

**2020 Excavation
Stand-Down
Week
June 15-19**



MICHIGAN DEPARTMENT OF
**LABOR & ECONOMIC
OPPORTUNITY**

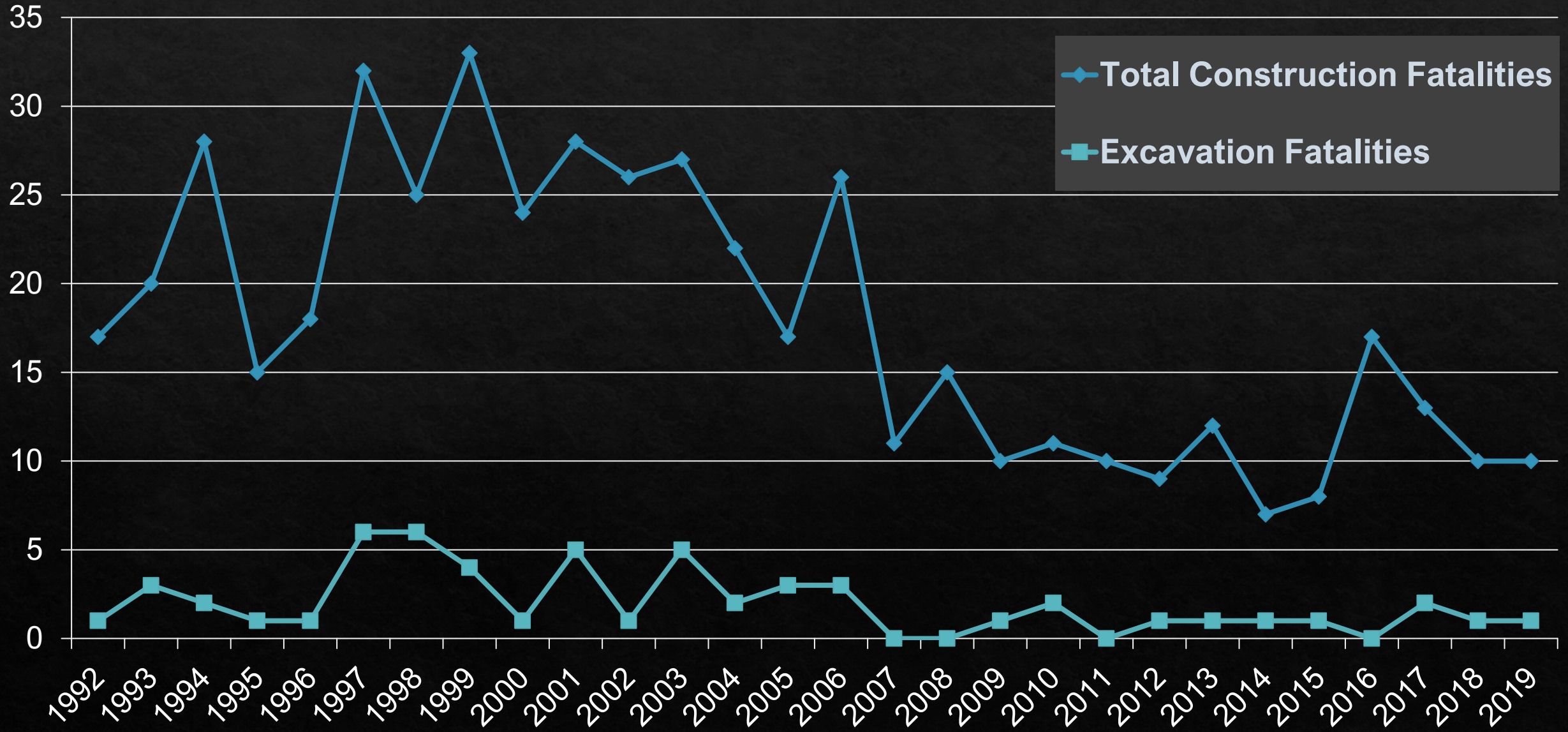


SLOPE IT



Michigan Trench Cave In Fatalities

1992 - 2019



Excavation By The Numbers

All are associated with top violations of
Part 9. Excavation, Trenching, and Shoring

1-Qualified Person

2-Spoil Piles

3-MISS DIG

4-Access/Egress

5-Cave-In Protection



1 – Qualified Person

- ◆ **Rule 408.40932(4)** An ongoing inspection of an excavation or trench shall be made by **a qualified person**. After every rainstorm or other hazard-producing occurrence, an inspection shall be made by a qualified employee for evidence of possible slides or cave-ins. Where these conditions are found, all work shall cease until additional precautions, such as additional shoring or reducing the slope, have been accomplished.



2 – Spoil Piles

- ◆ **Rule 408.40933(2)** An excavation that an employee is required to enter shall have excavated and other material stored and retained not less than **2 feet** from the excavation edge.



3 – MISS DIG 811

- ◆ **Rule 408.40931(1)** An employer shall not excavate in a street, highway, public place, a private easement of a public utility, or near the location of a public utility facility owned, maintained, or installed on a customer's premises, without having first ascertained the location of all underground facilities of a public utility in the proposed area of excavation.
- ◆ **Public Act 174** Prior to excavation the MISS DIG system must be contacted at least **3 Days** in advance of construction.



4 – Access/Egress

- ◆ **Rule 408.40933(4)** An excavation **4 feet** or more in depth and occupied by an employee shall be provided with either a ladder or with a ramp. Lateral travel along the wall of a trench to a ladder or other means of egress shall not exceed 25 feet.



5 – Cave In Protection

- ◆ **Rule 408.40941(1)** The side of an excavation more than **5 feet** deep shall be sloped as prescribed in table 1, unless supported as prescribed in this part.

Resource Links

[MIOSHA](#)

[MISS DIG 811](#)

[OSHA](#)

[NUCA](#)

