonfatal	Total	
Number of	TOTAL	Incidents			Employee	Nonfatal	Employee	employee	Employee
railroads included	ACCIDENTS/INCIDE	per million	Total	Total nonfatal	on duty	Employee On	On Duty	on duty	hours
in analysis	NTS 1/	train miles	fatalities	conditions - injuries	deaths	Duty injuries	illnesses	cases	worked
			Passengers						
		Trachassa	kld in train		Passenger		Decongor		
		Trespasse r injuries,	accs or	Passengers inj in train	s kld in	Passengers inj	Passenger s		Yard
Cases with days	Trespasser deaths,	not at	crossing	accs or crossing	other	in other	transporte	Total train	switching
absent from work	not at HRC	HRC	incidents	incidents	incidents	incidents	d	miles	miles
		-					-	Signal	
					Track	Motive	Signal	caused	
	RATE of Train	Train	Train		caused	power/equipm	caused	count,	
	Accidents per	accident	accident	Human factor caused	accident	ent caused	count, all	main line	Miscellaneou
TRAIN ACCIDENTS	million train miles	deaths	injuries	count	count	count	track types	track	s caused
					RATE of		RATE of		
					Train		yard		
			Other		accidents		accidents /		
			types, e.g.,		per		yard		
	Collisions on main	Derailment	obstruction	Train accidents on main	million	Accidents on	switching	HAZMAT	Cars carrying
Collisions	line track	s	s	line	train miles	yard track	miles	RELEASES	hazmat

			Accidents with reportable		Accidents with reportabl e damage		Accidents with reportable		
		Accidents	damage		over		damage		RATE of
		with	over \$100K,		\$500K,	Accidents with	over \$1M,	HIGHWAY	Highway-rail
		reportable	PERCENT of	Accidents with	PERCENT	reportable	PERCENT of	-RAIL	incidents per
Hazmat cars		damage	all train	reportable damage	of all train	damage over	all train	INCIDENT	mil train
damaged/derailed	Cars releasing	over \$100K	accidents	over \$500K	accidents	\$1M	accidents	S	miles
			PERCENT of						
			total		Other				
			Highway-	OTHER	incidents				
Highway-rail	Highway-rail	Incidents at	rail	ACCIDENTS/INCIDENTS	deaths	Other incidents			
incidents deaths	incidents injuries	public xings	incidents	counts	counts	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	Percent of All	Total Year	Total Year	Total Year	Year Total	Year Total	Percent	Percent	Percent
Accidents	Accidents	Counts Year 1	Counts Year 2	Counts Year 3	Counts (start	Counts (start	Change Over	Change Over	Change Over
					month to end	month to end	Time, Year 1	Time, Year 2	Time, Year 3
					month) Year 3	month) Year 4	to Year 3	to Year 3	to Year 4

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

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

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

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

2.09 Train Accidents and Rates

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

Notes: 4 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 cause
- ACCIDENTS IN DESCENDING FREQUENCY --- by railroad
- ACCIDENTS IN DESCENDING FREQUENCY --- by state
- ACCIDENTS IN DESCENDING FREQUENCY --- by track class

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

3.08 Accident Map with Table

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

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

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

		Accident count	Accident count	Accident count					
		Ву Туре	Ву Туре	Ву Туре	Reportable	Reportable		Casualty Count	
Total Count By	Percent By	Accident -	Accident -	Accident -	Damage	Damage	Casualty Count	Injuries	
cause	Cause	Collisions	Derailments	Other	Amount (\$\$)	Percent (%)	- Fatalities	(Nonfatal)	

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.

			Incident			Type of			
Type of	Date of		report			Equipment	Time of	Locomotive	
Accident	accident	Railroad	Number	Latitude	Longitude	Involved	accident	Count	State
Track									
Maintenance				Equipment					FRA Railroad
Railroad (RR3)	Cars Count	County	Speed	Damage (\$\$)	Near / In City	Track Type	Track Damage	Milepost	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 of	Number of	Number of		
Number Cars			Equipment	Track damage	Cars carrying	Hazmat Cars	HAZMAT cars		
involved total	Fatality totals	Injury totals	damage total	total	HAZMAT	involved	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

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

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

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

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					

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

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

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

| Count By | Type Track - | Type Track - | Type Track - |
|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|--------------|
| Cause of | Industry | Main | Side |

Accident -	Accident -	Accident -	Accident - STC	Accident -	Accident -	Accident -			
Equipment	Human factor	Miscellaneous		Track	Track	Total			
				Method Of		Method Of	Method Of	Method Of	
				Operation -	Method Of	Operation -	Operation -	Operation -	
Type Track -	Type Track -	Signalization -	Signalization -	Other than	Operation -	Direct Train	Yard	Signal	
Yard	Total	Non Signaled	Signaled	Main	Block Register	Control	Restricted	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

	Report	Killed/Injured (Track	
Accident	Number (Form	55A Report						Maintenance	
Number	54 Link)	Link)	Month	Day	State	County	Type Of Track	Railroad	Type accident
						Rail		Number of	
	Secondary	Equipment				Equipment		Locomotives	Number of
Primary Cause	Cause	Damage	Track Damage	Fatalities	Injuries	Туре	Speed	Derailed	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....

						Incident		
						Number		
				Туре		(launches SAS		
Railroad	State	County	Date	(accident)	Jobcode	code to display		

		55a in HTML		
		format)		

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

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

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

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

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

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

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

WORKER SAFETY REPORT - EVENTS CAUSING Type of Job: Executives , Officials, and Staff Assistants -- By Event/Occurrence

WORKER SAFETY REPORT - EVENTS CAUSING Type of Job: Professional and Administrative -- By Event/Occurrence

WORKER SAFETY REPORT - EVENTS CAUSING Type of Job: Maintenance of Way and Structures -- By Event/Occurrence

WORKER SAFETY REPORT - EVENTS CAUSING Type of Job: Maintenance of Equipment and Stores -- By Event/Occurrence

WORKER SAFETY REPORT - EVENTS CAUSING Type of Job: Other Than Train and Engine -- By Event/Occurrence

WORKER SAFETY REPORT - EVENTS CAUSING Type of Job: Transportation, Train and Engine -- By Event/Occurrence

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

REPORTABLE CONDITIONS TO EMPLOYEES ON DUTY FROM FORM FRA F 6180.55A (Summary)

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

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

	Fatalities	Injuries				
Month	(count)	(count)				

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

			TA=Type Accident/Incident: 1 = Train Accident (form 54), 2 = Highway-rail	Killed/Injured					
				· · · ·			A 11.1		
Observation			(from 57), 3 =	- Active LINK			Condition		
number	Month	Day	Other (form 55a)	to 55A report	Type Person	Job (Jobcode)	(Injury)	Event (Type)	State
Country	A	Dave Abcont	Days Postricted						
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	Grade					Total Fatalities	Injury		
number	Crossing ID	State	County / City	Total Incidents	Fatal Incidents	(Deaths)	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	Grade					Total Fatalities	Injury		
number	Crossing ID	State	County / City	Total Incidents	Fatal Incidents	(Deaths)	Incidents	Total injuries	

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.

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

					occupants	flag	Hazmat flag	Hazmat flag
Crossing	Crossing	Crossing						
Warning flag 1	Warning flag 2	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)

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

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

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

HIGHWAY-RAIL INCIDENTS BY RAILROAD -- FRA FORM 57

				At Public	At Public	At Public	At Public	At Public	
				Crossing,	Crossing,	Crossing,	Crossing,	Crossing,	At Public
		Totals -	Totals -	Motor Vehicle	Motor Vehicle	Motor Vehicle	Other - total	Other -	Crossing,
RAILROAD	Totals Count	fatalities	injuries	- total Count	- fatalities	- injuries	Count	fatalities	Other - injuries
At Private									
Crossing,	Crossing,	Crossing,	Crossing,	Crossing,	At Private				
Motor Vehicle	Motor Vehicle	Motor Vehicle	Other - total	Other -	Crossing,				
- total Count	- fatalities	- injuries	Count	fatalities	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				Crossing		county		0.000118101111	0.000118
Highway	Type of rail	Train consist	Highway User	Warning /					
Name	equipment	length	type	Protection	Total Fatalities	Total Injuries			

8.05 Crossing Inventory By State

PARAMETERS: State

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

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

8.08 Public Crossing Inventory Report

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

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

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

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

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

8.10 Public Crossing Inventory By State and County

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

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 Principal Warning device - Quiet Zone	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
--	-------	---------------------------------------	--	---	--	--	---	---	--

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					5				

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

				Crossing Number (link to Crossing Inventory		Principal Warning		
State	County	City	Street	form)	Railroad	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,		None (no							
Bells	Stop Signs	device)	Quiet Zone						