

表2-7 臺灣鐵路管理局行車事故原因及傷亡人數

單位：件；人

| 年（月）別 Year and Month | 事故件數 Accidents | | | 事故原因 Causes | | | | |
|------------------------------------|-------------------|------------------------------|----------------------------------|--|-----------------------------------|-------------------------------|--------------------------------|-----------------------|
| | 總計 Grand Total | 有責任 Operational Accidents | 無責任 Non Operational Accidents | 電力機車故障 Electric Locomotive Failures | 柴電機車故障 Electric Diesel Trouble | 電車故障 Electric Car Failures | 客車故障 Passenger Car Failures | 路線故障 Line Failures |
| | 98年 2009 | 800 | 43 | 757 | 122 | 23 | 122 | 18 |
| 99年 2010 | 853 | 37 | 816 | 133 | 30 | 142 | 13 | 23 |
| 100年 2011 | 812 | 34 | 778 | 101 | 28 | 146 | 23 | 24 |
| 較上月% VS. Last Month | -4.81 | -8.11 | -4.66 | -24.06 | -6.67 | 2.82 | 76.92 | 4.35 |
| 較上年同月% VS. Same Month Last Year | -4.81 | -8.11 | -4.66 | -24.06 | -6.67 | 2.82 | 76.92 | 4.35 |
| 本年累計% Accumulate Jan. to Date | -4.81 | -8.11 | -4.66 | -24.06 | -6.67 | 2.82 | 76.92 | 4.35 |

說明：1. 本表自107年1月起新增死傷事故。

2. 事故原因之「死亡事件」及「受傷事件」係指因民眾行走鐵路路線、強越平交道、跨越鐵路路線、由車廂顛落、列車未停跳車等致死傷者之事件。

資料來源：臺灣鐵路管理局。

Table 2-7 Accidents of Taiwan Railways Administration by Causes

Unit : Event ; Person

| 事 故 原 因 Causes | | | | | | 傷 亡 人 數 Casualties | | |
|-------------------|-----------------|-----------------|----------------------|--------------------|--------|-----------------------|----------|---------|
| 列車 障礙 | 列車 妨礙 | 列車 延誤 | 死亡 事件 | 受傷 事件 | 其 他 | 總 計 | 死 亡 | 受 傷 |
| Trains Hazard | Trains Cramp | Late Arrival | Fatality Accident | Injury Accident | Others | Grand Total | Fatality | Injured |
| 39 | 71 | 40 | 54 | 41 | 253 | 119 | 58 | 61 |
| 41 | 47 | 48 | 52 | 24 | 300 | 114 | 66 | 48 |
| 28 | 44 | 48 | 53 | 14 | 303 | 87 | 65 | 22 |
| -31.71 | -6.38 | 0.00 | 1.92 | -41.67 | 1.00 | -23.68 | -1.52 | -54.17 |
| -31.71 | -6.38 | 0.00 | 1.92 | -41.67 | 1.00 | -23.68 | -1.52 | -54.17 |
| -31.71 | -6.38 | 0.00 | 1.92 | -41.67 | 1.00 | -23.68 | -1.52 | -54.17 |

Note : 1.Since Jan. 2018, this table added the casualties accident.
 2."Fatality Accident" and "Injury Accident" indicate the accidents with death or injury caused by people walking along railroad route, running the level crossing against signals, crossing railroad route, falling from the train, jumping from the operating train etc..

Source : Taiwan Railways Administration

表2-7 臺灣鐵路管理局行車事故原因及傷亡人數(續)

單位：件；人

| 年 (月) 別 Year and Month | 事故件數 Accidents | | | 事故原因 Causes | | | | |
|------------------------------------|-------------------|------------------------------|----------------------------------|-------------------------------|---------------------------------|----------------------------------|-------------------------------------|--------------------------------|
| | 總計 Grand Total | 有責任 Operational Accidents | 無責任 Non Operational Accidents | 重大行車事故 Major Traffic Accident | | | | |
| | | | | 計 Count | 正線 衝撞 Main Line Collision | 正線 出軌 Main Line Derailment | 正線 火災 Main Line Fire Disaster | 重大 死傷 Serious Casualties |
| 101年 2012 | 639 | 29 | 610 | 60 | — | 5 | — | 55 |
| 102年 2013 | 632 | 40 | 592 | 60 | 1 | 7 | — | 52 |
| 103年 2014 | 590 | 28 | 562 | 39 | — | 2 | — | 37 |
| 104年 2015 | 618 | 48 | 570 | 55 | — | 3 | — | 52 |
| 105年 2016 | 547 | 35 | 512 | 41 | 1 | 3 | — | 37 |
| 106年 2017 | 509 | 43 | 466 | 46 | — | 9 | — | 37 |
| 107年 2018 | 658 | 36 | 622 | 7 | — | 7 | — | — |
| 4月 Apr. | 37 | 4 | 33 | 1 | — | 1 | — | — |
| 5月 May | 51 | 4 | 47 | 2 | — | 2 | — | — |
| 6月 June | 52 | 2 | 50 | — | — | — | — | — |
| 7月 July | 62 | 7 | 55 | 1 | — | 1 | — | — |
| 8月 Aug. | 70 | 5 | 65 | — | — | — | — | — |
| 9月 Sept. | 58 | — | 58 | — | — | — | — | — |
| 10月 Oct. | 64 | — | 64 | 1 | — | 1 | — | — |
| 11月 Nov. | 53 | — | 53 | — | — | — | — | — |
| 12月 Dec. | 73 | — | 73 | — | — | — | — | — |
| 108年累計 2019 | 222 | — | 222 | 1 | — | 1 | — | — |
| 1月 Jan. | 60 | — | 60 | — | — | — | — | — |
| 2月 Feb. | 68 | — | 68 | — | — | — | — | — |
| 3月 Mar. | 54 | — | 54 | 1 | — | 1 | — | — |
| 4月 Apr. | 40 | — | 40 | — | — | — | — | — |
| 較上月% VS. Last Month | -25.93 | — | -25.93 | -100.00 | — | -100.00 | — | — |
| 較上年同月% VS. Same Month Last Year | 8.11 | -100.00 | 21.21 | -100.00 | — | -100.00 | — | — |
| 本年累計% Accumulate Jan. to Date | 26.86 | -100.00 | 41.40 | -66.67 | — | -66.67 | — | — |

資料來源：臺灣鐵路管理局。

Table 2-7 Accidents of Taiwan Railways Administration by Causes(Cont.)

Unit : Event ; Person

| 事故原因 Causes | | | | | | | | | | 傷亡人數 | | |
|---------------------------------|------------------------------------|--|---|---|--|----------------------|------------------------------------|--|---|----------------------|----------------|---------------|
| 一般行車事故 General Traffic Accident | | | | | | | | | 行車 異常 事件 Traffic Abnormal Events | Casualties | | |
| 計 Count | 死傷 事故 Casualties Accident | 側線 衝撞 Lateral Line Collision | 側線 出軌 Lateral Line Derailment | 側線 火災 Lateral Line Fire Disaster | 平交道 事故 Level Crossing Accident | 人員 受傷 Injuries | 設備 損害 Damage to Equipment | 運轉 中斷 Operation Discontinuity | | 總計 Grand Total | 死亡 Fatality | 受傷 Injured |
| 38 | — | 1 | 10 | — | 7 | 16 | 2 | 2 | 541 | 101 | 55 | 46 |
| 22 | — | 1 | 8 | — | 8 | 5 | — | — | 550 | 85 | 54 | 31 |
| 27 | — | 1 | 4 | — | 10 | 12 | — | — | 524 | 59 | 38 | 21 |
| 34 | — | 1 | 8 | — | 7 | 18 | — | — | 529 | 88 | 52 | 36 |
| 24 | — | — | 8 | — | 12 | 4 | — | — | 482 | 71 | 37 | 34 |
| 20 | — | — | 5 | — | 4 | 11 | — | — | 443 | 50 | 38 | 12 |
| 54 | 41 | — | 6 | — | 7 | — | — | — | 597 | 290 | 44 | 246 |
| 3 | 3 | — | — | — | — | — | — | — | 33 | 3 | 1 | 2 |
| 7 | 3 | — | 1 | — | 3 | — | — | — | 42 | 4 | 1 | 3 |
| 2 | 2 | — | — | — | — | — | — | — | 50 | 2 | — | 2 |
| 4 | 3 | — | 1 | — | — | — | — | — | 57 | 3 | 1 | 2 |
| 3 | 2 | — | 1 | — | — | — | — | — | 67 | 2 | 2 | — |
| 5 | 3 | — | 1 | — | 1 | — | — | — | 53 | 4 | 3 | 1 |
| 4 | 3 | — | 1 | — | — | — | — | — | 59 | 247 | 20 | 227 |
| 3 | 3 | — | — | — | — | — | — | — | 50 | 3 | 3 | — |
| 6 | 5 | — | 1 | — | — | — | — | — | 67 | 5 | 3 | 2 |
| 13 | 7 | — | 1 | — | 5 | — | — | — | 208 | 9 | 7 | 2 |
| 2 | 2 | — | — | — | — | — | — | — | 58 | 2 | 1 | 1 |
| 5 | 3 | — | 1 | — | 1 | — | — | — | 63 | 3 | 2 | 1 |
| 2 | — | — | — | — | 2 | — | — | — | 51 | 1 | 1 | — |
| 4 | 2 | — | — | — | 2 | — | — | — | 36 | 3 | 3 | — |
| 100.00 | — | — | — | — | 0.00 | — | — | — | -29.41 | 200.00 | 200.00 | — |
| 33.33 | -33.33 | — | — | — | — | — | — | — | 9.09 | 0.00 | 200.00-100.00 | — |
| -35.00 | -58.82 | — | — | — | 66.67 | — | — | — | 36.84 | -55.00 | -36.36 | -77.78 |

Source : Taiwan Railways Administration