

Temperature Reporting Guide

REQUIREMENTS

As required by the Centers for Disease Control and Prevention (CDC) and Washington State Adult and Childhood Vaccine Programs, providers storing publicly supplied vaccine must follow certain rules for reviewing and recording the temperature readings in vaccine storage units daily. This helps to identify temperature excursions quickly so corrections can be made to prevent vaccine loss and avoid the need to revaccinate patients.

Providers have two options for documenting temperature readings:

Option 1: Handwrite on the WADOH [Paper Temperature Log](#). The log should be posted on each vaccine storage unit door or nearby in a readily accessible and visible location.

Option 2: Use a continuous temperature monitoring and recording system (TMS) or digital data logger (DDL) that electronically documents temperatures and staff readings. Providers must get pre-approval of reports before using this option.

Reporting Options

OPTION 1 – PAPER TEMPERATURE LOG

RECORDING REQUIREMENTS	SAMPLE TEMPERATURE LOG
<ul style="list-style-type: none"> Twice daily: Record current storage unit(s) temperatures on paper temperature log Once daily: Record the minimum and maximum temperatures of the storage unit(s) <p>Temperature Excursions</p> <ul style="list-style-type: none"> Submit via your REDCap portal after the excursion or when you submit your monthly temperature logs Follow the Vaccine Temperature Excursion Guide 	

OPTION 2 – TEMPERATURE MONITORING SYSTEM OR DIGITAL DATA LOGGER REPORTS

REPORTING REQUIREMENTS

- Once daily: Min/max manual temperature check
- Time and date of reading
- Name or initials of staff member who recorded the reading (manual audit)

Temperature Excursions

- Submit via your REDCap portal after the excursion or when you submit your monthly temperature logs
- Follow the [Vaccine Temperature Excursion Guide](#).

APPROVED REPORT FORMATS

Vaccine Storage Report Sensor Name: Fridge (DE4366-01) | Ref-Med PIN: #000000

VFC Report Med Fridge 01/01/2022 12:00:00 AM to 03/11/2022 11:59:59 PM

Reading

50
40
30
20
10

01/18/2022 08:30:00 AM 02/04/2022 05:10:00 PM 02/22/2022 03:10:00 AM

Temp Alarm Min Alarm Max Average

Daily Min/Max Temps

Date & Time

Day	Time	Initials	Alarms	Current Reading	Min Reading	Max Reading	Shots ID
Saturday, January 1, 2022	8:20:00 AM	JJP	No Alarms	36.599126 F	36.093776 F	38.500772 F	
Saturday, January 1, 2022	5:10:00 PM	Alex P	No Alarms	36.623192 F	36.250196 F	38.666318 F	
Sunday, January 2, 2022	8:00:00 AM	JJP	No Alarms	37.04432 F	36.322394 F	39.593462 F	
Sunday, January 2, 2022	4:45:00 PM	JJP	No Alarms	38.500772 F	36.514904 F	38.933744 F	
Monday, January 3, 2022	8:40:00 AM	JJP	No Alarms	38.067782 F	36.502862 F	38.933744 F	
Monday, January 3, 2022	5:05:00 PM	RF	No Alarms	38.105996 F	36.430682 F	38.870078 F	

Staff Name/Initials

Daily Temperature Verification Log January 2022

Site

Device Type

Device Name

Device Serial #

Report Generated

2/2/2022 10:15 AM

REFRIGERATOR

DAY	TIME	VERIFIER	CURRENT	MIN	MAX
1	6:12 am	AUTO	5.5	5.2	5.6
1	4:24 pm	AUTO	5.4	5.3	5.6
2	2:19 am	AUTO	5.3	5.2	5.6
2	4:34 pm	AUTO	5.4	5.3	5.6
3	7:30 am	Support, A.	5.0	4.6	5.6
3	2:03 pm	Support, A.	4.9	4.2	5.6
4	7:57 am	Jordan, B.	4.8	4.8	5.6
4	2:01 pm	Lytle, A.	5.5	4.9	5.8
5	7:29 am	Jordan, B.	4.9	4.8	5.3
5	2:01 pm	Jordan, B.	5.5	4.8	5.5
6	8:04 am	Jordan, B.	4.9	4.8	5.3
6	6:06 pm	Jordan, B.	5.4	4.8	5.4
7	7:22 am	Jordan, B.	4.9	4.8	5.3
7	3:07 pm	Jackson, e.	5.4	4.8	5.6
8	3:08 am	AUTO	5.0	4.6	5.3
8	9:13 pm	AUTO	4.8	4.8	5.3

FREEZER

CURRENT	MIN	MAX
-19.7	-22.3	-18.9
-22.1	-22.3	-18.8
-22.3	-22.3	-18.8
-22.1	-22.2	-18.5
-22.1	-22.7	-18.4
-22.0	-24.3	-18.6
-21.9	-22.0	-18.5
-20.8	-21.9	-18.2
-21.9	-22.0	-18.1
-20.7	-22.0	-18.1
-21.7	-21.9	-18.4
-21.7	-21.9	-18.1
-21.7	-21.7	-18.3
-21.3	-21.7	-17.8
-21.7	-21.9	-18.3
-21.9	-21.9	-18.4

Daily Mini/Max Temps

Date & Time

Staff Name/Initials

UNAPPROVED TEMPERATURE MONITORING REPORTS

MISSING REQUIREMENTS

- Name or initials of staff member who recorded the reading (manual audit)
- No min/max daily temperatures

SAMPLES OF UNAPPROVED REPORTS

Reading Date	Fahrenheit(°F)	Comments
9/20/2021 8:17:35 AM	36.6	
9/20/2021 8:22:35 AM	36.6	
9/20/2021 8:27:35 AM	36.8	
9/20/2021 8:32:35 AM	37.0	
9/20/2021 8:37:35 AM	37.2	
9/20/2021 8:42:35 AM	37.5	
9/20/2021 8:47:35 AM	37.8	
9/20/2021 8:52:35 AM	38.1	
9/20/2021 8:57:35 AM	38.4	
9/20/2021 9:02:35 AM	38.8	
9/20/2021 9:07:35 AM	39.0	

Alarm Status Lower <input checked="" type="checkbox"/> OK Upper <input checked="" type="checkbox"/> OK	Recorder Info Serial #: 7862905754 Model: VFC400-3 Battery: OK Trip #: 5 Description: freezer
Recorder Configuration Start type: Push button start Start delay: None Interval: 5 Minutes Alert indicator: Enabled lower & upper Temperature alarms Lower: -40.0 °C Upper: -15.0 °C	
Recorded Data First reading: 03-Dec-20 16:15:26 Last reading: 09-Dec-20 11:20:26 Elapsed time: 5 Days 19 Hours 10 Minutes Total readings: 1670 First evaluated: 03-Dec-20 16:15:26 Last evaluated: 09-Dec-20 11:20:26 Evaluated Time: 5 Days 19 Hours 10 Minutes Evaluated Readings: 1670 Temperature statistics Lowest: -20.1 °C @ 08-Dec-20 19:25:26 Highest: -18.4 °C @ 04-Dec-20 00:05:26 Average reading: -19.3 °C Standard Deviation: 0.5 °C(S) MKT(AH 83.144): -19.2 °C	
Lower Alarm Triggered: (none) Time below/equal: (none) Occurrences: 0 °C - Minutes below: 0.00	Upper Alarm Triggered: (none) Time above/equal: (none) Occurrences: 0 °C - Minutes above: 0.00

Staff Name/Initials

Daily Min/Max Temps

Date & Time

FREQUENTLY ASKED QUESTIONS

Why are we required to do daily temperature checks?

Monitoring vaccine storage equipment and temperatures are daily responsibilities to ensure the viability of your vaccine supply and the safety of your patients. Implementing routine monitoring activities can help you identify temperature excursions quickly and take immediate action to correct them, preventing loss of vaccines and the potential need for revaccination of patients.

When do we submit our monthly temperature logs/reports?

Temperature logs/summary reports are due at the end of each month. Submitting reports in a timely manner is a requirement of participation in the Childhood and Adult Vaccine Programs.

How do we get approval to begin submitting DDL/TMS reports?

To be considered for approval, DDL and TMS summary reports must contain the following as required by CDC's Vaccines for Children and Adult Program:

- Min/max temperature check once per day
- Time and date of reading
- Name or initials of staff member who recorded the reading (manual audit)

Providers wishing to obtain approval must submit a copy of their report to the relevant program at either WACHildhoodVaccines@doh.wa.gov or WAAAdultVaccines@doh.wa.gov for review.

Can we submit TMS summary reports?

No, TMS summary reports (previously accepted by the COVID-19 program) do not meet the requirements of the Childhood or Adult Vaccine Programs.

Once approved, how do we submit our DDL/TMS reports?

Monthly reports can be submitted using the same process as your monthly temperature logs through your REDCap portal.

Which DDL/TMS units meet the reporting criteria?

We are reviewing and approving all reports on a case-by-case basis. All systems have different software and reporting capabilities. If you are unsure if your unit meets the criteria, please contact the device/software manufacturer or your IT department.

Can we add staff initials after we have printed the monthly DDL/TMS report?

No, this does not meet the Childhood or Adult Vaccine Program reporting criteria. The Childhood Vaccine Program (CVP) is grant funded through the CDC Vaccines for Children Program and requires a daily, manual audit with the name or initials of the person who assessed and recorded the reading. The Adult Vaccine Program mirrors the CVP requirement.

What if we can't meet the DDL/TMS reporting criteria?

Providers whose DDL or TMS reports do not meet the reporting requirements listed above must continue to submit monthly paper temperature logs.