



U.S. Chemical Safety and
Hazard Investigation Board

Accidental Release Program

Dan Tillema | April 25, 2024

Accidental Release Events

Accidental Release Events							
Number	Incident Date	Company	City	State	Fatality	Serious Injury	Substantial Property Damage
372	2024-02-22	PBF Energy	Chalmette	Louisiana			✓
373	2024-02-23	Waste Connections	Castaic	California		✓	
374	2024-02-26	ExxonMobil	Baytown	Texas		✓	
375	2024-02-28	LyondellBasell	La Porte	Texas			✓
376	2024-02-29	Kinder Morgan	Fernley	Nevada			✓
377	2024-02-29	CSL Behring	Bradley	Illinois		✓	
378	2024-03-13	Sasol	Westlake	Louisiana			✓
379	2024-03-17	ExxonMobil	Baytown	Texas			✓
380	2024-03-20	Dominion Energy	American Fork	Utah	✓	✓	
381	2024-03-26	Flint Hills Resources	Corpus Christi	Texas			✓
382	2024-03-27	Smithfield Foods	Sioux Falls	South Dakota		✓	
383	2024-04-01	Phillips 66	Borger	Texas		✓	
384	2024-04-01	Kinder Morgan	Snyder	Texas			✓
385	2024-04-06	Nutrien	Warren	Indiana	✓		
386	2024-04-09	Montana Dakota Utilities	Rapid City	South Dakota	✓		
387	2024-04-09	Dow	Deer Park	Texas		✓	
388	2024-04-16	Targa Resources	Greenwood	Texas			✓
Totals					53	206	184

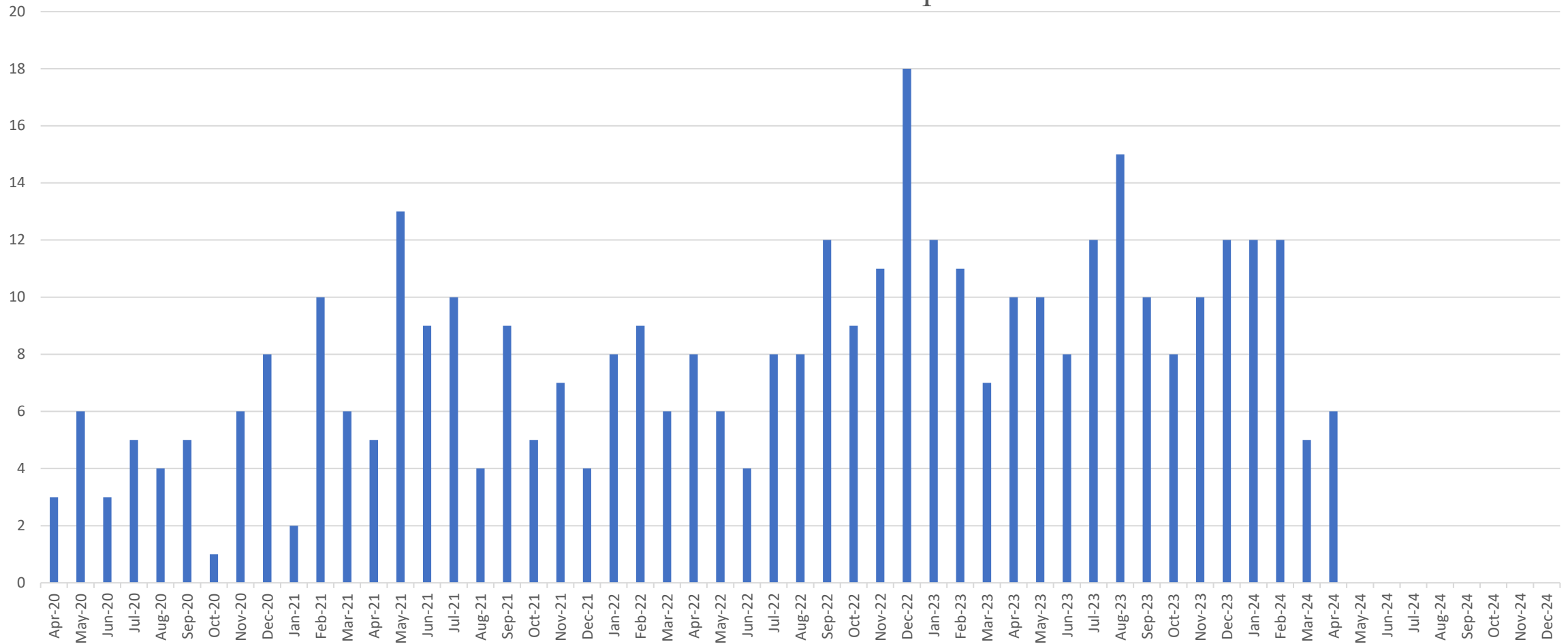
Accidental Release Events

Accidental Release Events
3-Month Moving Average



Accidental Release Events

Accidental Release Events per Month



Accidental Release Reporting

- 40 CFR Part 1604
- Effective March 23, 2020
- CSB Guidance Document issued in August 2022
- Legislative Authority: 42 USC § 7412(r)(6)
 - Investigate (or cause to be investigated),
 - Determine and report to the public in writing the facts, conditions, and circumstances, and the cause or probable cause of
 - Any accidental release
 - Resulting in a fatality, serious injury or substantial property damage

Legislative Authority 42 U.S. Code § 7412

(6) Chemical Safety Board

(A) There is hereby established an independent safety board to be known as the Chemical Safety and Hazard Investigation Board.

(B) The Board shall consist of 5 members, including a Chairperson, who shall be appointed by the President, by and with the advice and consent of the Senate. Members of the Board shall be appointed on the basis of technical qualification, professional standing, and demonstrated knowledge in the fields of accident reconstruction, safety engineering, human factors, toxicology, or air pollution regulation. The terms of office of members of the Board shall be 5 years. Any member of the Board, including the Chairperson, may be removed for inefficiency, neglect of duty, or malfeasance in office. The Chairperson shall be the Chief Executive Officer of the Board and shall exercise the executive and administrative functions of the Board.

(C) The Board shall-

(i) investigate (or cause to be investigated), determine and report to the public in writing the facts, conditions, and circumstances and the cause or probable cause of any accidental release resulting in a fatality, serious injury or substantial property damages;

(ii) issue periodic reports to the Congress, Federal, State and local agencies, including the Environmental Protection Agency and the Occupational Safety and Health Administration, concerned with the safety of chemical production, processing, handling and storage, and other interested persons recommending measures to reduce the likelihood or the consequences of accidental releases and proposing corrective steps to make chemical production, processing, handling and storage as safe and free from risk of injury as is possible and may include in such reports proposed rules or orders which should be issued by the Administrator under the authority of this section or the Secretary of Labor under the Occupational Safety and Health Act [29 U.S.C. 651 et seq.] to prevent or minimize the consequences of any release of substances that may cause death, injury or other serious adverse effects on human health or substantial property damage as the result of an accidental release; and

(iii) establish by regulation requirements binding on persons for reporting accidental releases into the ambient air subject to the Board's investigatory jurisdiction. Reporting releases to the National Response Center, in lieu of the Board directly, shall satisfy such regulations. The National Response Center shall promptly notify the Board of any releases which are within the Board's jurisdiction.

(D) The Board may utilize the expertise and experience of other agencies.

(E) The Board shall coordinate its activities with investigations and studies conducted by other agencies of the United States having a responsibility to protect public health and safety. The Board shall enter into a memorandum of understanding with the National Transportation Safety Board to assure coordination of functions and to limit duplication of activities which shall designate the National Transportation Safety Board as the lead agency for the investigation of releases which are transportation related. The Board shall not be authorized to investigate marine oil spills, which the National Transportation Safety Board is authorized to investigate. The Board shall enter into a memorandum of understanding with the Occupational Safety and Health Administration so as to limit duplication of activities. In no event shall the Board forego an investigation where an accidental release causes a fatality or serious injury among the general public, or had the potential to cause substantial property damage or a number of deaths or injuries among the general public.

Accidental Release Program

- Pathways
- Incident Reports
 - Determine and report to the public in writing the facts, conditions, and circumstances, and the cause or probable cause of ...
- Database
 - Accidental Release Report Information
 - Document Request Management
 - Investigation Summary



The screenshot displays the CSB Investigation Summary web application. The interface features a dark blue header with the CSB logo and the text "Investigation Summary" and "Investigation Lookup >>". Below the header, the main content area is divided into two columns. The left column contains input fields for "Investigation ID", "Event Date", "Event Time", "Company Name", "Facility City", and "Facility State", followed by a large text area for "Summary" and another for "Probable Cause". The right column contains a vertical stack of blue buttons: "Investigation Info", "Accidental Release Info", "Chemicals Released", "Mode of Operation", "Causal Factors", "PSM Causal Factors", "CCPS Causal Factors", "EPA Causal Factors", and "Report".