

**DEPARTMENT OF TRANSPORTATION**  
FEDERAL RAILROAD ADMINISTRATION (FRA)

**RAIL-EQUIPMENT ACCIDENT/INCIDENT**  
**COST ANALYSIS STUDY**

1. Railroad Code		2. Year		3. Month		4. Incident Number	
<b>EQUIPMENT *</b>							
Freight Cars *				Tank Cars *			
5. Cars Damaged Not Derailed	Quantity	Est. \$ Damage		17. Cars Damaged Not Derailed	Quantity	Est. \$ Damage	
6. Cars Derailed Upright				18. Cars Derailed Upright			
7. Cars Derailed Not Upright				19. Cars Derailed Not Upright			
8. Cars Destroyed Upright or Not Upright				20. Cars With an Outer Shell Crease, No Inner Shell Puncture, Upright			
Passenger Cars/MU *				21. Cars With a Puncture Allowing Product to Release			
9. Cars Damaged Not Derailed	Quantity	Est. \$ Damage		22. Cars Destroyed Upright or Not Upright			
10. Cars Derailed Upright				Locomotives *			
11. Cars Derailed Not Upright				23. Locomotives Damaged Not Derailed	Quantity	Est. \$ Damage	
12. Cars Destroyed Upright or Not Upright				24. Locomotives Derailed Upright			
Other On-Track Equipment *				25. Locomotives Derailed Not Upright			
13. Equipment Damaged Not Derailed	Quantity	Est. \$ Damage		26. Locomotives Destroyed Upright or Not Upright			
14. Equipment Derailed Upright				27. Total of Equipment Est. \$ Damage			
15. Equipment Derailed Not Upright							
16. Equipment Destroyed Upright or Not Upright							
<b>RAILROAD FIXED FACILITIES</b>							
Track				Signals			
28. Class 1, or Excepted (affected feet damaged)	Quantity in Feet	Est. \$ Damage		44. Wayside Signals Damaged	Quantity	Est. \$ Damage	
29. Class 2 - 9 Wood Ties				45. Wayside Signals Destroyed			
30. Class 2 - 9 Other Ties				46. Grade Crossing Damaged			
Switches/Turnouts				47. Grade Crossing Destroyed			
31. Manual Switches/Turnouts Damaged	Quantity	Est. \$ Damage		48. Signal Bungalow Damaged			
32. Manual Switches/Turnouts Destroyed				49. Signal Bungalow Destroyed			
33. Power Switches/Turnouts Damaged				Electric Traction Systems			
34. Power Switches/Turnouts Destroyed				50. Catenary Damaged	Quantity in Feet	Est. \$ Damage	
Facilities				51. Catenary Destroyed			
35. Railroad Buildings Damaged	Quantity	Est. \$ Damage		52. Electric Third Rail Damaged			
36. Railroad Buildings Destroyed				53. Electric Third Rail Destroyed			
37. Railroad Docks Damaged				54. Structures Damaged			
38. Railroad Docks Destroyed				55. Structures Destroyed			
39. Railroad Ramps Damaged				Other (specify)			
40. Railroad Ramps Destroyed				56. (Indicate Damaged/Destroyed)	Quantity	Est. \$ Damage	
41. Railroad Bumping Posts Damaged				57. (Indicate Damaged/Destroyed)			
42. Railroad Bumping Posts Destroyed				58. (Indicate Damaged/Destroyed)			
Bridge Structures (see definition)				59. (Indicate Damaged/Destroyed)			
43. Damaged or Destroyed	Quantity	Est. \$ Damage		60. Total of Railroad Fixed Facilities Est. \$ Damage			
61. Comments							