



Reporting Out of Range Temperatures in Refrigerator

Below is a guide detailing when to report Out of Range (OOR) temperatures and Excursion temperatures. Please refer to [MA Vaccine Program Guidelines for Reporting Out-of-Range-Temperatures](#) policy for further details.

2°C - 8°C

The temperature range within which vaccines are safely stored during routine operations in a refrigerator. Refrigerators should maintain temperatures between 2° C and 8° C (36° F and 46° F).

**Below 2°C
Above 8°C**

Monitor the unit closely if temperature drop below 2°C or above 8° C.

Submit a TempX form in MIIIS if temperature:

1. Reaches above +8°C or below +2°C for a cumulative duration of 30 minutes or more within a 24-hour period. *

**Below 0°C
Above 25°C**

Submit a TempX form in MIIIS immediately if temperature:

1. Reaches +25°C or above, regardless of duration.
2. Drops to 0°C, regardless of duration.

** Open MDV are non-viable after falling below +2°C for any duration or above +8°C for over 30 minutes cumulatively*

Vaccine Program ☎ (617)983-6828 ✉ dph-vaccine-management@mass.gov



Reporting Out of Range Temperatures in Freezer

Below is a guide detailing when to report Out of Range (OOR) temperatures and Excursion temperatures. Please refer to [MA Vaccine Program Guidelines for Reporting Out-of-Range-Temperatures](#) policy for further details.

**-50° C -
-15° C**

The temperature range within which vaccines are safely stored during routine operations in a freezer. Freezers should maintain temperatures between -50° C and -15° C (-58° F and +5° F).

Above -15°C

Monitor the unit closely if temperature reaches above -15° C.

Submit a TempX form in MIIS if temperature:

1. Reaches above -15° C for a cumulative duration of 30 minutes or more within a 24-hour period. *

**Above 0°C
Below -50°C**

Submit a TempX form in MIIS immediately if temperature:

1. Reaches 0°C or above, regardless of duration.
2. Drops below -50°C, regardless of duration.

Vaccine Program ☎ (617)983-6828 ✉ dph-vaccine-management@mass.gov



Reporting Out of Range Temperatures in Ultra Cold Freezer

Below is a guide detailing when to report Out of Range (OOR) temperatures and Excursion temperatures. Please refer to [MA Vaccine Program Guidelines for Reporting Out-of-Range-Temperatures](#) policy for further details.

Below -50 °C

The temperature range within which vaccines are safely stored during routine operations in an ultra cold freezer. Ultra-Cold Freezers should maintain temperatures below -50° C (-58° F).

Above -50°C

Submit a TempX form in MIIIS immediately if temperature:

1. Reaches -50°C or above, regardless of duration.

Vaccine Program ☎ (617)983-6828 ✉ dph-vaccine-management@mass.gov