

Appendices



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Abbreviations, Acronyms, and Initialisms Used in Appendices

ADAS	advanced driver assistance system
AIGP	Accident and Incident Investigation Panel
DOT	Department of Transportation
FAA	Federal Aviation Administration
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
GMDSS	Global Maritime Distress and Safety System
ICAO	International Civil Aviation Organization
NASA	National Aeronautics and Space Administration
NASDPTS	National Association of State Directors of Pupil Transportation Services
NCSR	Navigation, Communications, and Search and Rescue
NTSB	National Transportation Safety Board
OEM	Original Equipment Manufacturers
PHMSA	Pipeline and Hazardous Materials Safety Administration
PIREP	pilot report
POV	personally owned vehicle
PVA	Passenger Vessel Association
TRB	Transportation Research Board
UMD	University of Maryland
<i>U.S.C.</i>	<i>United States Code</i>
VTS	Vessel Traffic Service

Appendix A. Advocacy and Outreach Events

OFFICE OF AVIATION SAFETY

The Office of Aviation Safety conducted or participated in 115 events in 2021. The most significant of these are highlighted below.

Testimony Before Congress

- J. Sedor. "Potential Engine Incidents." NTSB Briefing of House Transportation and Infrastructure Committee staff, virtual, March 2021.
- D. Lawrence. "Air Tour Safety." Briefing of United States Senate staff, virtual, April 2021.
- J. Sedor. "NPRM: Commercial Space Investigations." NTSB Briefing of House Transportation and Infrastructure Majority and Minority Committee, virtual, November 2021.
- J. Sedor and T. LeBaron. "NPRM: Commercial Space Investigations." NTSB Briefing of House Science Minority Committee staff, virtual, December 2021.
- J. Sedor. "NPRM Commercial Space Investigations." NTSB Briefing of Commercial Space Federation, virtual, December 2021.

Presentations and Briefings

- A. Huray. "NTSB Investigation of Sriwijaya Air, Flight SJ182, Java Sea, Indonesia." Presentation at InfoShare, Pittsburgh, PA, November 2021.
- D. Schulze. "Part One: 'An Airplane Is Down . . .': Emergency Response in the Pandemic Era." Presentation at the Airline Symposium, virtual, February 2021.
- P. Suffern and B. Soper. "PIREP Solicitation and Dissemination Issues and Examples." Presentation at the FAA Top 5 Summit, virtual, April 2021.
- S. Williams. "Zaleski, Ohio, EMS Helicopter Accident." Presentation at the Helicopter Association International Convention, virtual, May 2021.
- T. LeBaron. "The State of Aviation Safety." Presentation at 2021 General Aviation Air Safety Investigators Workshop, Wichita, KS, September 2021.
- B. Koschig. "Runway Incidents/Incursions and Implementing Enhanced Technologies." Presentation at Massport Runway Safety Summit, virtual, November 2021.

Participation on Panels

- S. Silva. "The Critical Link Between Human Factors and Safety—An NTSB Perspective." Participation on panel at Transportation Research Board Annual Meeting, virtual, January 2021.
- D. Eick. "Future of Convective Weather Products." FAA Weather Information Modernization and Transition Team meeting, virtual, February 2021.
- J. Sedor. "Commercial Astronaut Mishap: NTSB, USAF, AST, SPACEX." Participation on panel, virtual, July 2021.
- J. Sedor. Participation on NASA ARMD Airspace Operations and Safety Program Annual Independent Review panel, virtual, October 2021.

Instruction or Instructional Presentations

- J. Sedor. "Accident Investigation Orientation for Aviation Professionals." [AS-301] NTSB Training Center, virtual, March 2021.
- M. Gallo. "Basic Accident Investigation Course." NTSB Training Center, virtual, March 2021.
- L. Ward. "Basic Accident Investigation Course (Board Meetings and Public Hearings)." NTSB Training Center, virtual, March 2021.
- J. Rodi. "NTSB Accident Case Studies: Maintenance and Design." FAA FFAST Team, virtual, July 2021.
- D. Eick. "Basic Accident Investigation Course." NTSB Training Center, virtual, September 2021.
- J. Sedor. "Accident Investigation Orientation for Aviation Professionals." [AS-301] NTSB Training Center, virtual, October 2021.

Participation in/Attendance at Meetings and Conferences

- J. Sedor. Participation in FAA Accident Investigation and Prevention coordination meetings, virtual, monthly throughout 2021.

- J. Sedor, L. Ward. Participation in Commercial Space Quad Agency Working Group meetings, virtual, quarterly throughout 2021.
- J. Sedor. Participation in FAA Office of Commercial Space coordination meetings, virtual, quarterly throughout 2021.
- J. Sedor. Participation in Airlines for America Flight Safety Committee meetings, virtual and Washington, DC, quarterly throughout 2021.
- J. Sedor. Participation in spring USAF Space Safety Council meetings, virtual, March 2021.
- L. Ward. Attendance at Space Ops Conference, virtual, March 2021.
- C. Gagne. Attendance at the Interagency Committee for Aviation Policy Unmanned Aircraft Systems Subcommittee meeting, virtual, April 2021.
- V. McKenny. Attendance at US Helicopter Safety Team meeting, virtual, April 2021.
- V. McKenny. Attendance at Vertical Aviation Safety Team meeting, virtual, April 2021.
- NTSB AS staff members—Joe Sedor, Lorenda Ward, Shawn Etcher, Dave Lawrence, and Warren Abrams. Attendance at the International Society of Air Safety Investigators Annual Conference, virtual, August/September 2021.
- J. Sedor. Attendance at fall USAF Space Safety Council meetings, virtual, September 2021.

Media Presentations

- F. Hilldrup and S. Bryson. "TWA 800." Media briefings, NTSB Training Center, July 2021.
- L. Ward. "Water Recovery Operation for Transair Investigation, Honolulu, Hawaii." Media briefing, Honolulu, HI, October 2021.
- S. Silva and NTSB Chair J. Homendy. "Runway Overrun During Landing, PenAir flight 3296 Saab 2000, N686PA." NTSB Post Board Meeting Media Briefing, virtual, November 2021.

OFFICE OF HIGHWAY SAFETY

The Office of Highway Safety conducted a total number of 39 of advocacy and outreach events during 2021. Highlights are listed below.

Testimony Before Congress

M. Fox. "NTSB Investigations." Joint House and Senate Motorcycle Caucus, virtual, May 2021.

Presentations and Briefings

D. Collins. "The Critical Link between Human Factors and Safety: An NTSB Perspective. Las Vegas Autonomous Vehicle Incident." Presentation at the Transportation Research Board ANC30 panel, virtual, January 2021.

M. Fox. "Update on NTSB Investigations." Presentation to the American Bus Association and the Bus Industry Safety Council meeting, virtual, January 2021.

R. Smith. "Current Research on Impairment in Transportation." Presentation at the Transportation Research Board Annual Conference, TRB Poster Session, virtual, January 2021.

T. Barth. "Safety Risks to Emergency Responders from Lithium-ion Battery Fires in Electric Vehicles." Presentation at the SAE Hybrid and Electric Vehicle First and Second Responder Committee meeting, virtual, February 2021.

T. Barth. "Safety Risks to Emergency Responders from Lithium-ion Battery Fires in Electric Vehicles." Presentation at the ISO 17840 Working Group meeting, virtual, February 2021.

T. Barth. "Safety Risks to Emergency Responders from Lithium-ion Battery Fires in Electric Vehicles." Presentation at the Global EV Battery Fires Safety Summit, virtual, February 2021.

D. Walsh, S. Prouty, and R. Accetta. "Miami Pedestrian Bridge Collapse." Presentation at the Structural Engineering Conference—University of Kansas, virtual, March 2021.

M. Fox. "Keeping a New Generation of Motorcyclists Safe." Presentation at the 2021 Lifesavers Conference, virtual, April 2021.

K. Bragg. "NTSB Update." Presented at International Association of Chiefs of Police Highway Safety Committee summer meeting, virtual, July 2021.

S. Currie. "NTSB Investigations—What to Expect." Presentation at the Transport Topics annual meeting, virtual, September 2021.

R. Molloy. "Anatomy of a Crash—Keynote Address." Presentation at the Fleet Safety Conference, virtual, September 2021.

D. Walsh, S. Prouty, and R. Accetta. "Miami Pedestrian Bridge Collapse." Presentation at the Arizona Engineering Conference, virtual, October 2021.

L. Garay-Vega. "Communicating Technical Knowledge to Influence Change." Presentation to Safety Research Using Simulation (SAFER-SIM) Symposium on Emerging Themes in Transportation Safety, Sponsored by The University of Iowa, University of Wisconsin-Madison, University of Massachusetts-Amherst, University of Central Florida, and University of Puerto Rico-Mayaguez, virtual, October 2021.

K. Poland and B. Allen. "What to Expect during an NTSB Investigation." Presented to the Alliance for Automotive Innovation, virtual, November 2021.

T. Barth. "Status of NTSB Recommendations on Responder Safety in EV Battery Fires." Presented at the 21st Annual Advanced Automotive Battery Conference, virtual, December 2021.

D. Collins and E. Gregson. "NTSB Schoharie, New York, and Coral Gables, Florida, Investigations." Presentation at the 2021 Annual International Association of Transportation Regulators meeting, virtual, December 2021.

Instructional Presentation

D. Pereira. "Uber ATG crash investigation in Tempe, AZ." Podcast with Science and Technology Studies, University College, London, UK, virtual, August 2021.

OFFICE OF MARINE SAFETY

The Office of Marine Safety conducted a total number of 10 of advocacy and outreach events. Highlights are listed below.

M. Turrell. "Overview of NTSB Most Wanted List—Marine." Presentation at the American Institute of Marine Underwriters 2021 Marine Insurance Day Seminar, virtual, October 2021.

Participation in/Attendance at Meetings and Conferences

M. Turrell. Participation on the IMO Sub Committee on Implementation of IMO Instruments (III), virtual, July 2021.

M. Turrell. Participation in the MAIIF General 1 meeting, virtual, May 2021.

M. Turrell. Participation in the Americas MAIIF meeting, virtual, August 2021.

OFFICE OF RAILROAD, PIPELINE, AND HAZARDOUS MATERIALS INVESTIGATIONS

The Office of Railroad, Pipeline, and Hazardous Materials Investigations conducted a total number of 17 of advocacy and outreach events, as listed below.

- J. Gordon, Z. Zagata, R. Frigo, S. Jenner, T. Lloyd, R. Payan, R. Gunaratnum, J. Rhine, and M. Hiller. "Rail Accident Investigation Orientation Course." NTSB Training Center, virtual, November 2021.
- A. Garcia. "Investigating Human Fatigue Factors." NTSB Training Center, virtual, November 2021.

Presentations and Briefings

- A. Colletti. "NTSB Pipeline Investigations." Presentation to American Gas Association's Transmission Integrity Management Committee, virtual, January 2021.
- A. Garcia. "The Critical Link between Human Factors and Safety: An NTSB Perspective for Rail and Pipeline Transportation." Presentation at the Transportation Research Board Annual Meeting, virtual, January 2021.
- R. Gordon, Z. Zagata, Rhine, and R. Payan. "NTSB Investigation of Granite Canyon Railroad Accident." Presentation at American Short Line and Railroad Association meeting, virtual, February 2021.

- P. Stancil. "NTSB Hazardous Materials Investigations in Railroads." Presentation to Association of American Railroads, Tank Car Committee, virtual, quarterly meetings, 2021.
- S. Lyons. "Safety Lessons Learned from NTSB Pipeline Investigations." Presentation at New England Pipeline Safety Representatives Pipeline Safety Seminar, virtual, April 2021.
- S. Lyons. "Pipeline System Management Systems." Presentation at American Gas Association Webinar, virtual, May 2021.
- J. Gordon. "NTSB Party System and On-Scene Organization." Presentation at City of Covina California Meeting, virtual, July 2021.
- A. Colletti. "Open NTSB Pipeline Investigations." Presentation at Western Regional Gas Conference, virtual, August 2021.
- A. Garcia. "The Importance of Safety Equity in Transportation System Safety." Presentation at the International System Safety Society's Annual Conference, virtual, August 2021.
- S. Lynum. "Open NTSB Pipeline Investigations." Presentation to National Association of Pipeline Safety Representatives, virtual, August 2021.

- Member Graham, R. Gunaratnam. "Residential Gas Detection." Presentation to National Association of Pipeline Safety Representatives, video, August 2021.
- P. Stancil. "NTSB Investigation of BNSF Train Derailment in Custer, Washington." Presentation to Transportation Research Board, Committee on the Transportation of Hazardous Materials, virtual, September 2021.
- R. Hall, T. DePaepe, J. Gordon. "Improve Rail Safety." Behind-The-Scenes@NTSB podcast, virtual, September 2021.
- S. Lyons. "Residential Pipeline Leak Detection." Public service announcement video. American Gas Association Operations Conference and Biennial Exhibition, Kissimmee, FL, October 2021.
- A. Garcia. "Human Factors from an Accident Investigation Perspective: NTSB Rail and Pipeline." Presentation to the Department of Transportation's Human Factors Coordinating Committee, virtual, December 2021.

OFFICE OF RESEARCH AND ENGINEERING

The Office of Research and Engineering conducted or participated in 51 events in 2021. The most significant of these are highlighted below.

Presentations and Briefings

- J. Price. "The Critical Link between Human Factors and Safety: An NTSB Perspective," (moderator) and "NTSB: Introduction and Investigative Process," kickoff presentation. Transportation Research Board annual meeting, virtual, January 2021.
- E. Mueller. "A Review of Recent NTSB Investigations of Landing Gear Accidents." ASM International AeroMAT 2021, virtual, May 2021.
- J. O'Callaghan. "The Role of Flight Simulation in NTSB Accident Investigations." Presentation at International Society of Air Safety Investigators Conference, virtual, August 2021.
- R. Smith. "Drugs, Alcohol, and Impaired Driving." Presentation at International Association of Chiefs of Police Conference, virtual, August 2021.

- C. Babcock. "Handling Flight Recorders After an Accident." Presentation at ICAO Southeast Asia training webinar, virtual, October 2021.

Instructional Presentation

- M. Portman. "The NTSB Vehicle Recorders Lab and the Use of Recorded Data in Human Performance Investigations." Guest lecture for Introduction to Cognitive Engineering class, Department of Integrated Systems Engineering, College of Engineering, The Ohio State University, virtual, April 2021.

Participation on Panels

- B. Rawlinson. "Dreams2Careers." Participation on Organization for Black Aviation Professionals panel, virtual, February 2021.

Participation in/Attendance at Meetings and Conferences

- R. Smith. Participation on Lifesavers Conference Planning Committee—committee lead; five committee meetings, virtual, January through July 2021.
- N. Doble. Participation in Occurrence Validation Study Group annual meeting, ICAO, virtual, February 2021.
- R.G. Smith, C. Babcock. Participation in EUROCAE WG-118 update to technical standards for flight recorders working group, virtual, weekly meetings throughout 2021.
- T. Burtch, D. Horak, S. Lack, M. Moler, J. O'Callaghan, A. Park, K. Renze, and C. Schultheisz. Participation in Aviation Investigators Performance meeting with other representatives of the United States, France, Canada, Great Britain, Australia, and Russia, virtual, May 2021.

Appendix B: 2021 Accidents Not Investigated

Aviation: None to Report

Highway: None to Report

Marine: None to Report

The following two sections—Pipeline and Railroad—enumerate those accidents that the NTSB, under Title 49 U.S.C., is required to investigate but that the agency was unable to investigate because of the reason specified. Section 106 of the National Transportation Safety Board Reauthorization Act of 2022, submitted to the Congress by the Board on March 1, 2022, would direct the Board, within 12 months of the date of enactment of the Act, to issue a final rule defining the term “substantial property damage,” as that term is used in 49 U.S.C. 1131(a)(1)(C) and (D). Such a rulemaking would ensure greater clarity regarding the threshold for pipeline and railroad accident property damage sufficient to precipitate a Board investigation.

Pipeline

The data provided below were received from PHMSA. Criteria used here are for reporting information only and do not represent NTSB launch criteria for investigating an accident. Staff has reviewed and included all the available information needed to comply with 49 U.S.C. 1116(c)(5).

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	4	North Charleston, South Carolina	Distribution line released 367 million cubic feet of natural gas into the atmosphere.	Limited resources
2	2	Lebanon, Pennsylvania	Jurisdictional incident; PA PUC Safety Division will continue to investigate.	Limited resources
2	3	Springfield, Virginia	Gas from third-party damage ignited.	Limited resources
2	6	Covington, Louisiana	Potential release of 4,500 gallons of ammonium sulfide from cargo tanker, which rolled after striking a ditch.	Limited resources
2	7	Borger, Texas	Phillips 66 drill rig struck a transfer line at its refinery, resulting in a 2,000-barrel release of crude oil.	Limited resources
2	8	Tacoma, Washington	Towing barge reported leaking heavy fuel oil with pollution potential of 40,000 barrels.	Limited resources
2	9	Brush, Colorado	Tanker truck released 7,200 gallons of diesel fuel on a bridge; fuel ignited.	Limited resources
2	10	Forrest City, Arkansas	Semi-truck transporting calcium hypochlorite and trichloroisocyanuric acid ran into ditch.	Limited resources
2	13	Coal Grove, Ohio	Tanker truck rolled over after hitting black ice and released 3,000 gallons of crude oil.	Limited resources
2	23	Cameron, Texas	BNSF freight train derailed, with tank cars carrying gasoline on their side and burning.	Limited resources
2	26	Jasper, Missouri	Operator was conducting pigging activity on a 2-mile stretch of a 10-inch-diameter pipe when the tool got stuck and the pipe ruptured.	Limited resources
2	28	Phoenix, Arizona	Unknown amount of natural gas was released; a fire from a pipeline that runs under a bridge ignited.	Limited resources
3	1	Tucker, Georgia	Apartment natural gas line was damaged; an unknown amount of natural gas was released.	Limited resources

Appendix B: 2021 Pipeline Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
3	5	Spring, Texas	Excavation crew struck a distribution line, releasing natural gas and sparking a fire.	Limited resources
3	17	Hinsdale, Montana	Montana-Dakota Utilities discovered an unknown amount of natural gas had been released from a 2-inch distribution line.	Limited resources
3	18	Eaton, Colorado	Semi-truck struck a natural gas line, resulting the release of natural gas and a fire.	Limited resources
3	18	Kern County, California	Underground pipeline released 1,330 barrels of crude oil in a rural oil field.	Limited resources
3	22	Henrietta, Texas	Fifty barrels of oil was reported released; mainline pump motor caused fire.	Limited resources
3	30	Lesterville, Missouri	Tractor-trailer overturned, releasing 15 tons of lead concentrate.	Limited resources
3	31	Fayetteville, North Carolina	Tractor-trailer carrying 2-3 containers of uranium hexafluoride crashed, causing closure of I-95.	Limited resources
4	3	Sulfur Springs, Indiana	Trailer carrying tank separated, releasing 600 gallons of anhydrous ammonia.	Limited resources
4	9	Highland Park, Michigan	Vehicle stuck a meter bank at an apartment complex, resulting in a fire and explosion.	Limited resources
4	11	North Hollywood, California	Two residents injured by an explosion at a private residence near a gas meter.	Limited resources
4	13	McCune, Kansas	Tractor-trailer ran off the road, releasing an unknown amount of hypochloric solution and hydrochloric acid into a creek.	Limited resources
5	5	Batesville, Arkansas	Rail car released an unknown amount of oleum at a chemical facility during unloading.	Limited resources
5	14	Pikesville, Maryland	Gas ignited during welding for a leak repair on a steel main.	Limited resources
5	15	Albert, Minnesota	Bridge was destroyed and hydrochloric acid released when 15 rail cars derailed.	Limited resources
5	16	Sibley, Iowa	Freight train derailed multiple hazmat cars, releasing hazardous materials; fire ensued.	Limited resources
5	25	Berwyn, Illinois	Unknown amount of natural gas was released from underground distribution pipeline due to third-party damage.	Limited resources
5	28	Dover, Oklahoma	Gathering pipeline released 500 barrels of crude oil.	Limited resources
6	2	East St. Louis, Illinois	Tank car released an unknown amount of material suspected to be sulfuric acid.	Limited resources
6	28	Newbery Twp, Pennsylvania	Rail car of crude oil and residue car of benzene entered a river; not leaking at time of report.	Limited resources
7	8	Lehigh County, Pennsylvania	FedEx freight truck with two trailers found leaking an unknown substance.	Limited resources
7	10	Taylor, Michigan	Natural gas was released, leading to explosion at a private residence during service renewal.	Limited resources
7	10	Harvest, Alabama	Contractor damaged a gas line while installing drains in a pool, causing a release of natural gas.	Limited resources
7	10	Boulder City, Nevada	Fuel dock exploded, causing an unknown amount of gasoline to be released into Lake Meade.	Limited resources
7	26	Tyrone, Pennsylvania	Unknown amount of natural gas was released from a pipeline at a residence, causing an explosion.	Limited resources
7	30	New Liberia, Louisiana	Contractor damaged a 1-inch gas line; gas entered a sewer.	Limited resources
8	3	Cleveland, Ohio	Explosion occurred at a private residence; an unknown amount of natural gas was released.	Limited resources
8	4	Houston, Texas	Unknown amount of natural gas was released due to third-party damage to an 8-inch steel pipeline.	Limited resources
8	6	Stephens, Oklahoma	Flow line discharged 800 barrels of crude oil and 250 barrels of produced water onto ground and into a creek.	Limited resources
8	17	Nederland, Texas	Isolation plug in tank line blew during welding operations; vapor ignited, injuring a worker.	Limited resources
8	19	Fountaintown, Indiana	Twelve rail cars derailed; fire department and hazmat team were deployed.	Limited resources
8	19	Davenport, Iowa	Two rail cars containing alcohol anhydrous derailed.	Limited resources
8	19	Hunt County, Texas	Nine hundred barrels of diesel fuel was released onto the ground.	Limited resources
8	26	Chandler, Arizona	Fire and explosion occurred, with potential natural gas release from above-ground distribution line.	Limited resources

Appendix B: 2021 Pipeline Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
8	28	New Hampton, Iowa	Twelve to 16 railcars derailed, discharging unknown amount of diesel fuel and, potentially, anhydrous ammonia.	Limited resources
9	2	Maynard, Massachusetts	Natural gas release and explosion occurred at private residence.	Limited resources
9	23	Hampton, Arkansas	Backhoe struck a 10-inch underground transmission pipeline, releasing an estimated 1,000 lbs. of ammonia.	Limited resources
10	25	Totowa, New Jersey	FedEx discovered a potentially leaking package of Zirconium 89 marked Yellow-III.	Limited resources
10	25	Waseca, Minnesota	Unknown amount of anhydrous ammonia was released from a nurse tank.	Limited resources
10	27	Fairmont, Minnesota	Derailment of 4 tank cars, discharging ethanol.	Limited resources
10	29	Garfield, Utah	Failure of pipeline, releasing 300 barrels of crude oil.	Limited resources
10	29	Reeves County, Texas	Release of natural gas from unknown pipeline.	Limited resources
11	23	Fairbanks, Alaska	Release of an estimated 100,000 standard cubic feet of natural gas from distribution line.	Limited resources
11	28	South Timbalier Area, Louisiana	Release of an unknown amount of crude oil from damaged pipelines.	Limited resources
11	29	Rapid City, South Dakota	Damage to pipeline by excavator, leading to the release and explosion of natural gas.	Limited resources
12	1	Chatham, Illinois	Purging of pipeline, leading to a release of natural gas, which ignited.	Limited resources
12	1	Frisco, Texas	Release of an unknown amount of natural gas from a transmission line.	Limited resources
12	3	Allen, Texas	Release of natural gas and fire caused by vehicle striking a gas meter.	Limited resources
12	4	Artesia, New Mexico	Release of 1,800 barrels of isobutane into a river.	Limited resources
12	6	Mahwah, New Jersey	Release of an unknown amount of ZR89 radioactive material due to unknown cause.	Limited resources
12	21	Jefferson County, Texas	Release of 2,603 lbs. of mixture of ethylene and propylene into the air over an 18-hour period.	Limited resources
12	21	Bovina, Mississippi	Derailment of 17 rail cars due to unknown reasons, with the potential release of sodium hydroxide.	Limited resources
12	24	Freemont, California	Release of 188 barrels of unleaded gasoline from tanker truck accident.	Limited resources

Railroad

This section enumerates those accidents that the NTSB, under Title 49 U.S.C., is required to investigate but that the agency was unable to investigate because of the reason specified. Section 106 of the National Transportation Safety Board Reauthorization Act of 2022, submitted to the Congress by the Board on March 1, 2022, would amend the current NTSB rail investigative authority to provide that accidents at railroad grade crossings, or which involve rail trespassers, are not accidents for which Board investigation is mandatory. Rather, the Board would retain the flexible jurisdiction to investigate those grade crossing or trespasser accidents in which it determines a significant safety benefit to the public may accrue.

Authority for the investigation of railroad grade crossing accidents is already set forth in 49 U.S.C. 1131(a)(1)(B), and indeed, the Board traditionally treats such accidents as highway investigations, with the active involvement of railroad investigators. Creating the same investigative discretion for the Board's rail division to select grade crossing accidents as already exists for its highway division would harmonize the investigative jurisdictions of both.

Trespassing on railroad property is the leading cause of rail-related fatalities, accounting for 62 percent of US rail-related deaths in fiscal year 2018. However, the NTSB is unable to investigate every trespasser fatality and, in fact, investigates such accidents rarely because of limited resources and limited safety benefits. Excluding these accidents from the requirement under 49 U.S.C. 1131(a)(1)(C) would better focus the NTSB's mandate and resources on investigating rail accidents for which there are significant safety benefits.

The NTSB investigated 14 railroad accidents in 2021. An additional 1,873 accidents that met the requirements of Title 49 U.S.C. 1131 were identified but not investigated; of these, 728 were identified as having a limited safety benefit and 1,145 were not investigated because of limited investigative resources. An accident with a limited safety benefit is an occurrence for which NTSB investigators were able to determine quickly that no safety recommendations were likely to be issued or reiterated. Those accidents that were not investigated because of limited NTSB resources share some similarities with those of limited safety benefits; although the causes of these accidents may not have been immediately identifiable, the low level of severity of the accidents and other factors were weighed against those of ongoing investigations to make the best use of the resources available.

The data provided below were received from the FRA and the FTA. Criteria used here are for reporting information only and do not represent NTSB launch criteria for investigating an accident. In addition, some information reported by the FTA does not provide details regarding agencies or locations. Staff has reviewed and included all the available information needed to comply with 49 U.S.C. 1116(c)(5).

Qualifying Event (49 U.S.C. 1131)	Reason Not Investigated	
	Limited Resources	Limited Safety Benefit
FRA – Railroad Accident – Fatality		92
FRA – Railroad Accident – Damage Over Reporting Limit, Non-Fatal	303	
FTA – Transit Accident (Passenger Train)	842	
FRA – Trespasser Fatality		636
Subtotals	1,145	728
Total of All Railroad and Transit Accidents Not Investigated		1,873

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

2021 FRA – Railroad Accidents – Fatality

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	9	Palm Beach, Florida	Highway-rail collision/impact	Limited Safety Benefit
1	13	Tangipahoa, Louisiana	Highway-rail collision/impact	Limited Safety Benefit
1	21	Cook, Illinois	Highway-rail collision/impact	Limited Safety Benefit
1	22	Lake, Illinois	Highway-rail collision/impact	Limited Safety Benefit
1	23	Hays, Texas	Highway-rail collision/impact	Limited Safety Benefit
1	24	Jackson, Missouri	Highway-rail collision/impact	Limited Safety Benefit
2	2	York, Nebraska	Highway-rail collision/impact	Limited Safety Benefit
2	4	Otter Tail, Minnesota	Highway-rail collision/impact	Limited Safety Benefit
2	8	Stanislaus, California	Highway-rail collision/impact	Limited Safety Benefit
2	23	Pulaski, Illinois	Highway-rail collision/impact	Limited Safety Benefit
3	11	New Kent, Virginia	Highway-rail collision/impact	Limited Safety Benefit
3	17	Kleberg, Texas	Highway-rail collision/impact	Limited Safety Benefit
3	19	Buffalo, Nebraska	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit
3	20	Maricopa, Arizona	Highway-rail collision/impact	Limited Safety Benefit
3	23	El Paso, Texas	Highway-rail collision/impact	Limited Safety Benefit
4	1	Jefferson, Alabama	Highway-rail collision/impact	Limited Safety Benefit
4	4	Mohave, Arizona	Highway-rail collision/impact	Limited Safety Benefit
4	22	Lamar, Georgia	Highway-rail collision/impact	Limited Safety Benefit
5	3	Sutter, California	Highway-rail collision/impact	Limited Safety Benefit
5	3	Pima, Arizona	Struck by on-track equipment	Limited Safety Benefit
5	5	Jefferson Davis, Louisiana	Highway-rail collision/impact	Limited Safety Benefit
5	8	Snohomish, Washington	Highway-rail collision/impact	Limited Safety Benefit
5	9	Big Horn, Montana	Highway-rail collision/impact	Limited Safety Benefit
5	10	Jackson, Indiana	Highway-rail collision/impact	Limited Safety Benefit
5	14	Greene, Arkansas	Highway-rail collision/impact	Limited Safety Benefit
5	15	Dallas, Texas	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit
5	19	Madison, Georgia	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit
5	21	Donley, Texas	Highway-rail collision/impact	Limited Safety Benefit
5	22	Ottawa, Oklahoma	Highway-rail collision/impact	Limited Safety Benefit
5	22	Martin, Texas	Struck by on-track equipment	Limited Safety Benefit
5	27	Clarke, Iowa	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
5	31	Fort Bend, Texas	Highway-rail collision/impact	Limited Safety Benefit
6	9	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
6	13	Live Oak, Texas	Highway-rail collision/impact	Limited Safety Benefit
6	16	Du Page, Illinois	Highway-rail collision/impact	Limited Safety Benefit
6	24	New Kent, Virginia	Highway-rail collision/impact	Limited Safety Benefit
6	25	Wayne, Michigan	Highway-rail collision/impact	Limited Safety Benefit
6	27	Park, Montana	Highway-rail collision/impact	Limited Safety Benefit
7	1	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
7	3	Ector, Texas	Struck by on-track equipment	Limited Safety Benefit
7	5	Richardson, Nebraska	Highway-rail collision/impact	Limited Safety Benefit
7	7	Apache, Arizona	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit
7	7	Morris, New Jersey	Highway-rail collision/impact	Limited Safety Benefit
7	9	Allegan, Michigan	Highway-rail collision/impact	Limited Safety Benefit
7	9	Polk, Arkansas	Highway-rail collision/impact	Limited Safety Benefit
7	15	Hinds, Mississippi	Highway-rail collision/impact	Limited Safety Benefit
7	21	Greene, Iowa	Highway-rail collision/impact	Limited Safety Benefit
7	22	Cochise, Arizona	Highway-rail collision/impact	Limited Safety Benefit
7	29	Ector, Texas	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit
7	30	Blaine, Nebraska	Highway-rail collision/impact	Limited Safety Benefit
7	30	Canadian, Oklahoma	Highway-rail collision/impact	Limited Safety Benefit
8	9	Washington, Idaho	Highway-rail collision/impact	Limited Safety Benefit
8	11	Fallon, Montana	Struck by object	Limited Safety Benefit
8	21	Black Hawk, Iowa	Highway-rail collision/impact	Limited Safety Benefit
8	22	Sedgwick, Kansas	Struck by on-track equipment	Limited Safety Benefit
8	27	Randolph, Illinois	Highway-rail collision/impact	Limited Safety Benefit
8	28	Muscatine, Iowa	Highway-rail collision/impact	Limited Safety Benefit
9	3	Palm Beach, Florida	Highway-rail collision/impact	Limited Safety Benefit
9	6	Ashley, Arkansas	Highway-rail collision/impact	Limited Safety Benefit
9	8	Dickinson, Michigan	Highway-rail collision/impact	Limited Safety Benefit
9	10	Wharton, Texas	Highway-rail collision/impact	Limited Safety Benefit
9	12	Valley, Montana	Highway-rail collision/impact	Limited Safety Benefit
9	18	Marion, Florida	Highway-rail collision/impact	Limited Safety Benefit
9	22	Waller, Texas	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
9	22	Hall, Nebraska	Highway-rail collision/impact	Limited Safety Benefit
9	24	Botetourt, Virginia	Highway-rail collision/impact	Limited Safety Benefit
9	24	San Mateo, California	Other	Limited Safety Benefit
9	26	Linn, Iowa	Highway-rail collision/impact	Limited Safety Benefit
9	26	Summit, Ohio	Struck by on-track equipment	Limited Safety Benefit
9	27	Suffolk, Massachusetts	Slipped, fell, stumbled, other	Limited Safety Benefit
9	28	Pima, Arizona	Struck by on-track equipment	Limited Safety Benefit
9	29	Du Page, Illinois	Highway-rail collision/impact	Limited Safety Benefit
10	12	Umatilla, Oregon	Highway-rail collision/impact	Limited Safety Benefit
10	14	Crawford, Arkansas	Overexertion	Limited Safety Benefit
10	18	Dawson, Nebraska	Highway-rail collision/impact	Limited Safety Benefit
10	21	Palm Beach, Florida	Highway-rail collision/impact	Limited Safety Benefit
10	24	Clay, Arkansas	Highway-rail collision/impact	Limited Safety Benefit
10	25	Allegheny, Pennsylvania	Highway-rail collision/impact	Limited Safety Benefit
10	26	Sedgwick, Kansas	Highway-rail collision/impact	Limited Safety Benefit
10	31	Colfax, New Mexico	Other	Limited Safety Benefit
11	5	Polk, Arkansas	Highway-rail collision/impact	Limited Safety Benefit
11	25	Miami, Kansas	Highway-rail collision/impact	Limited Safety Benefit
11	27	McHenry, Illinois	Highway-rail collision/impact	Limited Safety Benefit
11	29	Chilton, Alabama	Highway-rail collision/impact	Limited Safety Benefit
12	1	Tangipahoa, Louisiana	Highway-rail collision/impact	Limited Safety Benefit
12	1	Richland, Louisiana	Highway-rail collision/impact	Limited Safety Benefit
12	1	Tarrant, Texas	Struck by on-track equipment	Limited Safety Benefit
12	2	Warren, Kentucky	Caught, crushed, pinched, other	Limited Safety Benefit
12	6	Valley, Montana	Highway-rail collision/impact	Limited Safety Benefit
12	7	Cass, Missouri	Highway-rail collision/impact	Limited Safety Benefit
12	8	Martin, Texas	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit
12	23	Wabaunsee, Kansas	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

2021 FRA – Railroad Accident – Damage Over Reporting Limit, Non-Fatal

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	1	Newark, New Jersey	Other impacts	Limited Resources
1	3	Tulsa, Oklahoma	Derailment	Limited Resources
1	4	Eagle Lake, Texas	Side collision	Limited Resources
1	4	Durkee, Oregon	Derailment	Limited Resources
1	4	Sacramento, California	Obstruction	Limited Resources
1	6	Canby, Oregon	Obstruction	Limited Resources
1	13	Cleveland, Ohio	Derailment	Limited Resources
1	14	Mingo Junction, Ohio	Derailment	Limited Resources
1	20	Summit, California	Derailment	Limited Resources
1	20	San Bernardino, California	Derailment	Limited Resources
1	22	Lolita, Texas	Side collision	Limited Resources
1	23	Houston, Texas	Derailment	Limited Resources
1	24	Winslow, Arizona	Derailment	Limited Resources
1	25	Charlestown, West Virginia	Derailment	Limited Resources
1	26	Middletown, Ohio	Derailment	Limited Resources
1	26	Beaumont, Texas	Derailment	Limited Resources
1	27	Sadieville, Kentucky	Derailment	Limited Resources
1	27	Hazelton, Idaho	Derailment	Limited Resources
1	29	Dodge City, Kansas	Derailment	Limited Resources
1	30	Muskogee, Oklahoma	Derailment	Limited Resources
2	1	El Centro, California	Derailment	Limited Resources
2	2	Hollis, New York	Derailment	Limited Resources
2	4	Grants, New Mexico	Derailment	Limited Resources
2	4	Edgerton, Kansas	Derailment	Limited Resources
2	5	Tehachapi, California	Derailment	Limited Resources
2	7	North Platte, Nebraska	Other impacts	Limited Resources
2	8	Crookston, Minnesota	Derailment	Limited Resources
2	9	Escanaba, Michigan	Derailment	Limited Resources
2	10	Chicago, Illinois	Derailment	Limited Resources
2	10	Atlanta, Georgia	Derailment	Limited Resources
2	10	Chicago, Illinois	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
2	12	Spring, Texas	Derailment	Limited Resources
2	13	Normal, Illinois	Derailment	Limited Resources
2	15	West Chicago, Illinois	Head-on collision	Limited Resources
2	16	Dieterich, Illinois	Derailment	Limited Resources
2	18	Fort Worth, Texas	Derailment	Limited Resources
2	19	Atlanta, Georgia	Derailment	Limited Resources
2	20	Garrison, Utah	Derailment	Limited Resources
2	20	Stanfield, Oregon	Other impacts	Limited Resources
2	21	Cumberland, Maryland	Derailment	Limited Resources
2	22	Hearne, Texas	Derailment	Limited Resources
2	22	Newport, Pennsylvania	Derailment	Limited Resources
2	23	Cameron, Texas	Highway-rail crossing	Limited Resources
2	25	Ogden, Utah	Derailment	Limited Resources
2	26	Fort Worth, Texas	Derailment	Limited Resources
3	2	West Fairview, Pennsylvania	Other impacts	Limited Resources
3	3	Ludlow, California	Derailment	Limited Resources
3	4	San Antonio, Texas	Derailment	Limited Resources
3	4	Front Royal, Virginia	Derailment	Limited Resources
3	5	Houston, Texas	Derailment	Limited Resources
3	6	Caliente, California	Derailment	Limited Resources
3	7	Plymouth, Minnesota	Derailment	Limited Resources
3	7	Theodore, Alabama	Derailment	Limited Resources
3	10	Euclid, Minnesota	Derailment	Limited Resources
3	11	Martinsville, Virginia	Derailment	Limited Resources
3	12	Gillette, Wyoming	Derailment	Limited Resources
3	13	Moraine, Ohio	Derailment	Limited Resources
3	13	Jacksonville, Florida	Derailment	Limited Resources
3	15	Moberly, Missouri	Highway-rail crossing	Limited Resources
3	16	Canadian, Texas	Derailment	Limited Resources
3	16	Caliente, California	Derailment	Limited Resources
3	16	Homewood, Alabama	Derailment	Limited Resources
3	20	Hoffman, Illinois	Highway-rail crossing	Limited Resources
3	22	Darlington, South Carolina	Highway-rail crossing	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
3	23	Elkhart, Indiana	Side collision	Limited Resources
3	24	Shreveport, Louisiana	Derailment	Limited Resources
3	27	Madison, Tennessee	Derailment	Limited Resources
3	27	Dayton, Indiana	Derailment	Limited Resources
3	29	Stevenson, Washington	Derailment	Limited Resources
3	31	Gibbon, Nebraska	Derailment	Limited Resources
3	31	Long Beach, California	Other impacts	Limited Resources
4	4	New Albany, Indiana	Derailment	Limited Resources
4	6	Atlanta, Georgia	Derailment	Limited Resources
4	8	San Bernardino, California	Derailment	Limited Resources
4	9	Knoxville, Tennessee	Derailment	Limited Resources
4	9	Altoona, Pennsylvania	Derailment	Limited Resources
4	14	Beaumont, California	Derailment	Limited Resources
4	15	Houston, Texas	Derailment	Limited Resources
4	15	Union, Oregon	Derailment	Limited Resources
4	16	Joliet, Illinois	Derailment	Limited Resources
4	21	Fort Worth, Texas	Derailment	Limited Resources
4	22	Kramer Junction, California	Derailment	Limited Resources
4	23	Fort Worth, Texas	Other impacts	Limited Resources
4	23	Topock, Arizona	Derailment	Limited Resources
4	24	San Antonio, Texas	Derailment	Limited Resources
4	24	Cheektowaga, New York	Derailment	Limited Resources
4	25	Galveston, Texas	Derailment	Limited Resources
4	26	North Platte, Nebraska	Derailment	Limited Resources
4	28	Aurora, Colorado	Highway-rail crossing	Limited Resources
5	2	Sweetwater, Texas	Derailment	Limited Resources
5	5	Chattanooga, Tennessee	Derailment	Limited Resources
5	6	St. Anthony, Idaho	Highway-rail crossing	Limited Resources
5	7	Tenaha, Texas	Derailment	Limited Resources
5	7	Joaquin, Texas	Derailment	Limited Resources
5	8	Somerville, Massachusetts	Fire/violent rupture	Limited Resources
5	10	Atlanta, Georgia	Derailment	Limited Resources
5	11	Jamaica, New York, New York	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
5	11	Pesotum, Illinois	Derailment	Limited Resources
5	11	De Queen, Arkansas	Derailment	Limited Resources
5	15	Albert Lea, Minnesota	Derailment	Limited Resources
5	16	Tipton, Tennessee	Fire/violent rupture	Limited Resources
5	16	Sibley, Iowa	Derailment	Limited Resources
5	17	Mendenhall, Pennsylvania	Derailment	Limited Resources
5	24	Beaumont, Texas	Derailment	Limited Resources
5	24	Hurley, New Mexico	Derailment	Limited Resources
5	25	Friona, Texas	Derailment	Limited Resources
5	26	Powder River, Wyoming	Rear-end collision	Limited Resources
5	30	North Platte, Nebraska	Other impacts	Limited Resources
5	30	El Paso, Texas	Derailment	Limited Resources
6	5	West Fairview, Pennsylvania	Other impacts	Limited Resources
6	5	Antelope, California	Derailment	Limited Resources
6	6	San Marcos, Texas	Derailment	Limited Resources
6	7	Tunnelhill, Pennsylvania	Derailment	Limited Resources
6	8	Richmond, Virginia	Derailment	Limited Resources
6	10	Meadowlands, Minnesota	Derailment	Limited Resources
6	12	Cedar Grove, Wisconsin	Derailment	Limited Resources
6	12	Pine Bluff, Arkansas	Derailment	Limited Resources
6	13	Irondale, Alabama	Derailment	Limited Resources
6	14	Mesita, New Mexico	Derailment	Limited Resources
6	14	Newberry Springs, California	Derailment	Limited Resources
6	15	Forkland, Alabama	Derailment	Limited Resources
6	16	Cotton, Minnesota	Derailment	Limited Resources
6	16	Merrill, Wisconsin	Derailment	Limited Resources
6	17	Bakersfield, California	Head-on collision	Limited Resources
6	17	Alpine, Alabama	Derailment	Limited Resources
6	20	Salt Lake City, Utah	Derailment	Limited Resources
6	21	Hillsdale, Wyoming	Derailment	Limited Resources
6	23	Norris, South Carolina	Derailment	Limited Resources
6	24	Hamburg, Iowa	Derailment	Limited Resources
6	24	Ames, Iowa	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
6	24	Madison, Missouri	Derailment	Limited Resources
6	24	Windsor, Colorado	Derailment	Limited Resources
6	25	San Antonio, Texas	Derailment	Limited Resources
6	25	Bennet, Nebraska	Derailment	Limited Resources
6	26	North Platte, Nebraska	Other impacts	Limited Resources
6	27	Chicago, Illinois	Highway-rail crossing	Limited Resources
6	28	Royalton, Pennsylvania	Derailment	Limited Resources
6	28	Council Bluffs, Iowa	Other impacts	Limited Resources
6	29	Emporia, Kansas	Derailment	Limited Resources
6	30	Springfield, Virginia	Raking collision	Limited Resources
7	2	Gary, Indiana	Derailment	Limited Resources
7	4	Commerce City, Colorado	Other	Limited Resources
7	6	Springfield, Missouri	Obstruction	Limited Resources
7	7	San Antonio, Texas	Derailment	Limited Resources
7	7	Del Rio, Texas	Highway-rail crossing	Limited Resources
7	8	El Paso, Texas	Derailment	Limited Resources
7	8	Marceline, Missouri	Derailment	Limited Resources
7	10	Brewster, Minnesota	Derailment	Limited Resources
7	13	Vinita, Oklahoma	Derailment	Limited Resources
7	14	Mason City, Iowa	Derailment	Limited Resources
7	15	Minersville, Utah	Derailment	Limited Resources
7	15	Melvindale, Michigan	Derailment	Limited Resources
7	18	Fairmont, Nebraska	Derailment	Limited Resources
7	19	Mc David, Florida	Derailment	Limited Resources
7	20	Elizabethtown, Kentucky	Derailment	Limited Resources
7	21	Auburn, Indiana	Derailment	Limited Resources
7	22	Harrodsburg, Kentucky	Derailment	Limited Resources
7	23	Richmond, Virginia	Derailment	Limited Resources
7	24	Florence, South Carolina	Derailment	Limited Resources
7	27	Memphis, Tennessee	Derailment	Limited Resources
7	28	Burns, Wyoming	Derailment	Limited Resources
7	30	El Paso, Texas	Derailment	Limited Resources
7	30	Kansas City, Kansas	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
7	30	Avondale, Louisiana	Derailment	Limited Resources
8	2	Kosse, Texas	Derailment	Limited Resources
8	2	Portland, Oregon	Derailment	Limited Resources
8	2	Rensselaer, Missouri	Derailment	Limited Resources
8	2	Tallulah, Louisiana	Derailment	Limited Resources
8	5	Atlanta, Georgia	Other	Limited Resources
8	7	Atlanta, Georgia	Derailment	Limited Resources
8	8	Bismarck, North Dakota	Derailment	Limited Resources
8	9	Kingsville, Missouri	Derailment	Limited Resources
8	10	Crosby, Texas	Derailment	Limited Resources
8	13	Carey, Ohio	Side collision	Limited Resources
8	15	Crimora, Virginia	Derailment	Limited Resources
8	16	Oconee, Georgia	Derailment	Limited Resources
8	16	St Johns, Arizona	Derailment	Limited Resources
8	16	Miami-Dade, Florida	Raking collision	Limited Resources
8	18	Canisteo, New York	Derailment	Limited Resources
8	18	Toomsba, Mississippi	Derailment	Limited Resources
8	19	Dumas, Texas	Derailment	Limited Resources
8	19	Fountaintown, Indiana	Derailment	Limited Resources
8	20	East St Louis, Illinois	Derailment	Limited Resources
8	20	Wilton, Arkansas	Highway-rail crossing	Limited Resources
8	24	Fairfield, Nebraska	Derailment	Limited Resources
8	25	Cleveland, Missouri	Derailment	Limited Resources
8	25	Great Falls, Montana	Derailment	Limited Resources
8	27	Big Spring, Texas	Derailment	Limited Resources
8	27	Mount Shasta, California	Derailment	Limited Resources
8	28	New Hampton, Iowa	Derailment	Limited Resources
8	28	Dolton, Illinois	Derailment	Limited Resources
8	30	Houston, Texas	Derailment	Limited Resources
8	31	Carson, California	Derailment	Limited Resources
9	2	Orangeburg, New York	Derailment	Limited Resources
9	3	Bound Brook, New Jersey	Other	Limited Resources
9	3	Friendship, Wisconsin	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
9	4	Raceland, Louisiana	Derailment	Limited Resources
9	5	Kansas City, Missouri	Derailment	Limited Resources
9	5	Caliente, California	Derailment	Limited Resources
9	7	Fremont, Nebraska	Highway-rail crossing	Limited Resources
9	7	Monson, Massachusetts	Fire/violent rupture	Limited Resources
9	11	Ellwood City, Pennsylvania	Highway-rail crossing	Limited Resources
9	13	Luling, Texas	Derailment	Limited Resources
9	14	Cincinnati, Ohio	Other impacts	Limited Resources
9	14	Middle River, Maryland	Other	Limited Resources
9	14	Globe, Arizona	Derailment	Limited Resources
9	16	Baltimore, Maryland	Side collision	Limited Resources
9	18	Avondale, Louisiana	Derailment	Limited Resources
9	18	Westwego, Louisiana	Derailment	Limited Resources
9	22	Birmingham, Alabama	Derailment	Limited Resources
9	25	Bayard, Nebraska	Derailment	Limited Resources
9	25	Joplin, Montana	Derailment	Limited Resources
9	25	Milwaukee, Wisconsin	Derailment	Limited Resources
9	26	Smithville, Texas	Derailment	Limited Resources
9	26	Herington, Kansas	Derailment	Limited Resources
9	29	Jamaica, New York, New York	Derailment	Limited Resources
9	30	Columbia, South Carolina	Derailment	Limited Resources
10	2	Richmond Hill, New York	Derailment	Limited Resources
10	3	Fulton, Alabama	Derailment	Limited Resources
10	4	Addis, Louisiana	Derailment	Limited Resources
10	5	Beaumont, Texas	Derailment	Limited Resources
10	6	Convent, Louisiana	Obstruction	Limited Resources
10	8	Barstow, California	Derailment	Limited Resources
10	9	Crystal, North Dakota	Derailment	Limited Resources
10	11	Savannah, Georgia	Derailment	Limited Resources
10	12	Independence, Kansas	Derailment	Limited Resources
10	14	The Bronx, New York, New York	Obstruction	Limited Resources
10	15	Thackerville, Oklahoma	Highway-rail crossing	Limited Resources
10	18	Oakland, California	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
10	19	Seattle, Washington	Derailment	Limited Resources
10	20	Indianapolis, Indiana	Side collision	Limited Resources
10	20	Yampai, Arizona	Derailment	Limited Resources
10	20	Birmingham, Alabama	Other impacts	Limited Resources
10	21	Alameda, California	Highway-rail crossing	Limited Resources
10	21	Oakland, California	Highway-rail crossing	Limited Resources
10	22	Herington, Kansas	Derailment	Limited Resources
10	25	Miami, Arizona	Other impacts	Limited Resources
10	27	North Platte, Nebraska	Other impacts	Limited Resources
10	27	Fairmont, Minnesota	Derailment	Limited Resources
10	28	Ruther Glen, Virginia	Highway-rail crossing	Limited Resources
10	28	York Haven, Pennsylvania	Derailment	Limited Resources
10	29	Carlisle, Iowa	Derailment	Limited Resources
10	29	Norwood, Missouri	Derailment	Limited Resources
10	29	Ludlow, California	Derailment	Limited Resources
10	30	Montezuma, Kansas	Derailment	Limited Resources
10	30	Reserve, Louisiana	Derailment	Limited Resources
11	2	Nashville, Tennessee	Derailment	Limited Resources
11	5	Navasota, Texas	Derailment	Limited Resources
11	6	North Kansas City, Missouri	Derailment	Limited Resources
11	7	Newark, New Jersey	Derailment	Limited Resources
11	8	Pensacola, Florida	Derailment	Limited Resources
11	11	Wyeville, Wisconsin	Derailment	Limited Resources
11	12	Sankertown, Pennsylvania	Derailment	Limited Resources
11	12	Portland, Oregon	Derailment	Limited Resources
11	13	Porter, Texas	Highway-rail crossing	Limited Resources
11	13	Montrose, Iowa	Obstruction	Limited Resources
11	16	Sumas, Washington	Derailment	Limited Resources
11	17	Fresno, California	Derailment	Limited Resources
11	17	Denver, Colorado	Derailment	Limited Resources
11	20	Maringouin, Louisiana	Other impacts	Limited Resources
11	23	Birmingham, Alabama	Derailment	Limited Resources
11	23	Irondale, Alabama	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
11	24	Nashville, Tennessee	Derailment	Limited Resources
11	24	Los Angeles, California	Derailment	Limited Resources
11	25	Washington Court House, Ohio	Derailment	Limited Resources
11	26	Brownwood, Texas	Derailment	Limited Resources
11	27	Hiram, Georgia	Derailment	Limited Resources
11	27	Bloomington, California	Derailment	Limited Resources
11	28	Portsmouth, Virginia	Derailment	Limited Resources
12	1	Post Falls, Idaho	Derailment	Limited Resources
12	2	Wareham, Massachusetts	Other	Limited Resources
12	3	Realitos, Texas	Derailment	Limited Resources
12	3	Croton On Hudson, New York	Derailment	Limited Resources
12	3	Pacific Junction, Iowa	Rear-end collision	Limited Resources
12	4	Fort Lewis, Washington	Derailment	Limited Resources
12	5	Hammett, Idaho	Derailment	Limited Resources
12	6	Goldthwaite, Texas	Derailment	Limited Resources
12	7	Winslow, Arizona	Derailment	Limited Resources
12	9	Council Bluffs, Iowa	Other impacts	Limited Resources
12	9	Waynesburg, Pennsylvania	Derailment	Limited Resources
12	10	Madisonville, Kentucky	Derailment	Limited Resources
12	10	Bloomington, California	Other impacts	Limited Resources
12	11	West Memphis, Arkansas	Derailment	Limited Resources
12	12	Houston, Texas	Derailment	Limited Resources
12	12	Baldwin, Pennsylvania	Obstruction	Limited Resources
12	12	Fort Sumner, New Mexico	Derailment	Limited Resources
12	14	Luling, Texas	Highway-rail crossing	Limited Resources
12	15	Carmen, Oklahoma	Derailment	Limited Resources
12	15	Kensett, Iowa	Derailment	Limited Resources
12	15	Enola, Pennsylvania	Other impacts	Limited Resources
12	17	Sycamore, Georgia	Derailment	Limited Resources
12	17	Little Rock, Arkansas	Derailment	Limited Resources
12	19	Marshall, Missouri	Derailment	Limited Resources
12	20	Waycross, Georgia	Side collision	Limited Resources
12	21	Bovina, Mississippi	Derailment	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
12	21	Evansville, Wisconsin	Derailment	Limited Resources
12	22	Pine Bluff, Arkansas	Derailment	Limited Resources
12	24	Des Moines, Iowa	Derailment	Limited Resources
12	24	Dodge City, Kansas	Derailment	Limited Resources
12	25	Superior, Wisconsin	Derailment	Limited Resources
12	26	Baring, Missouri	Derailment	Limited Resources
12	27	Kerens, Texas	Derailment	Limited Resources
12	29	Kansas City, Missouri	Derailment	Limited Resources
12	29	Grand Junction, Colorado	Derailment	Limited Resources
12	30	Indianapolis, Indiana	Derailment	Limited Resources

2021 FTA – Transit Accident – Passenger Train Fatality of Passenger, Customer, or Employee

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	31	New York, New York	Collision with a person, one passenger fatality	Limited Resources
2	1	Philadelphia, Pennsylvania	Collision with a person, one customer fatality	Limited Resources
2	5	Philadelphia, Pennsylvania	Collision with a person, one customer fatality	Limited Resources
2	5	New York, New York	Collision with a person, one passenger fatality	Limited Resources
2	23	Chicago, Illinois	Collision with a person, one customer fatality	Limited Resources
3	3	Philadelphia, Pennsylvania	Collision with a person, one passenger fatality	Limited Resources
3	4	Chicago, Illinois	Collision with a person, one customer fatality	Limited Resources
3	18	Dallas, Texas	Collision with a person, one customer fatality	Limited Resources
3	21	New York, New York	Collision with a person, one passenger fatality	Limited Resources
3	24	Washington, District of Columbia	Collision with a person, one customer fatality	Limited Resources
4	26	Boston, Massachusetts	Collision with a person, one customer fatality	Limited Resources
6	2	New York, New York	Collision with a person, one customer fatality	Limited Resources
8	29	New York, New York	Collision with a person, one customer fatality	Limited Resources
10	2	New York, New York	Collision with a person, one passenger fatality	Limited Resources
11	27	Cambridge, Massachusetts	Collision with a person, one customer fatality	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

2021 FTA – Transit Accident – Passenger Train Fatality (Person was Not a Passenger, Customer, or Employee)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	1	New York, New York	Train entering station collided with person on roadbed	Limited Resources
1	3	Tempe, Arizona	Train collided with street vehicle at grade crossing	Limited Resources
1	11	N/A (New York City Transit)	Train entering station collided with person	Limited Resources
1	21	N/A (New York City Transit)	Train collided with person on right-of-way	Limited Resources
1	25	Houston, Texas	Train collided with pedestrian on crosswalk leaving station	Limited Resources
1	25	Atlanta, Georgia	Train collided with person on right-of-way at grade crossing	Limited Resources
1	25	New York, New York	Train collided with person, revenue facility: transit station, one person injured	Limited Resources
2	9	N/A (New York City Transit)	Train collided with customer on roadbed at station	Limited Resources
2	10	New York, New York	Train collided with person on right-of-way	Limited Resources
2	11	New York, New York	Train collided with person crossing tracks at station platform	Limited Resources
2	13	N/A (New York City Transit)	Train collided with customer on track at station	Limited Resources
2	21	Dallas, Texas	Train collided with street vehicle at grade crossing	Limited Resources
2	22	N/A (Sacramento Regional Transit District)	Train collided with person on right-of-way	Limited Resources
3	15	New York, New York	Train collided with person near station	Limited Resources
3	19	N/A (New York City Transit)	Train collided with person near station	Limited Resources
4	10	Sacramento, California	Train collided with person on right-of-way	Limited Resources
4	15	New York, New York	Train collided with person crossing track at station	Limited Resources
4	23	N/A (New York City Transit)	Train collided with person on track near station	Limited Resources
4	24	Portland, Oregon	Train collided with person on right-of-way, one fatality	Limited Resources
4	24	N/A (Tri-County Metropolitan Transportation District of Oregon)	Train collided with person on right-of-way	Limited Resources
5	3	Chicago, Illinois	Train entering station collided with person on right-of-way	Limited Resources
5	10	New York, New York	Train approaching station collided with person on right-of-way	Limited Resources
5	11	Chicago, Illinois	Train collided with person on right-of-way	Limited Resources
5	16	New York, New York	Train collided with person at station	Limited Resources
6	5	Portland, Oregon	Train struck person on track, one fatality	Limited Resources
6	6	Washington, District of Columbia	Train collided with person walking on track at station	Limited Resources
6	10	N/A (New York City Transit)	Train collided with person on right-of-way approaching station	Limited Resources
6	10	Dallas, Texas	Train collided with person on crosswalk at station platform	Limited Resources
6	11	Chicago, Illinois	Train entering station collided with person on right-of-way	Limited Resources
6	14	New York, New York	Train leaving station collided with person on track	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
6	30	New York, New York	Train collided with person on track at station	Limited Resources
7	2	Seattle, Washington	Train collided with two people at grade crossing	Limited Resources
7	4	Saint Paul, Minnesota	Train collided with road vehicle at grade crossing	Limited Resources
7	11	Atlanta, Georgia	Train collided with person sitting on roadbed at station	Limited Resources
7	21	Chicago, Illinois	Train approaching station collided with person on right-of-way	Limited Resources
7	26	Charlotte, North Carolina	Train collided with road vehicle at grade crossing	Limited Resources
7	26	N/A (New York City Transit)	Train approaching station collided with person running across track	Limited Resources
7	27	N/A (New York City Transit)	Train leaving station collided with person	Limited Resources
8	3	Charlotte, North Carolina	Train collided with four people walking on track	Limited Resources
8	21	N/A (New York City Transit)	Train collided with person walking on right-of-way near station	Limited Resources
8	25	Chicago, Illinois	Train collided with person on right-of-way	Limited Resources
8	26	New York, New York	Train approaching station collided with person on track	Limited Resources
8	28	New York, New York	Train leaving station collided with person on right-of-way	Limited Resources
9	13	Gresham, Oregon	Train collided with person sitting on right-of-way	Limited Resources
9	13	Gresham, Oregon	Train collided with person sitting on track, one fatality	Limited Resources
9	20	Chicago, Illinois	Train entering station collided with person at right-of-way	Limited Resources
9	26	New York, New York	Train at station collided with person at right-of-way	Limited Resources
9	26	Chicago, Illinois	Train entering station collided with person at right-of-way	Limited Resources
10	10	Philadelphia, Pennsylvania	Trolley collided with road vehicle at grade crossing	Limited Resources
10	16	Dallas, Texas	Train collided with person at right-of-way	Limited Resources
10	23	Trenton, New Jersey	Train collided with person at grade crossing	Limited Resources
10	29	Denver, Colorado	Train collided with bicyclist at grade crossing	Limited Resources
11	6	Cambridge, Massachusetts	Train approaching station collided with person at right-of-way	Limited Resources
11	15	N/A (New York City Transit)	Train leaving station collided with customer	Limited Resources
11	24	N/A (New York City Transit)	Train at station collided with person under platform	Limited Resources
11	25	Plano, Texas	Train collided with person at right-of-way	Limited Resources
11	28	Santa Clara, California	Train collided with person at right-of-way	Limited Resources
11	30	New York, New York	Train collided with person on roadbed at station	Limited Resources
12	3	N/A (New York City Transit)	Train collided with person at station platform area	Limited Resources
12	7	New York, New York	Train entering station collided with person	Limited Resources
12	10	N/A (San Diego Metropolitan Transit System)	Train collided with person at grade crossing	Limited Resources
12	21	San Francisco, California	Train struck person on right-of-way, one fatality	Limited Resources
12	24	N/A (New York City Transit)	Train collided with person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
12	24	New York, New York	Train departing station collided with person	Limited Resources
12	24	New York, New York	Train entering station collided with person, one fatality	Limited Resources
12	24	New York, New York	Train collided with person at station, one fatality	Limited Resources
12	25	Denver, Colorado	Train collided with person on right-of-way	Limited Resources
12	28	N/A (New York City Transit)	Train entering station collided with person	Limited Resources

2021 FTA – Transit Accident – Passenger Train, Non-Fatal

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	2	Tampa, Florida	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	3	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	3	Baltimore, Maryland	Not a grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	4	N/A, (Sacramento Regional Transit District)	Not a grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	5	Buffalo, New York	Collision with a person	Limited Resources
1	5	New York, New York	Collision with a person, one person injured	Limited Resources
1	7	Tacoma, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	7	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	7	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	8	Salt Lake City, Utah	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	8	Boston, Massachusetts	Collision with a non-transit motor vehicle (POV)	Limited Resources
1	8	New York, New York	Collision with a person	Limited Resources
1	8	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
1	8	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	8	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	11	San Francisco, California	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
1	11	San Jose, California	Grade crossing, collision with a person	Limited Resources
1	11	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	11	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
1	12	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	12	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	12	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	13	Philadelphia, Pennsylvania	Collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	13	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	13	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	15	Philadelphia, Pennsylvania	Collision with a fixed object	Limited Resources
1	15	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	15	Newton, Massachusetts	Collision with a person	Limited Resources
1	15	Los Angeles, California	Collision with a person	Limited Resources
1	15	Jersey City, New Jersey	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	15	Houston, Texas	Grade crossing, collision with a person	Limited Resources
1	16	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	16	N/A (MTA New York City Transit)	Collision with a person, one person injured	Limited Resources
1	16	New York, New York	Collision with a person	Limited Resources
1	16	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	18	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	18	New York, New York	Collision with a rail transit vehicle - rail transit maintenance or service vehicle on rail fixed guideway	Limited Resources
1	19	San Francisco, California	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
1	19	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	20	Chicago, Illinois	Collision with a person	Limited Resources
1	21	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	21	Philadelphia, Pennsylvania	Collided with a person	Limited Resources
1	21	New York, New York	Collision with a person	Limited Resources
1	22	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	23	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	23	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	23	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	23	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	24	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	25	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	25	New York, New York	Collision with a person, one person injured	Limited Resources
1	25	Baltimore, Maryland	Collision with a non-transit motor vehicle (POV), one person injured	Limited Resources
1	25	Chicago, Illinois	Collision with a person, one customer injured	Limited Resources
1	26	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	28	Norfolk, Virginia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	28	San Francisco, California	Grade crossing, collision with a non-rail transit vehicle (transit owned vehicle)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	28	Newton, Massachusetts	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	28	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	28	New York, New York	Collision with a person	Limited Resources
1	28	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
1	29	Philadelphia, Pennsylvania	Not a grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	29	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
1	29	Portland, Oregon	Collision with a person	Limited Resources
1	29	West Valley City, Utah	Grade crossing, collision with a non-transit motor vehicle (POV), one passenger injured	Limited Resources
1	31	Tampa, Florida	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	1	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	1	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	2	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
2	2	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	2	N/A (New Jersey Transit Corporation)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	2	Camden, New Jersey	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	3	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	3	N/A (Southeastern Pennsylvania Transit Authority)	Not a grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	3	New York, New York	Collision with a person, one passenger injured	Limited Resources
2	4	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	4	New York, New York	Collision with a person, one customer injured	Limited Resources
2	5	Philadelphia, Pennsylvania	Collision with a person, one customer injured	Limited Resources
2	5	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	5	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	5	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	5	Tampa, Florida	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	5	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	6	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	7	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	7	Quincy, Massachusetts	Collision with a person	Limited Resources
2	7	Tampa, Florida	Collision with a rail transit vehicle/rail passenger train - revenue service	Limited Resources
2	8	Philadelphia, Pennsylvania	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
2	8	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
2	9	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	10	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	10	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	10	N/A (MTA New York City Transit)	Collision with a person, one pedestrian walking along tracks injured	Limited Resources
2	10	New York, New York	Collision with a person	Limited Resources
2	12	Philadelphia, Pennsylvania	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
2	12	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	13	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV), two people injured	Limited Resources
2	13	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	14	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	16	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	16	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a person	Limited Resources
2	18	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	18	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	21	Mesa, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	21	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	21	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	22	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	22	San Jose, California	Not a grade crossing, collision with a fixed object	Limited Resources
2	22	N/A (Massachusetts Bay Transportation Authority)	Collision with a person, one customer injured	Limited Resources
2	22	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	23	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	23	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	24	Denver, Colorado	Collision with a person	Limited Resources
2	24	Boston, Massachusetts	Grade crossing, collision with a non-transit motor vehicle	Limited Resources
2	24	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	26	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
2	26	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	1	Philadelphia, Pennsylvania	Collision with a non-transit motor vehicle (POV)	Limited Resources
3	1	Seattle, Washington	Collision with a person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
3	3	Tacoma, Washington	Collision with a person	Limited Resources
3	4	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
3	4	Camden, New Jersey	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	5	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	6	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	7	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	7	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	7	New York, New York	Collision with a person	Limited Resources
3	8	Minneapolis, Minnesota	Collision with a person	Limited Resources
3	8	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	9	N/A (Washington Metropolitan Area Transit Authority)	Collision with a rail transit vehicle - rail transit maintenance or service vehicle on the rail fixed guideway	Limited Resources
3	9	Dallas, Texas	Collision with a person	Limited Resources
3	10	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	12	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	13	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
3	13	N/A (Washington Metropolitan Area Transit Authority)	Collision with a person	Limited Resources
3	13	N/A (New Orleans Regional Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	14	Hillsboro, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	14	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	17	New York, New York	Collision with a person, one person injured	Limited Resources
3	17	Tucson, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	17	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	18	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	18	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	18	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	19	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	20	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	20	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	20	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	21	Downtown Kansas City, Missouri	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	22	N/A (MTA New York City Transit)	Collision with a person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
3	23	N/A (Southeastern Pennsylvania Transit Authority)	Collision with a non-transit motor vehicle (POV)	Limited Resources
3	23	Long Beach, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	23	Sacramento, California	Collision with a non-transit motor vehicle (POV)	Limited Resources
3	24	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	25	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
3	25	New York, New York	Collision with a person	Limited Resources
3	27	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	27	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	27	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	27	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	28	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	28	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	29	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
3	30	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	1	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	1	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	1	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	2	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	2	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	2	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	3	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	3	Jersey City, New Jersey	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	3	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	4	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	4	N/A (Bi-State Development Agency of the Missouri-Illinois Metropolitan District)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	4	Chicago, Illinois	Collision with a person	Limited Resources
4	4	New York, New York	Collision with a person	Limited Resources
4	6	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	6	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	6	New York, New York	Collision with a person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
4	6	New York, New York	Transit station, collision with a person, one customer injured	Limited Resources
4	8	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	8	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	8	N/A (Maryland Transit Administration)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	9	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	9	Long Beach, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	11	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	15	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	16	Philadelphia, Pennsylvania	Not a grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	16	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	16	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	17	Houston, Texas	Collision with a person	Limited Resources
4	18	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	19	Philadelphia, Pennsylvania	Not a grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	20	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	20	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	20	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	21	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	22	N/A (Sacramento Regional Transit District)	Not a grade crossing, collision with a person	Limited Resources
4	23	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	24	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	25	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	25	N/A (New Jersey Transit Corporation)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	25	Irving, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	26	Dallas, Texas	Not a grade crossing, collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
4	26	New Orleans, Louisiana	Grade crossing, collision with a person	Limited Resources
4	27	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	28	Philadelphia, Pennsylvania	Not a grade crossing, collision with a person	Limited Resources
4	28	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	28	Houston, Texas	Grade crossing, collision with a person	Limited Resources
4	28	N/A (Massachusetts Bay Transportation Authority)	Collision with a person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
4	29	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	29	Charlotte, North Carolina	Collision with a person	Limited Resources
4	29	N/A (Metropolitan Transit Authority of Harris County, Texas)	Grade crossing, collision with a person	Limited Resources
4	30	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
4	30	Portland, Oregon	Collision with a non-transit motor vehicle (POV)	Limited Resources
4	30	Chicago, Illinois	Grade crossing, collision with a person, one person injured	Limited Resources
4	30	Chula Vista, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	1	Philadelphia, Pennsylvania	Collision with a non-transit motor vehicle (POV)	Limited Resources
5	1	San Francisco, California	Collision with a non-transit motor vehicle (POV)	Limited Resources
5	2	Portland, Oregon	Grade crossing, collision with a person	Limited Resources
5	2	New York, New York	Collision with a person	Limited Resources
5	3	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	3	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	3	Medford, Massachusetts	Collision with a fixed object	Limited Resources
5	3	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	4	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	4	Portland, Oregon	Collision with a person	Limited Resources
5	4	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	4	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	4	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	5	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	6	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
5	7	Portland, Oregon	Grade crossing, collision with a person	Limited Resources
5	7	Tampa, Florida	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	8	Aurora, Colorado	Collision with a person	Limited Resources
5	8	Arlington, Virginia	Collision with a person	Limited Resources
5	9	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	9	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	9	N/A (Washington Metropolitan Area Transit Authority)	Collision with a person	Limited Resources
5	10	N/A (Southeastern Pennsylvania Transit Authority)	Collision with a non-transit motor vehicle (POV)	Limited Resources
5	10	Detroit, Michigan	Collision with a fixed object	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
5	10	Pittsburgh, Pennsylvania	Collision with a non-transit motor vehicle (POV)	Limited Resources
5	11	Houston, Texas	Collision with a person	Limited Resources
5	11	Tacoma, Washington	Collision with a person	Limited Resources
5	11	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
5	12	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	12	Cambridge, Massachusetts	Collision with a rail transit vehicle-rail transit maintenance or service vehicle on the rail fixed guideway,	Limited Resources
5	13	Philadelphia, Pennsylvania	Not a grade crossing, collision with a person	Limited Resources
5	13	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	13	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	14	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	14	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	15	Phoenix, Arizona	Collision with a fixed object	Limited Resources
5	15	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	16	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV), two passengers injured	Limited Resources
5	17	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	17	San Francisco, California	Collision with a person	Limited Resources
5	18	Boston, Massachusetts	Not a grade crossing, collision with a fixed object	Limited Resources
5	19	Oklahoma City, Oklahoma	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	20	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
5	20	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	20	San Diego, California	Grade crossing, collision with a person	Limited Resources
5	20	Milpitas, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	22	Tampa, Florida	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	23	San Jose, California	Grade crossing, collision with a person	Limited Resources
5	24	Saint Paul, Minnesota	Grade crossing, collision with a person, one person injured	Limited Resources
5	24	Detroit, Michigan	Grade crossing, collision with a fixed object	Limited Resources
5	24	Tempe, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	25	Chicago, Illinois	Not a grade crossing, collision with a person	Limited Resources
5	25	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	25	Houston, Texas	Collision with a person	Limited Resources
5	26	Escondido, California	Grade crossing, collision with a fixed object	Limited Resources
5	26	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	27	New York, New York	Collision with a person, one customer injured	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
5	27	N/A (MTA New York City Transit)	Transit station, collision with a person	Limited Resources
5	28	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	28	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	28	Oklahoma City, Oklahoma	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	30	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
5	30	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	1	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	1	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
6	2	Dallas, Texas	Collision with a person	Limited Resources
6	3	New York, New York	Collision with a person	Limited Resources
6	4	N/A (Maryland Transit Administration)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	5	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	5	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	6	Boston, Massachusetts	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
6	7	N/A (San Diego Metropolitan Transit System)	Grade crossing, collision with a person	Limited Resources
6	7	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	8	New York, New York	Collision with a person	Limited Resources
6	9	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	9	N/A (Chicago Transit Authority)	Collision with a person	Limited Resources
6	9	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	10	Minneapolis, Minnesota	Collision with a person	Limited Resources
6	10	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	10	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	10	New York, New York	Collision with a person	Limited Resources
6	10	New York, New York	Transit station, collision with a person, one pedestrian walking along track injured	Limited Resources
6	10	Sacramento, California	Grade crossing, collision with a shopping cart	Limited Resources
6	10	New York, New York	Collision with a rail transit vehicle/rail passenger train - not in Revenue Service	Limited Resources
6	11	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	11	N/A (San Diego Metropolitan Transit System)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	11	Towson, Maryland	Collision with a fixed object, tree debris	Limited Resources
6	12	N/A (Southeastern Pennsylvania Transit Authority)	Collision with a person	Limited Resources
6	13	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
6	13	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
6	13	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	14	Gresham, Oregon	Grade crossing, collision with a person	Limited Resources
6	14	N/A (Bi-State Development Agency of the Missouri-Illinois Metropolitan District)	Collision with an object	Limited Resources
6	14	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	14	Tacoma, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	15	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	15	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	15	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	16	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
6	16	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
6	16	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	17	Houston, Texas	Grade crossing, collision with a person	Limited Resources
6	17	New York, New York	Collision with a person	Limited Resources
6	18	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	19	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	19	Mesa, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	20	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	20	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	21	Sacramento, California	Grade crossing, collision with an object	Limited Resources
6	21	Seattle, Washington	Non-revenue facility, collision with a fixed object	Limited Resources
6	21	West Jordan, Utah	Grade crossing, collision with a person, one bicyclist injured	Limited Resources
6	21	Santa Monica, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	22	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	23	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV), one employee injured	Limited Resources
6	23	New York, New York	Collision with a person	Limited Resources
6	24	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	24	Mesa, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	24	Trenton, New Jersey	Grade crossing, collision with a person, one person injured	Limited Resources
6	25	N/A (Los Angeles County Metropolitan Transportation Authority)	Collision with a person	Limited Resources
6	26	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
6	27	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
6	27	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	27	Clayton, Missouri	Collision with an object	Limited Resources
6	28	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	28	Cleveland, Ohio	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
6	28	N/A (Maryland Transit Administration)	Not a grade crossing, collision with a person	Limited Resources
6	29	Boston, Massachusetts	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
6	29	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
6	30	Chicago, Illinois	Collision with a person	Limited Resources
6	30	Kansas City, Missouri	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	2	Philadelphia, Pennsylvania	Collision with a rail transit vehicle/rail passenger train - revenue service	Limited Resources
7	3	Tempe, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	3	Boston, Massachusetts	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	4	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	5	New York, New York	Collision with a person	Limited Resources
7	5	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	7	Oceanside, California	Grade crossing, collision with a shopping cart	Limited Resources
7	7	Houston, Texas	Grade crossing, collision with a person	Limited Resources
7	9	Washington, District of Columbia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	9	Washington, District of Columbia	Collision with a piece of maintenance hardware	Limited Resources
7	10	N/A (Los Angeles County Metropolitan Transportation Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	11	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	12	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV), one person injured	Limited Resources
7	12	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle, (POV)	Limited Resources
7	12	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	13	Salt Lake City, Utah	Collision with a person	Limited Resources
7	13	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	13	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	14	Detroit, Michigan	Collision with a non-transit motor vehicle (POV)	Limited Resources
7	14	Dallas, Texas	Collision with a person	Limited Resources
7	14	N/A (Bi-State Development Agency of the Missouri-Illinois Metropolitan District)	Not a grade crossing, collision with an object	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
7	15	N/A (Metro Transit)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	15	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	15	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	15	N/A (Bi-State Development Agency of the Missouri-Illinois Metropolitan District)	Collision with a person	Limited Resources
7	17	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	19	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	20	Dallas, Texas	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
7	21	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	21	New York, New York	Collision with a person	Limited Resources
7	21	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	22	N/A (Maryland Transit Administration)	Collision with a person	Limited Resources
7	23	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	23	Houston, Texas	Grade crossing, collision with a person	Limited Resources
7	25	Boston, Massachusetts	Collision with a fixed object	Limited Resources
7	25	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	26	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	26	N/A (Chicago Transit Authority)	Grade crossing, collision with a person, one employee and one other person injured	Limited Resources
7	27	New York, New York	Collision with a person	Limited Resources
7	27	San Diego, California	Grade crossing, collision with a person	Limited Resources
7	28	New York, New York	Collision with a person	Limited Resources
7	28	Camden, New Jersey	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	28	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	28	Houston, Texas	Grade crossing, collision with a person	Limited Resources
7	28	Midvale, Utah	Grade crossing, collision with a person	Limited Resources
7	28	Seattle, Washington	Collision with a person	Limited Resources
7	30	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	31	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
7	31	New York, New York	Collision with a person, one passenger injured	Limited Resources
8	1	Houston, Texas	Collision with a person, one customer injured	Limited Resources
8	2	N/A (MTA New York City Transit)	Collision with a person, one customer injured	Limited Resources
8	2	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	3	New York, New York	Collision with a person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
8	4	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	4	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	4	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	4	New York, New York	Collision with a person	Limited Resources
8	4	New York, New York	Transit station, collision with person, one customer injured	Limited Resources
8	5	N/A (Massachusetts Bay Transportation Authority)	Collision with a person	Limited Resources
8	5	N/A (Maryland Transit Administration)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	6	N/A (Metro Transit)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	6	Houston, Texas	Collision with a person	Limited Resources
8	7	Milwaukee, Wisconsin	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	7	Long Beach, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	8	Houston, Texas	Collision with a person	Limited Resources
8	8	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	8	Dallas, Texas	Collision with a person	Limited Resources
8	10	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
8	10	N/A (Sacramento Regional Transit District)	Grade crossing, collision with a fixed object	Limited Resources
8	10	Tampa, Florida	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	10	New York, New York	Collision with a person	Limited Resources
8	10	New York, New York	Transit station, collision with a person, one customer injured	Limited Resources
8	11	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	11	Washington, District of Columbia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	11	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	12	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	12	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	12	Oklahoma City, Oklahoma	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	13	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	13	New York, New York	Collision with a person	Limited Resources
8	13	N/A (Maryland Transit Administration)	Not a grade crossing, collision with a fixed object	Limited Resources
8	14	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	14	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	15	Haverford Township, Pennsylvania	Collision with a rail transit vehicle-rail transit maintenance or service vehicle on the rail fixed guideway	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
8	16	N/A (Metropolitan Atlanta Rapid Transit Authority)	Collision with an object	Limited Resources
8	16	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	16	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	17	Sacramento, California	Grade crossing, collision with a person	Limited Resources
8	17	Newton, Massachusetts	Collision with a person	Limited Resources
8	18	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	18	Boston, Massachusetts	Collision with a fixed object	Limited Resources
8	18	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	18	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	18	Baltimore, Maryland	Collision with a person	Limited Resources
8	19	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	20	Tempe, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	20	Boston, Massachusetts	Collision with a person	Limited Resources
8	20	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	20	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	21	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle	Limited Resources
8	21	Tempe, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	22	Santa Monica, California	Collision with a person	Limited Resources
8	23	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	23	Jersey City, New Jersey	Grade crossing, collision with a non-transit motor vehicle	Limited Resources
8	23	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	23	San Francisco, California	Collision with a rail transit vehicle, rail passenger train - revenue service	Limited Resources
8	24	Irving, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	25	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	25	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV), one passenger injured	Limited Resources
8	25	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
8	25	New York, New York	Collision with a person	Limited Resources
8	27	Hillsboro, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
8	27	Jersey City, New Jersey	Collision with a person	Limited Resources
8	27	San Francisco, California	Collision with a person, one customer injured	Limited Resources
8	28	San Diego, California	Grade crossing, collision with a person	Limited Resources
8	29	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
8	29	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	1	Dallas, Texas	Collision with a person	Limited Resources
9	3	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	4	Boston, Massachusetts	Collision with a person	Limited Resources
9	4	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	4	New York, New York	Collision with a person	Limited Resources
9	5	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	5	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	6	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	6	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	6	N/A (Metropolitan Atlanta Rapid Transit Authority)	Collision with a tree	Limited Resources
9	6	New York, New York	Collision with a person	Limited Resources
9	7	Philadelphia, Pennsylvania	Collision with a non-transit motor vehicle (POV)	Limited Resources
9	7	Richardson, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	8	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	8	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	8	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	9	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	9	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	9	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	9	N/A (Bi-State Development Agency of the Missouri-Illinois Metropolitan District)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	9	New York, New York	Collision with a person	Limited Resources
9	10	Mesa, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	11	New York, New York	Collision with a person	Limited Resources
9	12	Portland, Oregon	Collision with a person	Limited Resources
9	12	Sacramento, California	Grade crossing, collision with a person	Limited Resources
9	13	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	13	San Francisco, California	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
9	13	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
9	14	N/A (Chicago Transit Authority)	Grade crossing, collision with a person, one employee injured	Limited Resources
9	14	Escondido, California	Grade crossing, collision with a fixed object	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
9	15	Chicago, Illinois	Collision with a person	Limited Resources
9	15	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	16	Denver, Colorado	Grade crossing, collision with an object	Limited Resources
9	16	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	16	Vista, California	Collision with a person	Limited Resources
9	16	N/A (MTA New York City Transit)	Not a grade crossing, collision with wayside rail equipment	Limited Resources
9	17	Bloomington, Minnesota	Collision with a person	Limited Resources
9	17	San Francisco, California	Grade crossing, collision with non-rail transit vehicle (transit-owned and -operated vehicle not being used on the rail fixed guideway)	Limited Resources
9	18	N/A (Los Angeles County Metropolitan Transportation Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	19	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
9	20	Charlotte, North Carolina	Not a grade crossing, collision with a fixed object	Limited Resources
9	20	Detroit, Michigan	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	20	Tempe, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	21	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
9	21	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	21	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	22	Washington, District of Columbia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	22	Phoenix, Arizona	Not a grade crossing, collision with a person	Limited Resources
9	23	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	24	New York, New York	Collision with a person	Limited Resources
9	24	Trenton, New Jersey	Grade crossing, collision with a person	Limited Resources
9	24	Dallas, Texas	Collision with a person	Limited Resources
9	24	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	25	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	26	N/A (Southeastern Pennsylvania Transit Authority)	Collision with a non-transit motor vehicle (POV)	Limited Resources
9	26	N/A (Southeastern Pennsylvania Transit Authority)	Not a grade crossing, collision with a non-transit motor vehicle (POV), one person injured	Limited Resources
9	26	New York, New York	Collision with a person	Limited Resources
9	27	West Valley City, Utah	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	27	Jersey City, New Jersey	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	27	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
9	27	Richardson, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	29	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
9	29	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	29	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	30	Portland, Oregon	Collision with a non-transit motor vehicle (POV)	Limited Resources
9	30	New York, New York	Collision with a person	Limited Resources
9	30	New York, New York	Transit station, collision with a person, one customer injured	Limited Resources
9	30	N/A (Port Authority of Allegheny County)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	30	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
9	30	New York, New York	Collision with a person	Limited Resources
10	1	Boston, Massachusetts	Collision with a person	Limited Resources
10	1	Chicago, Illinois	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	1	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	2	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	2	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	5	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	5	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	6	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	7	Saint Paul, Minnesota	Collision with a person	Limited Resources
10	8	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	8	N/A (Santa Clara Valley Transportation Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	9	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	9	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	10	New York, New York	Collision with a person	Limited Resources
10	11	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	11	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	12	Lindenwold, New Jersey	Collision with a rail transit vehicle – rail transit maintenance or service vehicle on the rail fixed guideway	Limited Resources
10	13	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	13	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	13	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	13	Dallas, Texas	Grade crossing, collision with a person	Limited Resources
10	13	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
10	14	Portland, Oregon	Collision with a person	Limited Resources
10	14	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	14	Dallas, Texas	Grade crossing, collision with a person	Limited Resources
10	15	N/A (Los Angeles County Metropolitan Transportation Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	16	New York, New York	Collision with a person	Limited Resources
10	18	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
10	18	San Diego, California	Collision with a non-transit motor vehicle (POV)	Limited Resources
10	18	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	19	West Valley City, Utah	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	19	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	19	Boston, Massachusetts	Collision with a skateboard	Limited Resources
10	19	San Francisco, California	Collision with a person	Limited Resources
10	19	Los Angeles, California	Grade crossing, collision with a bicyclist	Limited Resources
10	20	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
10	20	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	20	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	20	New York, New York	Collision with a person	Limited Resources
10	21	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	21	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	21	N/A (San Diego Metropolitan Transit System)	Grade crossing, collision with a person	Limited Resources
10	22	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
10	22	Portland, Oregon	Collision with a non-transit motor vehicle (POV)	Limited Resources
10	22	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	22	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	23	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle	Limited Resources
10	23	Salt Lake City, Utah	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	23	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	23	San Diego, California	Not a grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	24	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
10	25	Philadelphia, Pennsylvania	Collision with a non-transit motor vehicle (POV)	Limited Resources
10	25	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	26	N/A (MTA New York City Transit)	Collision with a person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
10	26	Irving, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	26	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	26	Los Angeles, California	Collision with a person	Limited Resources
10	27	N/A (Denver Regional Transportation District)	Collision with a fixed object	Limited Resources
10	27	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	27	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	27	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	27	Houston, Texas	Grade crossing, collision with a person	Limited Resources
10	27	New York, New York	Collision with a person	Limited Resources
10	28	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	28	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
10	28	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	28	N/A (Los Angeles County Metropolitan Transportation Authority)	Grade crossing, collision with a person	Limited Resources
10	29	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	29	Dallas, Texas	Collision with a person	Limited Resources
10	29	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	30	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	30	Atlanta, Georgia	Collision with a non-transit motor vehicle (POV)	Limited Resources
10	30	Sacramento, California	Grade crossing, collision with a person	Limited Resources
10	30	Chicago, Illinois	Collision with a person	Limited Resources
10	30	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	30	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
10	31	Chicago, Illinois	Collision with a person	Limited Resources
11	1	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	1	Minneapolis, Minnesota	Collision with a person	Limited Resources
11	1	Charlotte, North Carolina	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	1	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	1	San Jose, California	Collision with a non-transit motor vehicle (POV)	Limited Resources
11	2	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	2	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	2	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
11	2	Denver, Colorado	Collision with a person	Limited Resources
11	2	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	2	Santa Monica, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	2	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	3	Mesa, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	3	Houston, Texas	Grade crossing, collision with a person	Limited Resources
11	3	Charlotte, North Carolina	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	3	Washington, District of Columbia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	3	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	3	New York, New York	Not a grade crossing, collision with a fixed object	Limited Resources
11	5	Charlotte, North Carolina	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	5	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	5	Los Angeles, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	5	Cleveland, Ohio	Collision with a rail transit vehicle/rail passenger train - not in revenue service	Limited Resources
11	5	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	8	New York, New York	Collision with a person	Limited Resources
11	9	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	9	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	9	Dallas, Texas	Collision with a non-transit motor vehicle (POV)	Limited Resources
11	10	N/A (Southeastern Pennsylvania Transit Authority)	Collision with a non-transit motor vehicle (POV)	Limited Resources
11	10	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	10	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	11	Baltimore, Maryland	Grade crossing, collision with a non-transit motor vehicle	Limited Resources
11	12	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	13	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	13	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	13	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	14	N/A (Southeastern Pennsylvania Transit Authority)	Collision with a non-transit motor vehicle	Limited Resources
11	14	New York, New York	Collision with a person	Limited Resources
11	15	Salt Lake City, Utah	Grade crossing, collision with a non-transit motor vehicle	Limited Resources
11	15	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
11	15	N/A (Washington Metropolitan Area Transit Authority)	Collision with a fixed object	Limited Resources
11	16	Philadelphia, Pennsylvania	Collision with a non-transit motor vehicle (POV)	Limited Resources
11	16	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	16	Houston, Texas	Grade crossing, collision with a person	Limited Resources
11	16	N/A (Los Angeles County Metropolitan Transportation Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	16	N/A (Washington Metropolitan Area Transit Authority)	Collision with a fixed object	Limited Resources
11	17	Philadelphia, Pennsylvania	Collision with a person, one pedestrian	Limited Resources
11	17	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	17	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	18	Charlotte, North Carolina	Grade crossing, collision with a fixed object	Limited Resources
11	18	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	18	N/A (MTA New York City Transit)	Collision with a person	Limited Resources
11	18	New York, New York	Collision with a rail transit vehicle - rail transit maintenance or service vehicle on the rail fixed guideway	Limited Resources
11	20	Chicago, Illinois	Collision with a person	Limited Resources
11	20	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	20	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	21	Houston, Texas	Grade crossing, collision with a person, one pedestrian in crossing injured	Limited Resources
11	21	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	21	New York, New York	Collision with a person	Limited Resources
11	22	Chicago, Illinois	Collision with a person	Limited Resources
11	23	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	23	San Jose, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	24	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	24	N/A (Los Angeles County Metropolitan Transportation Authority)	Collision with a person	Limited Resources
11	24	Atlanta, Georgia	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	25	Philadelphia, Pennsylvania	Collision with a rail transit vehicle, rail passenger train - revenue service	Limited Resources
11	25	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	26	Philadelphia, Pennsylvania	Collision with a person	Limited Resources
11	26	Charlotte, North Carolina	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
11	26	Cambridge, Massachusetts	Collision with a person	Limited Resources
11	26	Seattle, Washington	Collision with a fixed object	Limited Resources
11	26	San Jose, California	Grade crossing, collision with a person	Limited Resources
11	27	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	27	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	27	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	28	N/A (Bi-State Development Agency of the Missouri-Illinois Metropolitan District)	Grade crossing, collision with a person	Limited Resources
11	29	Minneapolis, Minnesota	Grade crossing, collision with a person	Limited Resources
11	29	Dallas, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
11	29	Santee, California	Collision with a person	Limited Resources
11	30	Saint Paul, Minnesota	Collision with a person	Limited Resources
11	30	N/A (Massachusetts Bay Transportation Authority)	Collision with a person	Limited Resources
11	30	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	1	Jersey City, New Jersey	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	1	Santa Monica, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	2	Tempe, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	2	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV), two passengers injured	Limited Resources
12	2	Denver, Colorado	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	3	Phoenix, Arizona	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	3	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	3	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	4	New York, New York	Collision with a person	Limited Resources
12	5	New York, New York	Collision with a person	Limited Resources
12	6	Houston, Texas	Grade crossing, collision with a person	Limited Resources
12	6	Sacramento, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	7	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	7	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	7	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	8	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	8	Los Angeles, California	Collision with a person	Limited Resources
12	8	New York, New York	Collision with a person	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
12	9	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	9	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	9	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	11	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	12	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	13	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	14	Jersey City, New Jersey	Grade crossing, collision with a person	Limited Resources
12	14	Portland, Oregon	Collision with a person	Limited Resources
12	15	West Valley City, Utah	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	15	Seattle, Washington	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	16	Houston, Texas	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	16	Los Angeles, California	Collision with a person	Limited Resources
12	17	New Orleans, Louisiana	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	17	Dallas, Texas	Grade crossing, collision with a person	Limited Resources
12	18	Minneapolis, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	18	Phoenix, Arizona	Collision with a rail transit vehicle, rail passenger train - not in revenue service	Limited Resources
12	18	New York, New York	Collision with a person	Limited Resources
12	20	Saint Paul, Minnesota	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	20	Philadelphia, Pennsylvania	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	20	Escondido, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	21	New York, New York	Collision with a person	Limited Resources
12	22	Portland, Oregon	Grade crossing, collision with a person	Limited Resources
12	22	Washington, District of Columbia	Collision with a trash can	Limited Resources
12	23	Aurora, Colorado	Grade crossing, collision with a person	Limited Resources
12	23	Dallas, Texas	Collision with a person	Limited Resources
12	23	Long Beach, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	23	New York, New York	Collision with a person	Limited Resources
12	24	Dallas, Texas	Grade crossing, collision with a person, one bicyclist injured	Limited Resources
12	25	N/A (Southeastern Pennsylvania Transit Authority)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	25	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	26	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	26	New York, New York	Collision with a person, one person injured	Limited Resources

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
12	27	Houston, Texas	Grade crossing, collision with a on-transit motor vehicle (POV)	Limited Resources
12	27	Kansas City, Missouri	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	28	San Francisco, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	29	San Diego, California	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	29	Newton, Massachusetts	Collision with a rail transit vehicle, rail passenger train - not in revenue service	Limited Resources
12	29	Portland, Oregon	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	29	New York, New York	Revenue facility: transit station, collision with a person, one customer injured	Limited Resources
12	29	New York, New York	Collision with a person	Limited Resources
12	29	New York, New York	Revenue facility: transit station, collision with a person, one person injured	Limited Resources
12	29	Dallas, Texas	Collision with a rail transit vehicle, rail transit maintenance or service vehicle on the rail fixed guideway	Limited Resources
12	30	N/A (New Jersey Transit Corporation)	Grade crossing, collision with a non-transit motor vehicle (POV)	Limited Resources
12	30	N/A (Maryland Transit Administration)	Collision with a shopping cart	Limited Resources
12	30	New York, New York	Collision with a person	Limited Resources
12	31	Philadelphia, Pennsylvania	Grade crossing, collision with a rail transit vehicle, rail passenger train - revenue service	Limited Resources
12	31	New York, New York	Collision with a person	Limited Resources
12	31	Dallas, Texas	Grade crossing, collision with a person	Limited Resources

2021 FTA – Passenger Train

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	3	Marion, Florida	Struck by on-track equipment	Limited Safety Benefit
1	4	Tarrant, Texas	Struck by on-track equipment	Limited Safety Benefit
1	4	Mcintosh, Oklahoma	Struck by on-track equipment	Limited Safety Benefit
1	5	Lake, Indiana	Highway-rail collision/impact	Limited Safety Benefit
1	5	Gonzales, Texas	Struck by on-track equipment	Limited Safety Benefit
1	6	Osceola, Florida	Other	Limited Safety Benefit
1	7	Williamson, Tennessee	Caught in or compressed by other machinery	Limited Safety Benefit
1	7	Jackson, Mississippi	Struck by on-track equipment	Limited Safety Benefit
1	7	Broward, Florida	Struck by on-track equipment	Limited Safety Benefit
1	9	Simpson, Kentucky	Highway-rail collision/impact	Limited Safety Benefit
1	10	San Diego, California	Struck by on-track equipment	Limited Safety Benefit
1	10	Contra Costa, California	Struck by on-track equipment	Limited Safety Benefit
1	11	Alameda, California	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	11	Dallas, Texas	Struck by on-track equipment	Limited Safety Benefit
1	13	Nassau, New York	Other impacts - on track equipment	Limited Safety Benefit
1	13	Douglas, Kansas	Struck by on-track equipment	Limited Safety Benefit
1	13	Davidson, North Carolina	Struck by on-track equipment	Limited Safety Benefit
1	14	Polk, Florida	Struck by object	Limited Safety Benefit
1	14	King, Washington	Struck by on-track equipment	Limited Safety Benefit
1	14	Muscatine, Iowa	Struck by on-track equipment	Limited Safety Benefit
1	15	Pierce, Washington	Struck by on-track equipment	Limited Safety Benefit
1	15	Columbiana, Ohio	Struck by on-track equipment	Limited Safety Benefit
1	15	Fresno, California	Struck by on-track equipment	Limited Safety Benefit
1	17	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
1	20	Alameda, California	Assaulted by other	Limited Safety Benefit
1	20	White, Arkansas	Struck by on-track equipment	Limited Safety Benefit
1	20	Butte, California	Struck by on-track equipment	Limited Safety Benefit
1	21	Santa Clara, California	Highway-rail collision/impact	Limited Safety Benefit
1	22	Nassau, Florida	Highway-rail collision/impact	Limited Safety Benefit
1	23	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
1	23	Stanislaus, California	Struck by on-track equipment	Limited Safety Benefit
1	24	Otter Tail, Minnesota	Highway-rail collision/impact	Limited Safety Benefit
1	25	Colorado, Texas	Struck by on-track equipment	Limited Safety Benefit
1	25	Harris, Texas	Struck by on-track equipment	Limited Safety Benefit
1	26	Whatcom, Washington	Struck by on-track equipment	Limited Safety Benefit
1	26	St. James, Louisiana	Struck by on-track equipment	Limited Safety Benefit
1	27	Tarrant, Texas	Struck by on-track equipment	Limited Safety Benefit
1	28	San Diego, California	Struck by on-track equipment	Limited Safety Benefit
1	28	Suffolk, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
1	28	Marshall, Iowa	Struck by on-track equipment	Limited Safety Benefit
1	28	Alameda, California	Struck by on-track equipment	Limited Safety Benefit
1	29	Alameda, California	Highway-rail collision/impact	Limited Safety Benefit
1	29	Sacramento, California	Highway-rail collision/impact	Limited Safety Benefit
1	29	York, Maine	Struck by on-track equipment	Limited Safety Benefit
1	29	Allegheny, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
1	30	Nemaha, Nebraska	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
1	31	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
2	1	Orange, California	Struck by on-track equipment	Limited Safety Benefit
2	2	Bartow, Georgia	Struck by on-track equipment	Limited Safety Benefit
2	2	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
2	3	Santa Barbara, California	Aggravated pre-existing condition	Limited Safety Benefit
2	4	Hillsborough, Florida	Highway-rail collision/impact	Limited Safety Benefit
2	4	Solano, California	Highway-rail collision/impact	Limited Safety Benefit
2	5	Guilford, North Carolina	Struck by on-track equipment	Limited Safety Benefit
2	5	Montgomery, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
2	7	Washoe, Nevada	Struck by on-track equipment	Limited Safety Benefit
2	7	Clark, Nevada	Struck by on-track equipment	Limited Safety Benefit
2	8	Marion, Florida	Struck by on-track equipment	Limited Safety Benefit
2	8	Maricopa, Arizona	Struck by on-track equipment	Limited Safety Benefit
2	9	St. Louis City, Missouri	Struck by on-track equipment	Limited Safety Benefit
2	11	Ellis, Oklahoma	Highway-rail collision/impact	Limited Safety Benefit
2	12	Harford, Maryland	Struck by on-track equipment	Limited Safety Benefit
2	13	Madison, Illinois	Aggravated pre-existing condition	Limited Safety Benefit
2	13	San Joaquin, California	Highway-rail collision/impact	Limited Safety Benefit
2	13	New Haven, Connecticut	Struck by on-track equipment	Limited Safety Benefit
2	15	Calcasieu, Louisiana	Struck by on-track equipment	Limited Safety Benefit
2	16	Suffolk, New York	Highway-rail collision/impact	Limited Safety Benefit
2	16	Delaware, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
2	16	Kern, California	Struck by on-track equipment	Limited Safety Benefit
2	19	Washoe, Nevada	Struck by on-track equipment	Limited Safety Benefit
2	21	Cook, Illinois	Struck by on-track equipment	Limited Safety Benefit
2	21	Lake, Montana	Struck by on-track equipment	Limited Safety Benefit
2	21	Merced, California	Struck by on-track equipment	Limited Safety Benefit
2	23	Miami, Kansas	Caught, crushed, pinched, other	Limited Safety Benefit
2	23	Pulaski, Illinois	Highway-rail collision/impact	Limited Safety Benefit
2	24	Orange, Florida	Highway-rail collision/impact	Limited Safety Benefit
2	24	Effingham, Illinois	Highway-rail collision/impact	Limited Safety Benefit
2	24	Davidson, Tennessee	Struck by on-track equipment	Limited Safety Benefit
2	25	Orange, California	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
2	25	Ouachita, Louisiana	Struck by on-track equipment	Limited Safety Benefit
2	26	Yuba, California	Struck by on-track equipment	Limited Safety Benefit
3	2	Grimes, Texas	Struck by on-track equipment	Limited Safety Benefit
3	3	Tulare, California	Struck by on-track equipment	Limited Safety Benefit
3	4	Contra Costa, California	Struck by on-track equipment	Limited Safety Benefit
3	4	Queens, New York	Struck by on-track equipment	Limited Safety Benefit
3	4	Shasta, California	Struck by on-track equipment	Limited Safety Benefit
3	5	Los Angeles, California	Highway-rail collision/impact	Limited Safety Benefit
3	7	Middlesex, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
3	8	Victoria, Texas	Struck by on-track equipment	Limited Safety Benefit
3	9	Stanislaus, California	Highway-rail collision/impact	Limited Safety Benefit
3	9	Orleans, Louisiana	Highway-rail collision/impact	Limited Safety Benefit
3	9	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
3	10	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
3	11	Osceola, Florida	Highway-rail collision/impact	Limited Safety Benefit
3	11	Suffolk, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
3	13	Merced, California	Struck by on-track equipment	Limited Safety Benefit
3	13	Arapahoe, Colorado	Struck by on-track equipment	Limited Safety Benefit
3	13	Union, New Jersey	Struck by on-track equipment	Limited Safety Benefit
3	15	Fresno, California	Highway-rail collision/impact	Limited Safety Benefit
3	15	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
3	16	Santa Barbara, California	Struck by on-track equipment	Limited Safety Benefit
3	16	Navajo, Arizona	Struck by on-track equipment	Limited Safety Benefit
3	16	Volusia, Florida	Struck by on-track equipment	Limited Safety Benefit
3	16	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
3	17	Escambia, Florida	Struck by on-track equipment	Limited Safety Benefit
3	18	Oklahoma, Oklahoma	Struck by on-track equipment	Limited Safety Benefit
3	20	Contra Costa, California	Highway-rail collision/impact	Limited Safety Benefit
3	20	Denver, Colorado	Struck by on-track equipment	Limited Safety Benefit
3	20	Guadalupe, Texas	Struck by on-track equipment	Limited Safety Benefit
3	23	Wood, Ohio	Highway-rail collision/impact	Limited Safety Benefit
3	24	Benton, Oregon	Caught Between Equipment	Limited Safety Benefit
3	25	San Mateo, California	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
3	26	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
3	27	Palm Beach, Florida	Struck by on-track equipment	Limited Safety Benefit
3	27	Yellowstone, Montana	Struck by on-track equipment	Limited Safety Benefit
3	29	Limestone, Alabama	Struck by on-track equipment	Limited Safety Benefit
3	29	Palm Beach, Florida	Struck by on-track equipment	Limited Safety Benefit
3	29	Travis, Texas	Struck by on-track equipment	Limited Safety Benefit
3	30	Orange, Florida	Other	Limited Safety Benefit
3	30	Johnson, Kansas	Struck by on-track equipment	Limited Safety Benefit
3	31	Johnson, Kansas	Highway-rail collision/impact	Limited Safety Benefit
3	31	Wyandotte, Kansas	Slipped, fell, stumbled, other	Limited Safety Benefit
3	31	Hampden, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
4	1	Merced, California	Struck by on-track equipment	Limited Safety Benefit
4	2	Lane, Oregon	Struck by on-track equipment	Limited Safety Benefit
4	3	Tulare, California	Highway-rail collision/impact	Limited Safety Benefit
4	3	Kern, California	Struck by on-track equipment	Limited Safety Benefit
4	3	Westchester, New York	Struck by on-track equipment	Limited Safety Benefit
4	4	Riverside, California	Slipped, fell, stumbled, other	Limited Safety Benefit
4	4	Williamson, Texas	Struck by on-track equipment	Limited Safety Benefit
4	4	Los Angeles, California	Struck by other remote control locomotive controlled equipment	Limited Safety Benefit
4	5	Wise, Texas	Struck by on-track equipment	Limited Safety Benefit
4	6	Fresno, California	Struck by on-track equipment	Limited Safety Benefit
4	6	Harrison, Kentucky	Struck by on-track equipment	Limited Safety Benefit
4	7	Lake, Illinois	Struck by on-track equipment	Limited Safety Benefit
4	8	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
4	10	Essex, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
4	10	Philadelphia, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
4	11	Butte, California	Highway-rail collision/impact	Limited Safety Benefit
4	11	Kern, California	Struck by on-track equipment	Limited Safety Benefit
4	13	Oklahoma, Oklahoma	Struck by on-track equipment	Limited Safety Benefit
4	14	Henrico, Virginia	Other	Limited Safety Benefit
4	15	San Diego, California	Struck by on-track equipment	Limited Safety Benefit
4	15	Orange, California	Struck by on-track equipment	Limited Safety Benefit
4	15	St Croix, Wisconsin	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
4	16	West Baton Rouge, Louisiana	Slipped, fell, stumbled, other	Limited Safety Benefit
4	16	Cook, Illinois	Struck by object	Limited Safety Benefit
4	18	Newton, Mississippi	Highway-rail collision/impact	Limited Safety Benefit
4	19	St. Joseph, Indiana	Struck by object	Limited Safety Benefit
4	19	Kern, California	Struck by on-track equipment	Limited Safety Benefit
4	20	Suffolk, New York	Struck by on-track equipment	Limited Safety Benefit
4	21	Fresno, California	Highway-rail collision/impact	Limited Safety Benefit
4	22	Polk, Florida	Highway-rail collision/impact	Limited Safety Benefit
4	22	Polk, Florida	Highway-rail collision/impact	Limited Safety Benefit
4	22	McKinley, New Mexico	Struck by on-track equipment	Limited Safety Benefit
4	22	Liberty, Texas	Struck by on-track equipment	Limited Safety Benefit
4	23	Doña Ana, New Mexico	Assaulted by other	Limited Safety Benefit
4	23	Madison, Indiana	Struck by on-track equipment	Limited Safety Benefit
4	24	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit
4	24	Cook, Illinois	Struck by on-track equipment	Limited Safety Benefit
4	25	Burleigh, North Dakota	Highway-rail collision/impact	Limited Safety Benefit
4	25	Ward, North Dakota	Struck against object	Limited Safety Benefit
4	26	De Kalb, Illinois	Highway-rail collision/impact	Limited Safety Benefit
4	26	Wayne, West Virginia	Struck by on-track equipment	Limited Safety Benefit
4	26	Lynchburg, Virginia	Struck by on-track equipment	Limited Safety Benefit
4	26	Pinal, Arizona	Struck by on-track equipment	Limited Safety Benefit
4	27	Livingston, Louisiana	Struck by on-track equipment	Limited Safety Benefit
4	28	Medina, Texas	Struck by on-track equipment	Limited Safety Benefit
4	28	Winnebago, Illinois	Struck by on-track equipment	Limited Safety Benefit
4	28	Johnston, North Carolina	Struck by on-track equipment	Limited Safety Benefit
4	28	Trinity, Texas	Struck by on-track equipment	Limited Safety Benefit
4	30	Sangamon, Illinois	Highway-rail collision/impact	Limited Safety Benefit
4	30	Snohomish, Washington	Struck by on-track equipment	Limited Safety Benefit
4	30	Elk, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
5	2	Richmond, Georgia	Struck by on-track equipment	Limited Safety Benefit
5	2	Adams, Colorado	Struck by on-track equipment	Limited Safety Benefit
5	2	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
5	3	Orange, California	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
5	3	Delaware, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
5	4	Santa Clara, California	Highway-rail collision/impact	Limited Safety Benefit
5	4	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
5	5	Los Angeles, California	Slipped, fell, stumbled, other	Limited Safety Benefit
5	6	Suffolk, New York	Highway-rail collision/impact	Limited Safety Benefit
5	6	Fairfield, Connecticut	Struck against object	Limited Safety Benefit
5	7	Alameda, California	Struck by on-track equipment	Limited Safety Benefit
5	7	Fresno, California	Struck by on-track equipment	Limited Safety Benefit
5	7	Henry, Ohio	Struck by on-track equipment	Limited Safety Benefit
5	8	New Castle, Delaware	Slipped, fell, stumbled, other	Limited Safety Benefit
5	9	Ouachita, Louisiana	Struck by on-track equipment	Limited Safety Benefit
5	10	Shelby, Tennessee	Highway-rail collision/impact	Limited Safety Benefit
5	11	Morgan, Georgia	Highway-rail collision/impact	Limited Safety Benefit
5	11	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
5	11	Kalamazoo, Michigan	Struck by on-track equipment	Limited Safety Benefit
5	12	Sanders, Montana	Struck by on-track equipment	Limited Safety Benefit
5	13	Snohomish, Washington	Struck by on-track equipment	Limited Safety Benefit
5	13	Pulaski, Arkansas	Struck by on-track equipment	Limited Safety Benefit
5	14	Polk, Florida	Highway-rail collision/impact	Limited Safety Benefit
5	15	St Joseph, Indiana	Highway-rail collision/impact	Limited Safety Benefit
5	15	Brevard, Florida	Struck by on-track equipment	Limited Safety Benefit
5	17	Terrell, Texas	Struck by on-track equipment	Limited Safety Benefit
5	18	Fresno, California	Struck by on-track equipment	Limited Safety Benefit
5	19	Lake, Indiana	Struck by on-track equipment	Limited Safety Benefit
5	20	New Haven, Connecticut	Struck by on-track equipment	Limited Safety Benefit
5	20	Lewis, Washington	Struck by on-track equipment	Limited Safety Benefit
5	20	Harrison, Mississippi	Struck by on-track equipment	Limited Safety Benefit
5	21	San Joaquin, California	Highway-rail collision/impact	Limited Safety Benefit
5	23	Rutherford, North Carolina	Struck by on-track equipment	Limited Safety Benefit
5	23	Volusia, Florida	Struck by on-track equipment	Limited Safety Benefit
5	24	Sacramento, California	Highway-rail collision/impact	Limited Safety Benefit
5	24	Stanislaus, California	Slipped, fell, stumbled, other	Limited Safety Benefit
5	24	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
5	24	Lonoke, Arkansas	Struck by on-track equipment	Limited Safety Benefit
5	24	Tulare, California	Struck by on-track equipment	Limited Safety Benefit
5	26	Mecklenburg, North Carolina	Struck by on-track equipment	Limited Safety Benefit
5	27	Columbia, New York	Struck by on-track equipment	Limited Safety Benefit
5	29	Pontotoc, Oklahoma	Struck by on-track equipment	Limited Safety Benefit
5	30	Coffee, Georgia	Highway-rail collision/impact	Limited Safety Benefit
5	30	Montgomery, Texas	Struck by on-track equipment	Limited Safety Benefit
5	31	Butler, Ohio	Struck by on-track equipment	Limited Safety Benefit
5	31	Grundy, Illinois	Struck by on-track equipment	Limited Safety Benefit
5	31	Pierce, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
6	1	Utah, Utah	Highway-rail collision/impact	Limited Safety Benefit
6	1	Van Zandt, Texas	Struck by on-track equipment	Limited Safety Benefit
6	1	Escambia, Florida	Struck by on-track equipment	Limited Safety Benefit
6	1	Anne Arundel, Maryland	Struck by on-track equipment	Limited Safety Benefit
6	2	Middlesex, New Jersey	Struck by on-track equipment	Limited Safety Benefit
6	3	San Mateo, California	Other	Limited Safety Benefit
6	3	Wagoner, Oklahoma	Struck by on-track equipment	Limited Safety Benefit
6	4	Cook, Illinois	Struck by on-track equipment	Limited Safety Benefit
6	4	San Diego, California	Struck by on-track equipment	Limited Safety Benefit
6	5	Highlands, Florida	Struck by on-track equipment	Limited Safety Benefit
6	5	Crittenden, Arkansas	Struck by on-track equipment	Limited Safety Benefit
6	5	Montgomery, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
6	6	Butler, Ohio	Other	Limited Safety Benefit
6	6	San Joaquin, California	Slipped, fell, stumbled, other	Limited Safety Benefit
6	6	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
6	6	Brevard, Florida	Struck by on-track equipment	Limited Safety Benefit
6	6	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
6	7	Maricopa, Arizona	Aggravated pre-existing condition	Limited Safety Benefit
6	8	Wake, North Carolina	Struck by on-track equipment	Limited Safety Benefit
6	8	Marion, Indiana	Struck by on-track equipment	Limited Safety Benefit
6	9	McLennan, Texas	Slipped, fell, stumbled, other	Limited Safety Benefit
6	9	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
6	9	Washtenaw, Michigan	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
6	9	Denton, Texas	Struck by on-track equipment	Limited Safety Benefit
6	11	Yavapai, Arizona	Struck by on-track equipment	Limited Safety Benefit
6	11	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
6	12	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
6	13	Webster, Missouri	Highway-rail collision/impact	Limited Safety Benefit
6	13	New Haven, Connecticut	Struck by on-track equipment	Limited Safety Benefit
6	13	Contra Costa, California	Struck by on-track equipment	Limited Safety Benefit
6	13	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
6	15	Seneca, Ohio	Struck by on-track equipment	Limited Safety Benefit
6	15	Bowie, Texas	Struck by on-track equipment	Limited Safety Benefit
6	16	Yakima, Washington	Highway-rail collision/impact	Limited Safety Benefit
6	16	Washtenaw, Michigan	Struck by on-track equipment	Limited Safety Benefit
6	16	Otter Tail, Minnesota	Struck by on-track equipment	Limited Safety Benefit
6	17	Delaware, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
6	19	Clark, Nevada	Climatic condition, exposure to environmental heat	Limited Safety Benefit
6	22	Buchanan, Missouri	Highway-rail collision/impact	Limited Safety Benefit
6	24	Florence, South Carolina	Highway-rail collision/impact	Limited Safety Benefit
6	24	Davidson, Tennessee	Highway-rail collision/impact	Limited Safety Benefit
6	24	Jo Daviess, Illinois	Struck by on-track equipment	Limited Safety Benefit
6	26	Lake, Indiana	Highway-rail collision/impact	Limited Safety Benefit
6	26	Montgomery, Maryland	Struck by on-track equipment	Limited Safety Benefit
6	27	Cook, Illinois	Highway-rail collision/impact	Limited Safety Benefit
6	28	Suffolk, New York	Highway-rail collision/impact	Limited Safety Benefit
6	28	Mason, West Virginia	Struck by on-track equipment	Limited Safety Benefit
6	28	Davidson, Tennessee	Struck by on-track equipment	Limited Safety Benefit
6	28	Dallas, Texas	Struck by on-track equipment	Limited Safety Benefit
6	29	Taylor, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
6	30	Coconino, Arizona	Highway-rail collision/impact	Limited Safety Benefit
7	1	Crow Wing, Minnesota	Struck by on-track equipment	Limited Safety Benefit
7	2	Somerset, New Jersey	Struck by on-track equipment	Limited Safety Benefit
7	3	Malheur, Oregon	Struck by on-track equipment	Limited Safety Benefit
7	4	Middlesex, New Jersey	Highway-rail collision/impact	Limited Safety Benefit
7	4	Lamar, Mississippi	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
7	4	Grant, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
7	4	Merced, California	Struck by on-track equipment	Limited Safety Benefit
7	5	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
7	5	Queens, New York	Struck by on-track equipment	Limited Safety Benefit
7	5	Calcasieu, Louisiana	Struck by on-track equipment	Limited Safety Benefit
7	6	Santa Clara, California	Struck against object	Limited Safety Benefit
7	6	Ventura, California	Struck by on-track equipment	Limited Safety Benefit
7	6	Snohomish, Washington	Struck by on-track equipment	Limited Safety Benefit
7	7	Passaic, New Jersey	Highway-rail collision/impact	Limited Safety Benefit
7	7	Middlesex, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
7	8	Morris, New Jersey	Struck by on-track equipment	Limited Safety Benefit
7	9	Linn, Oregon	Struck by on-track equipment	Limited Safety Benefit
7	9	Henry, Illinois	Struck by on-track equipment	Limited Safety Benefit
7	10	Douglas, Colorado	Struck by on-track equipment	Limited Safety Benefit
7	10	Webb, Texas	Struck by on-track equipment	Limited Safety Benefit
7	11	Middlesex, New Jersey	Struck by on-track equipment	Limited Safety Benefit
7	11	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
7	11	Hillsborough, Florida	Struck by on-track equipment	Limited Safety Benefit
7	12	Kittitas, Washington	Struck by on-track equipment	Limited Safety Benefit
7	12	Hennepin, Minnesota	Struck by on-track equipment	Limited Safety Benefit
7	13	Delaware, Pennsylvania	Highway-rail collision/impact	Limited Safety Benefit
7	13	Snohomish, Washington	Struck by on-track equipment	Limited Safety Benefit
7	13	Suffolk, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
7	14	Milwaukee, Wisconsin	Slipped, fell, stumbled, other	Limited Safety Benefit
7	14	King, Washington	Struck by on-track equipment	Limited Safety Benefit
7	15	Clark, Nevada	Slipped, fell, stumbled, other	Limited Safety Benefit
7	16	Scotland, North Carolina	Highway-rail collision/impact	Limited Safety Benefit
7	16	Montgomery, Texas	Struck by on-track equipment	Limited Safety Benefit
7	17	San Diego, California	Highway-rail collision/impact	Limited Safety Benefit
7	17	Cook, Illinois	Highway-rail collision/impact	Limited Safety Benefit
7	17	Hood River, Oregon	Slipped, fell, stumbled, other	Limited Safety Benefit
7	18	San Diego, California	Highway-rail collision/impact	Limited Safety Benefit
7	18	Davis, Utah	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
7	18	Niagara, New York	Struck by on-track equipment	Limited Safety Benefit
7	19	Harvey, Kansas	Struck by on-track equipment	Limited Safety Benefit
7	20	Wayne, Michigan	Highway-rail collision/impact	Limited Safety Benefit
7	20	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
7	21	Miami-Dade, Florida	Highway-rail collision/impact	Limited Safety Benefit
7	21	El Paso, Colorado	Struck by on-track equipment	Limited Safety Benefit
7	21	Stanislaus, California	Struck by on-track equipment	Limited Safety Benefit
7	22	Dallas, Texas	Other	Limited Safety Benefit
7	22	Contra Costa, California	Struck by on-track equipment	Limited Safety Benefit
7	22	Carlton, Minnesota	Struck by on-track equipment	Limited Safety Benefit
7	23	San Mateo, California	Other	Limited Safety Benefit
7	24	Riverside, California	Aggravated pre-existing condition	Limited Safety Benefit
7	24	Bristol, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
7	25	Douglas, Colorado	Highway-rail collision/impact	Limited Safety Benefit
7	25	De Kalb, Georgia	Other	Limited Safety Benefit
7	25	Mohave, Arizona	Struck by on-track equipment	Limited Safety Benefit
7	26	San Diego, California	Struck by on-track equipment	Limited Safety Benefit
7	26	El Paso, Texas	Struck by on-track equipment	Limited Safety Benefit
7	28	Alameda, California	Struck by on-track equipment	Limited Safety Benefit
7	30	Montgomery, Texas	Slipped, fell, stumbled, other	Limited Safety Benefit
7	30	Hamilton, Ohio	Struck by on-track equipment	Limited Safety Benefit
8	1	Maricopa, Arizona	Ran into on-track equipment	Limited Safety Benefit
8	1	Cook, Illinois	Struck by on-track equipment	Limited Safety Benefit
8	2	Madera, California	Highway-rail collision/impact	Limited Safety Benefit
8	2	Santa Clara, California	Other	Limited Safety Benefit
8	2	Orleans, Louisiana	Struck by on-track equipment	Limited Safety Benefit
8	3	Uvalde, Texas	Slipped, fell, stumbled, other	Limited Safety Benefit
8	4	Denver, Colorado	Slipped, fell, stumbled, other	Limited Safety Benefit
8	4	Greenville, South Carolina	Struck by on-track equipment	Limited Safety Benefit
8	5	Maricopa, Arizona	Aggravated pre-existing condition	Limited Safety Benefit
8	5	King, Washington	Struck by on-track equipment	Limited Safety Benefit
8	5	Dane, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
8	6	Edgecombe, North Carolina	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
8	6	Cook, Illinois	Highway-rail collision/impact	Limited Safety Benefit
8	6	Monroe, New York	Struck by on-track equipment	Limited Safety Benefit
8	6	Bexar, Texas	Struck by on-track equipment	Limited Safety Benefit
8	7	Los Angeles, California	Assaulted by other	Limited Safety Benefit
8	7	Imperial, California	Struck against object	Limited Safety Benefit
8	7	Roosevelt, Montana	Struck by on-track equipment	Limited Safety Benefit
8	8	Cibola, New Mexico	Struck by on-track equipment	Limited Safety Benefit
8	8	Christian, Kentucky	Struck by on-track equipment	Limited Safety Benefit
8	8	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
8	10	Nassau, New York	Other	Limited Safety Benefit
8	10	Allegheny, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
8	12	Will, Illinois	Highway-rail collision/impact	Limited Safety Benefit
8	12	Kinney, Texas	Struck by on-track equipment	Limited Safety Benefit
8	13	Alameda, California	Aggravated pre-existing condition	Limited Safety Benefit
8	13	Bronx, New York	Other	Limited Safety Benefit
8	14	Suffolk, New York	Highway-rail collision/impact	Limited Safety Benefit
8	14	Roseau, Minnesota	Highway-rail collision/impact	Limited Safety Benefit
8	14	Marion, Indiana	Struck by on-track equipment	Limited Safety Benefit
8	15	Berrien, Michigan	Struck by on-track equipment	Limited Safety Benefit
8	15	Lake, Illinois	Struck by on-track equipment	Limited Safety Benefit
8	17	San Mateo, California	Highway-rail collision/impact	Limited Safety Benefit
8	17	Pierce, Washington	Struck by on-track equipment	Limited Safety Benefit
8	17	Harris, Texas	Struck by on-track equipment	Limited Safety Benefit
8	18	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
8	19	Dyer, Tennessee	Highway-rail collision/impact	Limited Safety Benefit
8	19	Worcester, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
8	19	Robertson, Texas	Struck by on-track equipment	Limited Safety Benefit
8	20	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
8	20	Cook, Illinois	Struck by on-track equipment	Limited Safety Benefit
8	21	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit
8	22	Sedgwick, Kansas	Struck by on-track equipment	Limited Safety Benefit
8	22	Alameda, California	Struck by on-track equipment	Limited Safety Benefit
8	23	Davidson, North Carolina	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
8	23	El Paso, Colorado	Struck by on-track equipment	Limited Safety Benefit
8	24	San Luis Obispo, California	Struck by on-track equipment	Limited Safety Benefit
8	24	Kern, California	Struck by on-track equipment	Limited Safety Benefit
8	25	Contra Costa, California	Highway-rail collision/impact	Limited Safety Benefit
8	25	Knox, Illinois	Highway-rail collision/impact	Limited Safety Benefit
8	25	San Francisco, California	Other	Limited Safety Benefit
8	25	Cumberland, Maine	Struck by on-track equipment	Limited Safety Benefit
8	25	Davidson, North Carolina	Struck by on-track equipment	Limited Safety Benefit
8	25	Tarrant, Texas	Struck by on-track equipment	Limited Safety Benefit
8	26	Madera, California	Highway-rail collision/impact	Limited Safety Benefit
8	26	San Mateo, California	Other	Limited Safety Benefit
8	27	Reno, Kansas	Struck by on-track equipment	Limited Safety Benefit
8	27	Mahoning, Ohio	Struck by on-track equipment	Limited Safety Benefit
8	27	Davidson, Tennessee	Struck by on-track equipment	Limited Safety Benefit
8	28	Orange, California	Struck by on-track equipment	Limited Safety Benefit
8	30	Plymouth, Massachusetts	Highway-rail collision/impact	Limited Safety Benefit
8	30	Multnomah, Oregon	Slipped, fell, stumbled, other	Limited Safety Benefit
8	30	Roosevelt, Montana	Struck by on-track equipment	Limited Safety Benefit
8	31	Otoe, Nebraska	Other	Limited Safety Benefit
8	31	Douglas, Kansas	Struck by on-track equipment	Limited Safety Benefit
8	31	Pinal, Arizona	Struck by on-track equipment	Limited Safety Benefit
9	1	Middlesex, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
9	1	Lake, Illinois	Struck by on-track equipment	Limited Safety Benefit
9	2	Alameda, California	Struck by on-track equipment	Limited Safety Benefit
9	2	Cook, Illinois	Struck by on-track equipment	Limited Safety Benefit
9	2	Kittitas, Washington	Struck by on-track equipment	Limited Safety Benefit
9	3	New Haven, Connecticut	Struck by on-track equipment	Limited Safety Benefit
9	3	Bronx, New York	Struck by on-track equipment	Limited Safety Benefit
9	4	Santa Clara, California	Struck by on-track equipment	Limited Safety Benefit
9	4	Apache, Arizona	Struck by on-track equipment	Limited Safety Benefit
9	4	Marion, Ohio	Struck by on-track equipment	Limited Safety Benefit
9	5	Johnson, Missouri	Slipped, fell, stumbled, other	Limited Safety Benefit
9	5	Pima, Arizona	Slipped, fell, stumbled, other	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
9	5	Santa Barbara, California	Struck by on-track equipment	Limited Safety Benefit
9	5	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
9	5	Brazos, Texas	Struck by on-track equipment	Limited Safety Benefit
9	6	Palm Beach, Florida	Struck by on-track equipment	Limited Safety Benefit
9	6	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
9	6	Clark, Nevada	Struck by on-track equipment	Limited Safety Benefit
9	8	Harris, Texas	Highway-rail collision/impact	Limited Safety Benefit
9	8	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
9	8	Cook, Illinois	Struck by on-track equipment	Limited Safety Benefit
9	8	Bronx, New York	Struck by on-track equipment	Limited Safety Benefit
9	9	Mayes, Oklahoma	Struck by on-track equipment	Limited Safety Benefit
9	10	Wake, North Carolina	Struck by on-track equipment	Limited Safety Benefit
9	12	Platte, Missouri	Struck by on-track equipment	Limited Safety Benefit
9	12	Linn, Iowa	Struck by on-track equipment	Limited Safety Benefit
9	13	Delaware, Ohio	Highway-rail collision/impact	Limited Safety Benefit
9	13	Osceola, Florida	Struck by on-track equipment	Limited Safety Benefit
9	14	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit
9	15	Lorain, Ohio	Struck by on-track equipment	Limited Safety Benefit
9	17	Miami-Dade, Florida	Highway-rail collision/impact	Limited Safety Benefit
9	18	Kanawha, West Virginia	Struck by on-track equipment	Limited Safety Benefit
9	21	Ector, Texas	Highway-rail collision/impact	Limited Safety Benefit
9	21	Baltimore City, Maryland	Shot	Limited Safety Benefit
9	21	Suffolk, New York	Struck by on-track equipment	Limited Safety Benefit
9	22	Tarrant, Texas	Highway-rail collision/impact	Limited Safety Benefit
9	22	Yolo, California	Struck by on-track equipment	Limited Safety Benefit
9	23	Polk, Minnesota	Struck by on-track equipment	Limited Safety Benefit
9	24	Shelby, Alabama	Struck by on-track equipment	Limited Safety Benefit
9	24	Travis, Texas	Struck by on-track equipment	Limited Safety Benefit
9	26	Jefferson, Alabama	Highway-rail collision/impact	Limited Safety Benefit
9	26	Harford, Maryland	Struck by on-track equipment	Limited Safety Benefit
9	26	Crawford, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
9	26	Whatcom, Washington	Struck by on-track equipment	Limited Safety Benefit
9	26	Richland, Louisiana	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
9	27	Albany, New York	Other	Limited Safety Benefit
9	27	Tarrant, Texas	Struck by on-track equipment	Limited Safety Benefit
9	28	King, Washington	Struck by on-track equipment	Limited Safety Benefit
9	29	Caddo, Louisiana	Struck by on-track equipment	Limited Safety Benefit
9	30	Miami-Dade, Florida	Highway-rail collision/impact	Limited Safety Benefit
9	30	Henry, Illinois	Struck by on-track equipment	Limited Safety Benefit
10	1	Jefferson, Kentucky	Struck by on-track equipment	Limited Safety Benefit
10	2	Volusia, Florida	Highway-rail collision/impact	Limited Safety Benefit
10	2	Bucks, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
10	2	Deschutes, Oregon	Struck by on-track equipment	Limited Safety Benefit
10	2	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
10	3	Hillsborough, Florida	Highway-rail collision/impact	Limited Safety Benefit
10	5	San Francisco, California	Other	Limited Safety Benefit
10	6	St Louis City, Missouri	Struck by on-track equipment	Limited Safety Benefit
10	6	Cumberland, North Carolina	Struck by on-track equipment	Limited Safety Benefit
10	6	Washington, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
10	7	Contra Costa, California	Slipped, fell, stumbled, other	Limited Safety Benefit
10	7	Passaic, New Jersey	Struck by on-track equipment	Limited Safety Benefit
10	7	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
10	8	Washtenaw, Michigan	Struck by on-track equipment	Limited Safety Benefit
10	8	Mesa, Colorado	Struck by on-track equipment	Limited Safety Benefit
10	10	Pima, Arizona	Struck by on-track equipment	Limited Safety Benefit
10	12	Bexar, Texas	Highway-rail collision/impact	Limited Safety Benefit
10	12	Monroe, New York	Shot	Limited Safety Benefit
10	12	Kittitas, Washington	Struck by on-track equipment	Limited Safety Benefit
10	13	New York, New York	Electrical shock from contact with 3rd rail, catenary, pantograph	Limited Safety Benefit
10	13	Hall, Nebraska	Highway-rail collision/impact	Limited Safety Benefit
10	13	McLennan, Texas	Struck by on-track equipment	Limited Safety Benefit
10	14	Marion, Oregon	Highway-rail collision/impact	Limited Safety Benefit
10	14	Sedgwick, Kansas	Struck by on-track equipment	Limited Safety Benefit
10	14	Mecklenburg, North Carolina	Struck by on-track equipment	Limited Safety Benefit
10	15	Lake, Indiana	Highway-rail collision/impact	Limited Safety Benefit
10	15	San Diego, California	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
10	15	Clackamas, Oregon	Struck by on-track equipment	Limited Safety Benefit
10	16	Platte, Missouri	Highway-rail collision/impact	Limited Safety Benefit
10	16	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
10	17	Big Horn, Montana	Struck by on-track equipment	Limited Safety Benefit
10	17	Clay, Minnesota	Struck by on-track equipment	Limited Safety Benefit
10	17	Pierce, Georgia	Struck by on-track equipment	Limited Safety Benefit
10	18	Hillsborough, Florida	Struck by on-track equipment	Limited Safety Benefit
10	18	Shelby, Missouri	Struck by on-track equipment	Limited Safety Benefit
10	18	Pima, Arizona	Struck by on-track equipment	Limited Safety Benefit
10	18	Stanislaus, California	Struck by on-track equipment	Limited Safety Benefit
10	20	Lancaster, Nebraska	Struck by on-track equipment	Limited Safety Benefit
10	20	King, Washington	Struck by on-track equipment	Limited Safety Benefit
10	20	New Haven, Connecticut	Struck by on-track equipment	Limited Safety Benefit
10	20	Wabaunsee, Kansas	Struck by on-track equipment	Limited Safety Benefit
10	20	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
10	20	Kern, California	Struck by on-track equipment	Limited Safety Benefit
10	21	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
10	21	Thurston, Washington	Struck by on-track equipment	Limited Safety Benefit
10	21	Sumter, Florida	Sudden/unexpected movement of vehicle	Limited Safety Benefit
10	23	Victoria, Texas	Highway-rail collision/impact	Limited Safety Benefit
10	23	Mercer, New Jersey	Highway-rail collision/impact	Limited Safety Benefit
10	24	Rapides, Louisiana	Struck by on-track equipment	Limited Safety Benefit
10	24	Broward, Florida	Struck by on-track equipment	Limited Safety Benefit
10	25	Klamath, Oregon	Aggravated pre-existing condition	Limited Safety Benefit
10	26	Ventura, California	Highway-rail collision/impact	Limited Safety Benefit
10	26	Santa Clara, California	Highway-rail collision/impact	Limited Safety Benefit
10	26	Norfolk, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
10	26	Harrison, Mississippi	Struck by on-track equipment	Limited Safety Benefit
10	26	Essex, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
10	28	Pierce, Washington	Struck by on-track equipment	Limited Safety Benefit
10	29	Tulare, California	Struck by on-track equipment	Limited Safety Benefit
10	29	Comal, Texas	Struck by on-track equipment	Limited Safety Benefit
10	30	Charleston, South Carolina	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
10	30	Wake, North Carolina	Struck by on-track equipment	Limited Safety Benefit
10	30	Pondera, Montana	Struck by on-track equipment	Limited Safety Benefit
10	30	Rapides, Louisiana	Struck by on-track equipment	Limited Safety Benefit
10	31	Clark, Nevada	Aggravated pre-existing condition	Limited Safety Benefit
10	31	Colfax, New Mexico	Slipped, fell, stumbled, other	Limited Safety Benefit
10	31	Cass, North Dakota	Struck by on-track equipment	Limited Safety Benefit
10	31	Norfolk, Massachusetts	Struck by on-track equipment	Limited Safety Benefit
11	1	Rowan, North Carolina	Struck by on-track equipment	Limited Safety Benefit
11	1	Hartford, Connecticut	Struck by on-track equipment	Limited Safety Benefit
11	1	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit
11	1	Bexar, Texas	Struck by on-track equipment	Limited Safety Benefit
11	2	King, Washington	Struck by on-track equipment	Limited Safety Benefit
11	3	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
11	4	Pierce, Washington	Highway-rail collision/impact	Limited Safety Benefit
11	4	Orange, Virginia	Struck by on-track equipment	Limited Safety Benefit
11	5	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
11	5	Will, Illinois	Struck by on-track equipment	Limited Safety Benefit
11	6	Multnomah, Oregon	Blowing/falling debris	Limited Safety Benefit
11	10	Christian, Kentucky	Struck by on-track equipment	Limited Safety Benefit
11	11	Broward, Florida	Struck by on-track equipment	Limited Safety Benefit
11	11	Sandoval, New Mexico	Struck by on-track equipment	Limited Safety Benefit
11	13	Palm Beach, Florida	Struck by on-track equipment	Limited Safety Benefit
11	14	Stanislaus, California	Highway-rail collision/impact	Limited Safety Benefit
11	14	De Kalb, Illinois	Highway-rail collision/impact	Limited Safety Benefit
11	14	King, Washington	Struck by on-track equipment	Limited Safety Benefit
11	14	Crisp, Georgia	Struck by on-track equipment	Limited Safety Benefit
11	14	Baker, Oregon	Struck by on-track equipment	Limited Safety Benefit
11	15	Weld, Colorado	Highway-rail collision/impact	Limited Safety Benefit
11	15	Duval, Florida	Struck by on-track equipment	Limited Safety Benefit
11	15	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
11	16	San Joaquin, California	Assaulted by other	Limited Safety Benefit
11	16	Windsor, Vermont	Highway-rail collision/impact	Limited Safety Benefit
11	16	Lake, Indiana	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
11	16	Nassau, New York	Other	Limited Safety Benefit
11	16	Tarrant, Texas	Other	Limited Safety Benefit
11	17	Nassau, New York	Highway-rail collision/impact	Limited Safety Benefit
11	17	Baltimore City, Maryland	Struck by on-track equipment	Limited Safety Benefit
11	17	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
11	17	San Joaquin, California	Struck by on-track equipment	Limited Safety Benefit
11	19	Contra Costa, California	Highway-rail collision/impact	Limited Safety Benefit
11	19	Burleson, Texas	Highway-rail collision/impact	Limited Safety Benefit
11	19	San Diego, California	Slack action, draft, compressive buff/coupling	Limited Safety Benefit
11	19	York, Maine	Struck by on-track equipment	Limited Safety Benefit
11	19	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
11	19	King, Washington	Struck by on-track equipment	Limited Safety Benefit
11	20	Bullitt, Kentucky	Struck by on-track equipment	Limited Safety Benefit
11	20	Defiance, Ohio	Struck by on-track equipment	Limited Safety Benefit
11	21	Yolo, California	Struck by on-track equipment	Limited Safety Benefit
11	22	Ramsey, Minnesota	Struck by on-track equipment	Limited Safety Benefit
11	23	Palm Beach, Florida	Highway-rail collision/impact	Limited Safety Benefit
11	23	Dallas, Texas	Other	Limited Safety Benefit
11	23	Bexar, Texas	Struck by on-track equipment	Limited Safety Benefit
11	23	Kern, California	Struck by on-track equipment	Limited Safety Benefit
11	23	Sacramento, California	Struck by on-track equipment	Limited Safety Benefit
11	24	Waukesha, Wisconsin	Highway-rail collision/impact	Limited Safety Benefit
11	24	Yolo, California	Struck by on-track equipment	Limited Safety Benefit
11	24	Collin, Texas	Struck by on-track equipment	Limited Safety Benefit
11	24	Baltimore, Maryland	Struck by on-track equipment	Limited Safety Benefit
11	24	Santa Clara, California	Struck by on-track equipment	Limited Safety Benefit
11	25	Tulare, California	Struck by on-track equipment	Limited Safety Benefit
11	26	Jackson, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
11	26	Boundary, Idaho	Struck by on-track equipment	Limited Safety Benefit
11	28	King, Washington	Struck by on-track equipment	Limited Safety Benefit
11	29	Johnson, Kansas	Struck by on-track equipment	Limited Safety Benefit
11	29	Broward, Florida	Struck by on-track equipment	Limited Safety Benefit
11	30	Miami-Dade, Florida	Struck by on-track equipment	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
11	30	Clark, Nevada	Struck by on-track equipment	Limited Safety Benefit
12	1	Ulster, New York	Highway-rail collision/impact	Limited Safety Benefit
12	1	Solano, California	Struck by on-track equipment	Limited Safety Benefit
12	1	Clark, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
12	1	Humboldt, Nevada	Struck by on-track equipment	Limited Safety Benefit
12	2	Palm Beach, Florida	Struck by on-track equipment	Limited Safety Benefit
12	2	Suffolk, New York	Struck by on-track equipment	Limited Safety Benefit
12	3	Dallas, Texas	Struck by on-track equipment	Limited Safety Benefit
12	4	Liberty, Texas	Highway-rail collision/impact	Limited Safety Benefit
12	4	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit
12	5	Val Verde, Texas	Slipped, fell, stumbled, other	Limited Safety Benefit
12	5	Orange, California	Struck by on-track equipment	Limited Safety Benefit
12	5	Coconino, Arizona	Struck by on-track equipment	Limited Safety Benefit
12	6	Philadelphia, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
12	6	Santa Fe, New Mexico	Struck by on-track equipment	Limited Safety Benefit
12	6	Philadelphia, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
12	7	Rensselaer, New York	Other	Limited Safety Benefit
12	7	Miami-Dade, Florida	Struck by on-track equipment	Limited Safety Benefit
12	8	Humboldt, Nevada	Slipped, fell, stumbled, other	Limited Safety Benefit
12	9	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit
12	10	San Diego, California	Highway-rail collision/impact	Limited Safety Benefit
12	10	Clark, Nevada	Slipped, fell, stumbled, other	Limited Safety Benefit
12	11	Orange, California	Struck by on-track equipment	Limited Safety Benefit
12	11	Broward, Florida	Struck by on-track equipment	Limited Safety Benefit
12	11	Tulare, California	Struck by on-track equipment	Limited Safety Benefit
12	12	Fresno, California	Struck by on-track equipment	Limited Safety Benefit
12	12	Palm Beach, Florida	Struck by on-track equipment	Limited Safety Benefit
12	13	Broward, Florida	Highway-rail collision/impact	Limited Safety Benefit
12	14	Washtenaw, Michigan	Struck by on-track equipment	Limited Safety Benefit
12	14	Roosevelt, Montana	Struck by on-track equipment	Limited Safety Benefit
12	14	Columbia, Florida	Struck by on-track equipment	Limited Safety Benefit
12	16	Cass, Michigan	Highway-rail collision/impact	Limited Safety Benefit
12	16	Kern, California	Highway-rail collision/impact	Limited Safety Benefit

Appendix B: 2021 Railroad Accidents Not Investigated (continued)

Month	Day	Accident Location	Accident Circumstances	Reason Not Investigated
12	16	Grimes, Texas	Slipped, fell, stumbled, other	Limited Safety Benefit
12	16	San Bernardino, California	Struck by on-track equipment	Limited Safety Benefit
12	16	Linn, Oregon	Struck by on-track equipment	Limited Safety Benefit
12	17	Broward, Florida	Highway-rail collision/impact	Limited Safety Benefit
12	17	Cleveland, Arkansas	Struck by on-track equipment	Limited Safety Benefit
12	18	Stanislaus, California	Highway-rail collision/impact	Limited Safety Benefit
12	18	Madera, California	Struck by on-track equipment	Limited Safety Benefit
12	18	Monroe, New York	Struck by on-track equipment	Limited Safety Benefit
12	18	Winnebago, Wisconsin	Struck by on-track equipment	Limited Safety Benefit
12	19	Duval, Florida	Other	Limited Safety Benefit
12	19	Fulton, Georgia	Other	Limited Safety Benefit
12	19	Bell, Texas	Struck by on-track equipment	Limited Safety Benefit
12	19	Bexar, Texas	Struck by on-track equipment	Limited Safety Benefit
12	20	Allegheny, Pennsylvania	Struck by on-track equipment	Limited Safety Benefit
12	21	Nassau, New York	Struck by on-track equipment	Limited Safety Benefit
12	21	Box Elder, Utah	Struck by on-track equipment	Limited Safety Benefit
12	22	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
12	23	Glacier, Montana	Struck by on-track equipment	Limited Safety Benefit
12	23	Reeves, Texas	Struck by on-track equipment	Limited Safety Benefit
12	24	Dallas, Texas	Other	Limited Safety Benefit
12	26	Calhoun, Michigan	Struck by on-track equipment	Limited Safety Benefit
12	26	Los Angeles, California	Struck by on-track equipment	Limited Safety Benefit
12	27	Essex, Massachusetts	Highway-rail collision/impact	Limited Safety Benefit
12	27	Santa Barbara, California	Struck by on-track equipment	Limited Safety Benefit
12	27	Orange, California	Struck by on-track equipment	Limited Safety Benefit
12	27	Jackson, Mississippi	Struck by on-track equipment	Limited Safety Benefit
12	27	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
12	28	Riverside, California	Struck by on-track equipment	Limited Safety Benefit
12	30	Ouachita, Louisiana	Collision/impact - auto, truck, bus, van, other	Limited Safety Benefit
12	30	Orange, Florida	Other	Limited Safety Benefit
12	30	Miami-Dade, Florida	Struck by on-track equipment	Limited Safety Benefit
12	30	Oklahoma, Oklahoma	Struck by on-track equipment	Limited Safety Benefit
12	31	Cook, Illinois	Caught in or crushed by materials	Limited Safety Benefit

Appendix C: Accident Investigations Taking Longer than 12 Months

Title 49 U.S.C. 1116(c)(6) requires that the agency provide annually “a list of ongoing investigations that have exceeded the expected time allotted for completion by Board order and an explanation for the additional time required to complete each such investigation.” Current Board order specifies 12 months for completion.

Mode	Date	Location	Reason Not Completed	Adoption Date
Aviation	12/27/2019	Lihue, Hawaii	Prioritization of resources	
Aviation	12/28/2019	Lafayette, Louisiana	Prioritization of resources	
Highway	12/10/2020	Searchlight, Nevada	Delayed launch due to COVID-19; prioritization of resources	
Highway	10/27/2020	Decatur, Tennessee	Prioritization of resources	
Highway	7/1/2020	North Charleston, South Carolina	Prioritization of resources	
Highway	6/12/2020	Arlington, Wisconsin	Delays due to COVID-19 restrictions; prioritization of resources	
Highway	2/22/2020	Pala Mesa, California	Prioritization of resources	
Highway	1/5/2020	Mt. Pleasant, Pennsylvania	Technical complexity	3/9/2022
Marine	11/23/2020	20 nm north of Provincetown, Massachusetts	Technical complexity; USCG Marine Board delay due to COVID-19; NTSB contracted dive to vessel and underwater survey	
Marine	12/24/2020	Yabucoa, Puerto Rico	Technical complexity; vessel salvage; delay due to COVID-19	2/6/2022
Marine	1/7/21	South Pass 83, Louisiana	Prioritization of resources; delay due to COVID-19	
Marine	1/13/21	Slidell, Louisiana	Prioritization of resources; delay due to COVID-19	1/13/2022
Railroad	2/7/2019	Baltimore, Maryland	Prioritization of resources	
Railroad	8/22/2019	Sacramento, California	Prioritization of resources	
Railroad	2/13/2020	Draffin, Kentucky	Prioritization of resources	
Railroad	7/29/2020	Tempe, Arizona	Prioritization of resources	
Railroad	10/12/2020	Richmond, Virginia	Prioritization of resources	
Railroad	11/17/2020	Prichard, Alabama	Prioritization of resources	
Railroad	12/23/2020	Tupelo, Mississippi	Prioritization of resources	
Pipeline	8/1/2019	Danville, Kentucky	Prioritization of resources	
Pipeline	5/4/2020	Hillsboro, Kentucky	Prioritization of resources	
Hazardous Materials	4/25/2019	Beach Park, Illinois	Prioritization of resources	



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