

Airlines Accidents by year in world:

Year	Fatal	Non-Fatal
2012	277	1210
2013	224	1009
2014	260	973
2015	232	995
2016	220	1068
2017	205	1042
2018	228	1066
2019	239	997
2020	210	888
2021	211	952

Airline Accidents by phase of flight in world

Approach:1385

Energy Descent:118

Enroute:1989

Initial Climb:1171

Landing:4032

Maneuvering: 1657

Post\_Impact:5

Standing:216

Takeoff:1475

Taxi:325

Uncontrolled Descent:14

Unknown:189

Airline Accidents by event type in world

Defining Event	Injury Level	Count of Accidents
Aerodrome	Fatal	1
Air Traffic Management	Non-Fatal	1
Air Traffic Management	Fatal	1
Cabin Safety Events	Fatal	1
Fire - Post-Impact	Non-Fatal	1
Glider Towing	Fatal	1
Medical Event	Non-Fatal	2
Security Related	Non-Fatal	2
Simulated/training event	Fatal	2
Undershoot/Overshoot	Fatal	2
Navigation Error	Fatal	3
Ground Collision	Fatal	4
Runway Incursion - Vehicle	Fatal	4
Icing	Fatal	5
Runway Incursion - Vehicle	Non-Fatal	5

Bird Strike	Fatal	6
Cabin Safety Events	Non-Fatal	6
Navigation Error	Non-Fatal	6
Security Related	Fatal	6
External Load	Fatal	7
Loss of Lift	Fatal	7
Glider Towing	Non-Fatal	8
Runway Excursion	Fatal	8
Icing	Non-Fatal	9
Medical Event	Fatal	9
Simulated/training event	Non-Fatal	9
External Load	Non-Fatal	11
Ground Handling	Fatal	12
Turbulence Encounter	Fatal	12
Aerodrome	Non-Fatal	13
Fire - Non-Impact	Fatal	14
Windshear/Thunderstorm	Fatal	17
Abnormal Runway Contact	Fatal	18
Loss of Control on Ground	Fatal	21
Turbulence Encounter	Non-Fatal	28
Windshear/Thunderstorm	Non-Fatal	30
Collision on Takeoff or Landing	Fatal	33
Abrupt Maneuver	Fatal	39
Ground Handling	Non-Fatal	42
Wildlife Encounter	Non-Fatal	46
Unintended Flight Into IMC	Non-Fatal	47
Abrupt Maneuver	Non-Fatal	53
Fire - Non-Impact	Non-Fatal	62
Midair	Fatal	68
Bird Strike	Non-Fatal	69
Midair	Non-Fatal	74
Low Altitude Operation	Fatal	86
System/Component Failure - Non-power	Fatal	86
Other	Fatal	91
Fuel Related	Fatal	94
Loss of Lift	Non-Fatal	104
Unintended Flight Into IMC	Fatal	113
Undershoot/Overshoot	Non-Fatal	142
Unknown	Non-Fatal	155
Controlled Flight Into Terrain	Non-Fatal	156

Controlled Flight Into Terrain	Fatal	167
Low Altitude Operation	Non-Fatal	173
Unknown	Fatal	184
Ground Collision	Non-Fatal	197
System/Component Failure - Powerplant	Fatal	214
Runway Excursion	Non-Fatal	278
Collision on Takeoff or Landing	Non-Fatal	290
Other	Non-Fatal	334
System/Component Failure - Non-power	Non-Fatal	459
Fuel Related	Non-Fatal	714
Loss of Control In-Flight	Fatal	976
Loss of Control In-Flight	Non-Fatal	1,256
Abnormal Runway Contact	Non-Fatal	1,590
System/Component Failure - Powerplant	Non-Fatal	1,836
Loss of Control on Ground	Non-Fatal	2,022

Country	Count	Sum of FatalInjuries	Sum of SeriousInjuries
Afghanistan	1		
American Samoa	1	2	
Argentina	2	4	
Australia	2	3	1
Austria	5	8	2
Bahamas	22	52	0
Belgium	3	7	
Bermuda	1		
Brazil	2	4	1
British Virgin Islands	1	1	
Canada	12	25	2
Chile	1	1	
China	2	2	
Colombia	3	5	1
Congo	1	4	
Czech Republic	1	1	
Dominican Republic	6	12	1
El Salvador	2	5	3
France	22	31	5
Germany	14	16	2
Greenland	1	1	
Guadeloupe	2		
Guatemala	8	11	1
Guyana	1	2	

Haiti	1	6	
Honduras	2	5	
Hungary	2		
Iceland	2	4	3
Iraq	1		
Ireland	3	2	
Israel	1		
Italy	5	5	2
Jamaica	1	3	
Japan	4	2	
Kiribati	2	1	1
Lithuania	1	1	
Malaysia	1	3	
Marshall Islands	1		
Mexico	21	31	12
Netherlands	1		
Netherlands Antilles	1		
New Zealand	2	2	
Northern Mariana Islands	1		
Papua New Guinea	1	1	1
Peru	1	2	
Poland	2	11	3
Qatar	1	1	
Romania	1	1	1
Russia	1		
Saudi Arabia	1	1	
Singapore	1		
Slovenia	1	4	
South Africa	2	1	
Spain	3	5	
Sweden	2		
Switzerland	4	3	
Turks And Caicos Islands	1	0	1
United Arab Emirates	1		2
United Kingdom	12	11	1
United States	12157	3510	2170
Unknown	4	2	
Venezuela	3	2	

Road Accidents in united states

Row Labels	Total Fatal Crashes	Total Killed	Grand Total
2012	31006	33782	64788
2013	30202	32893	63095
2014	30056	32744	62800
2015	32538	35484	68022
2016	34748	37806	72554
2017	34560	37473	72033
2018	33919	36835	70754
2020	35935	39007	74942
2021	39508	42939	82447

### Airline Travel: A Safe Mode of Transportation

Amidst recent negative media coverage on airline safety, examining the facts and statistics is crucial to present a comprehensive view of the matter. Analyzing data from the Fatality Analysis Reporting System (FARS) by the National Highway Traffic Safety Administration (NHTSA) and the Airline Safety dataset, it becomes evident that airline travel remains a remarkably safe mode of transportation.

Over the years, the number of airline accidents has consistently remained low. Global airline accidents from 2012 to 2021 ranged from 205 to 277 fatal and 888 to 1210 non-fatal accidents per year. These figures indicate a relatively small number of incidents compared to the vast number of flights that occur annually.

Analyzing airline accidents by phase of flight reveals that most incidents occur during landing (4032 accidents), followed by enroute (1989 accidents) and takeoff (1475 accidents). This data suggests that airlines prioritize safety protocols during critical phases of flight, ensuring passenger well-being.

Comparing these statistics with road accidents in the United States further highlights air travel safety. In 2021 alone, 39,508 fatal road crashes resulted in 42,939 deaths. These figures are significantly higher than the number of airline accidents and fatalities during the same period. These statistics demonstrate that airline travel offers a level of safety that surpasses other modes of transportation; over the years, Airline travel has remained one of the safest ways to reach our destinations securely and efficiently.

By presenting these compelling statistics to the public, we can counter the negative narrative and instill confidence in the aviation industry.

In conclusion, the data from FARS and the Airline Safety dataset indicate that airline travel is a safe mode of transportation. With fewer accidents and fatalities compared to other forms of travel, the aviation industry's commitment to safety is evident. These facts should reassure stakeholders and the public, emphasizing the reliability and security of air travel.