How severe are MCPS employee injuries/illnesses?

Injury/illness severity can be evaluated by looking at the number of cases resulting in lost workdays, job restrictions, and job transfer and the total number of lost workdays, days of job restriction, and days of job transfer.

DART (Days Away, Restricted, Transferred) Rate

- Total cases involving days away from work, days of restricted work activity, or job transfer per 100 full-time employees
  
  \[ \frac{\text{No. of lost workday, job transfer, or restriction cases} \times 200,000}{\text{Total hours worked by employees}} \]

Severity Rate

- Total lost workdays, days of restricted work activity, or job transfer per 100 full-time employees
  
  \[ \frac{\text{No. of lost workdays, days of job transfer, or restriction} \times 200,000}{\text{Total hours worked by employees}} \]

---

\(^1\) This represents the total hours worked in a calendar year by 100 full-time employees: 2,000 hours for 100 employees (2,000 \* 100 = 200,000).
What is MCPS’ DART Rate?

Systemwide DART Rate (CY22)

No. of lost workday, job transfer, or restriction cases * 200,000 / Total hours worked by employees =

421 cases * 200,000 / 37,133,914.52 = 2.3 cases

2.3 lost workday, job transfer, or restriction cases per 100 full-time employees
What is MCPS’ Severity Rate?

Systemwide Severity Rate (CY22)

Total lost workdays, days of restricted work activity, or job transfer * 200,000 / Total hours worked by employees =

20,766 days * 200,000 / 37,133,914.52 = 111.8 days

111.8 lost workdays, restricted work activity days, or job transfer days per 100 full-time employees

This is equivalent to more than one lost workday, resulting from a work-related injury or illness, for every full-time employee.
How does MCPS compare to state and national averages?

Injury/Illness Severity and DART Rate

Comparison of MCPS and Average Maryland and U.S. Public School OSHA-Recordable Injury/Illness Severity

(CY12 – CY22)

<table>
<thead>
<tr>
<th>CY</th>
<th>Lost Workday Cases</th>
<th>Job Transfer, Restriction Cases</th>
<th>Lost Workdays</th>
<th>Days of Job Transfer, Restriction</th>
<th>Severity Rate (MCPS)</th>
<th>DART Rate (MCPS)</th>
<th>Average DART Rate (MD Public Schools)</th>
<th>Average DART Rate (U.S. Public Schools)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>250</td>
<td>6</td>
<td>9,173</td>
<td>95</td>
<td>57.3</td>
<td>1.8</td>
<td>1.8</td>
<td>1.6</td>
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<td>2013</td>
<td>294</td>
<td>1</td>
<td>12,620</td>
<td>18</td>
<td>76.2</td>
<td>1.8</td>
<td>1.8</td>
<td>1.6</td>
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<tr>
<td>2014</td>
<td>322</td>
<td>2</td>
<td>14,222</td>
<td>45</td>
<td>85.7</td>
<td>1.9</td>
<td>2.4</td>
<td>1.5</td>
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<tr>
<td>2015</td>
<td>307</td>
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<td>11,663</td>
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<td>71.2</td>
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<td>28,349</td>
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<tr>
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<td>3.2</td>
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<tr>
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<td>1.6</td>
<td>1.4</td>
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<td>4</td>
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<td>111.8</td>
<td>2.3</td>
<td>Not available yet</td>
<td>Not available yet</td>
</tr>
</tbody>
</table>

1 Severity Rate: the number of lost workdays, restricted work days, and job transfer days per 100 full-time employees. DART Rate: the number of lost workday, restricted work, and job transfer cases per 100 full-time employees. Updated 06/20/2023.

How does MCPS compare to state and national averages?

MCPS, Maryland Average, U.S. Average DART Rates (Public Elementary, Secondary Schools) (CY 2012 - CY 2022)

DART Rate (No. of lost workday, job transfer/restriction cases per 100 FTEs)

Calendar Year

DART - MCPS  DART - MD  DART - U.S.