

How severe are MCPS employee injuries and illnesses?

Occupational 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

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

Severity Rate

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

No. of lost workdays, days of job transfer, or restriction * 200,000 / 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 (CY23)

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

$$546 \text{ cases} * 200,000 / 36,746,443.26 = 3.0$$

3.0 lost workday, job transfer, or restriction cases per 100 full-time employees

What is MCPS' severity rate?

Systemwide Severity Rate (CY23)

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

$$24,400 \text{ days} * 200,000 / 36,746,443.26 = 132.8$$

132.8 lost workdays, restricted work activity days, and job transfer days per
100 full-time employees

How does MCPS' injury/illness severity compare to state and national averages?

Comparison of MCPS and Average Maryland and US Public School OSHA-Recordable Injury/Illness Severity (CY12 – CY23) ¹								
CY	Lost Workday Cases	Job Transfer, Restriction Cases	Lost Workdays	Days of Job Transfer, Restriction	Severity Rate (MCPS)	DART Rate (MCPS)	Avg DART (MD Public Schools) ²	Avg DART (US Public Schools) ²
2012	250	6	9,173	95	57.3	1.8	1.8	1.6
2013	294	1	12,620	18	76.2	1.8	1.8	1.6
2014	322	2	14,222	45	85.7	1.9	2.4	1.5
2015	307	0	11,663	0	71.2	1.9	2.0	1.9
2016	367	0	9,856	0	58.5	2.2	1.9	1.5
2017	441	1	14,908	105	85.5	2.5	2.3	1.5
2018	627	1	28,349	182	164.4	3.6	2.6	1.8
2019	674	1	34,926	69	195.3	3.8	3.2	1.6
2020	208	2	8,548	39	47.8	1.2	0.7	0.9
2021	340	2	13,730	163	73.3	1.8	1.6	1.4
2022	420	3	20,340	252	110.9	2.3	2.8	1.6
2023	543	3	24,341	59	132.8	3.0	Not available yet	Not available yet

¹ Severity Rate: the number of lost workdays, restricted workdays, and job transfer days per 100 full-time employees. DART Rate: the number of lost workday, restricted workday, and job transfer cases per 100 full-time employees. Updated 07/09/2024.

² NAICS 611100, Elementary and Secondary Schools, US Bureau of Labor Statistics data.