

# **2004 Annual Reporting Data Key Findings**

*Note:* Five reporting periods are included here: 1999, 2000, 2001, 2002, 2003, and 2004. In 2000, the reporting of annual safety data greatly improved as a result of FTA outreach through audits, technical assistance and the SSO annual workshop.

**Ridership:**

**Annual Unlinked Passenger Trips by Mode: 1999 to 2004**

Mode	1999	2000	2001	2002	2003	2004
Heavy Rail	2,609,453,900	2,604,328,600	2,656,231,300	2,650,694,300	2,598,117,500	2,668,432,000
Light Rail	278,102,600	298,372,100	315,725,820	317,601,400	311,572,353	343,977,370
Other*	19,375,800	19,769,400	20,458,080	20,029,900	18,928,957	18,797,400
<b>Total</b>	<b>2,906,932,300</b>	<b>2,922,470,100</b>	<b>2,992,415,200</b>	<b>2,988,325,600</b>	<b>2,928,618,810</b>	<b>3,031,206,770</b>

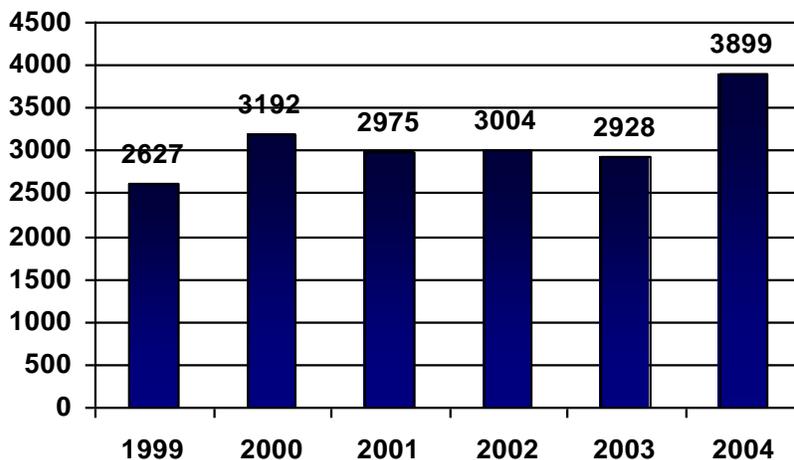
**Changes in Annual Unlinked Passenger Trips by Mode**

Mode	1999-'04	2000-'04	2001-'04	2002-'04	2003-'04
Heavy Rail	2.26%	2.46%	0.46%	0.67%	2.71%
Light Rail	23.69%	15.28%	8.95%	8.30%	10.40%
Other*	-2.99%	-4.92%	-8.12%	-6.15%	-0.70%
<b>Total</b>	<b>4.28%</b>	<b>3.72%</b>	<b>1.30%</b>	<b>1.43%</b>	<b>3.50%</b>

- Total rail transit ridership has increased between 1999 and 2004.
- Other rail ridership decreased for the third consecutive year.
- Light rail ridership increased by 10.4% from 2003 to 2004.

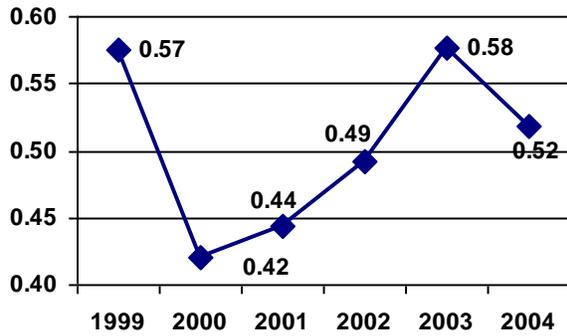
**Accidents:**

**Reported Accidents: 1999 to 2004**

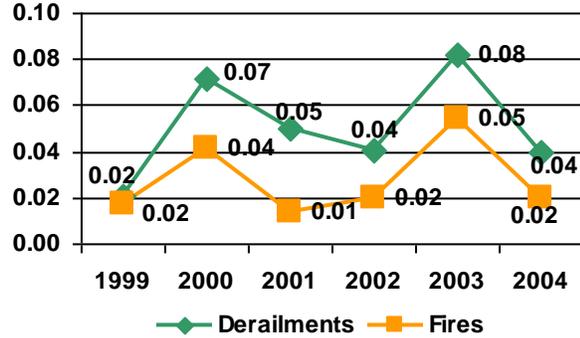


- Total rail transit accidents have increased between 1999 and 2004
- The large increase in 2004 can be attributed to an increase of over 1,000 “other” accidents, such as slips, trips, and falls.

**Collision Rates: 1999 to 2004, per 10M Passenger Trips**

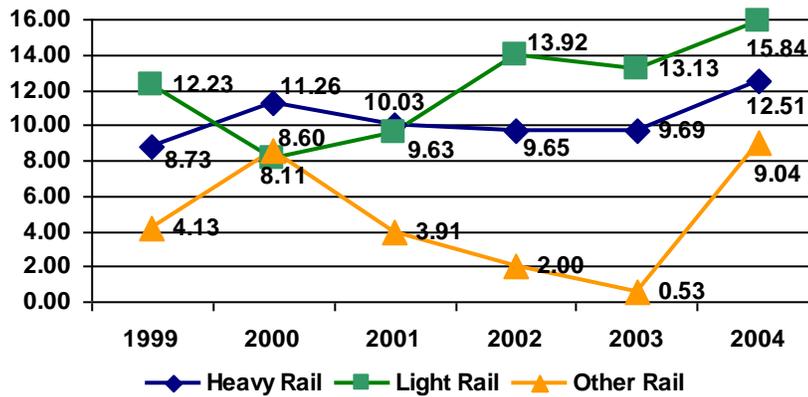


**Derailment and Fire Rates: 1999 to 2004, per 10M Passenger Trips**



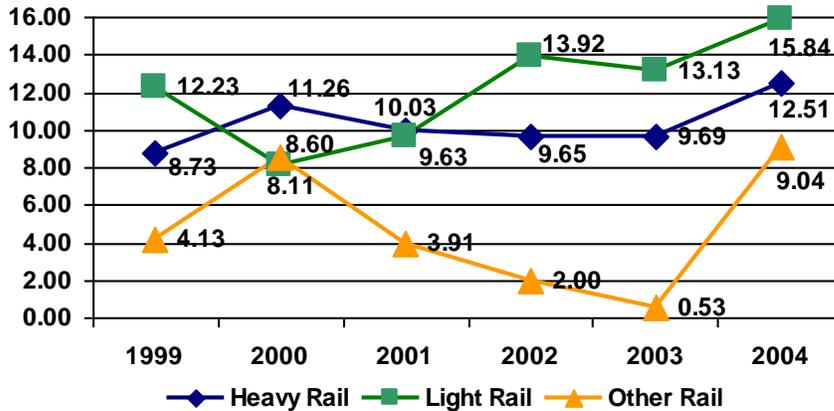
- The rail transit collision rate has decreased between 1999 and 2004.
- Derailment and fire rates both fell over 50% from 2003 to 2004.

**Reported Accident Rates by Mode: 1999 to 2003, per 10M Passenger Trips**



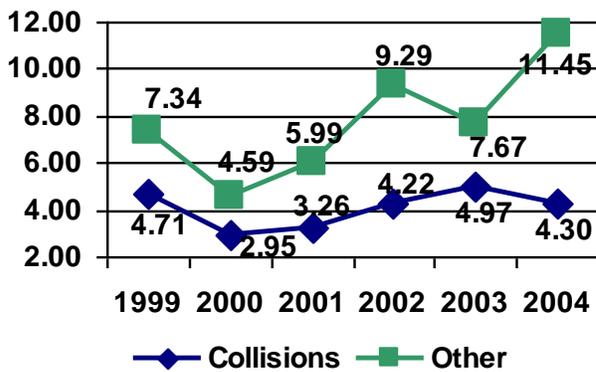
- The accident rates for all modes have increased between 1999 and 2004.

**Heavy Rail Accidents by Type: 1999 to 2003 per 10M Passenger Trips**



- The heavy rail collision rate has decreased since 1999
- The heavy rail derailment and fire rates have decreased from 2003 to 2004

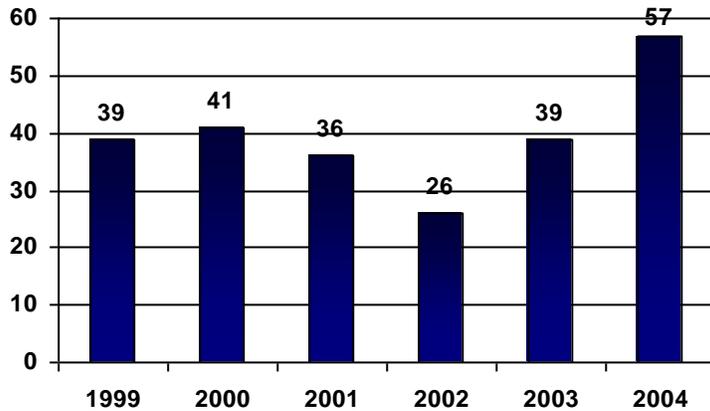
**Light Rail Collisions and “Other” Accidents: 1999 to 2003, per 10M Passenger Trips**



- The light rail collision rate has decreased from 1999.
- The light rail collision rate decreased in 2004 from 2003.

**Fatalities:**

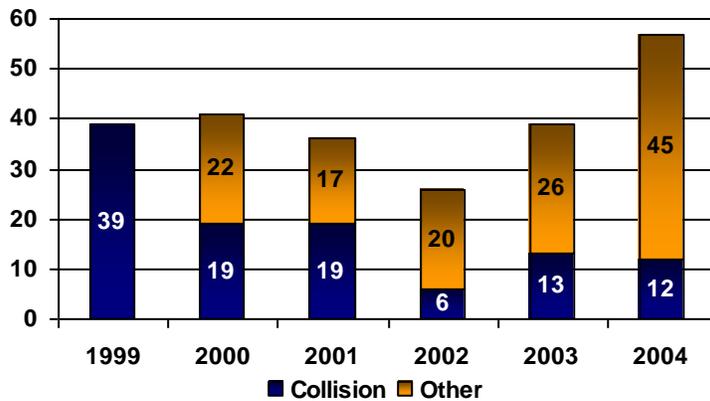
**Reported Fatalities\*: 1999 to 2003**



*\* excluding suicides and trespassing-related deaths*

- The fatalities reported in 2004 were the highest in the past six years. This total of 57 is higher than the average of 39.7.

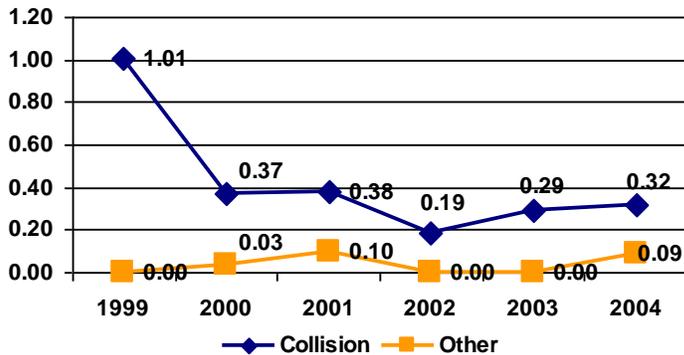
**Reported Fatalities\* by Type: 1999 to 2003**



*\* excluding suicides and trespassing-related deaths*

- Fatalities due to collisions have decreased between 1999 and 2004.
- Fatalities due to “Other” accidents have increased between 1999 and 2004.

**Light Rail Fatalities\*: 1999 to 2003, per 10M Passenger Trips**

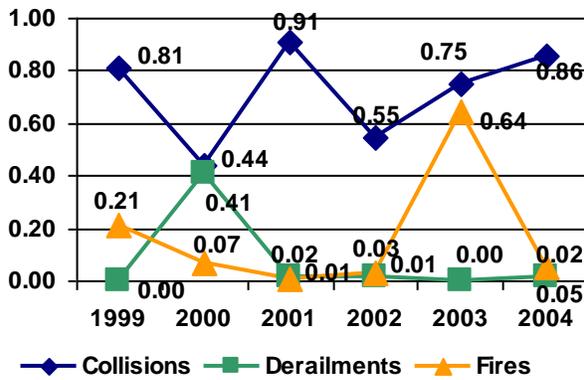


\*excluding suicides and trespassing-related deaths

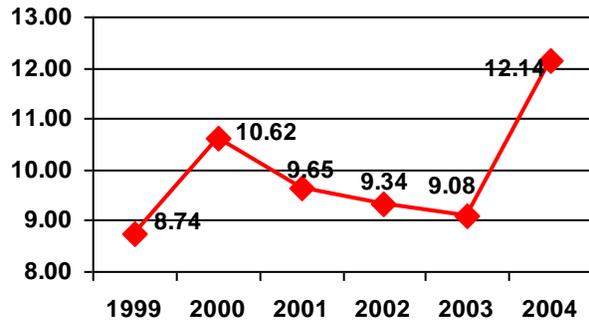
- The light rail collision fatality rate has decreased between 1999 and 2004
- The light rail other fatality rate has increased since 1999.

**Injuries:**

**Injury Rates by Type: 1999 to 2004**



**Reported Injuries due to "Other" Accidents: 1999 to 2004**

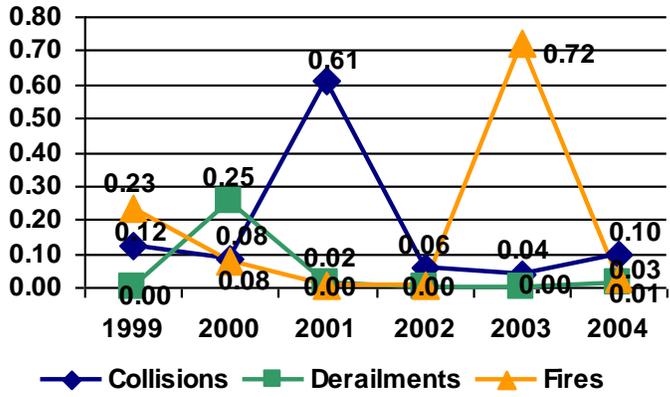


- The collision injury rate has remained relatively stable between 1999 and 2004.
- Injuries due to "Other" accidents increased in 2004 after a three-year decrease in reported injuries.

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**Heavy Rail Injuries by Type: 1999 to 2003 per 10M Passenger Trips**

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- The heavy rail collision and fire injury rates have decreased since 1999.
- The heavy rail derailment rate increased in 2004 after two consecutive years with no reported derailment-related injuries.