1. Unpack vaccines immediately

1. Place the vaccines in trays or containers for proper air flow.
2. Put vaccines that are first to expire in front.
3. Keep vaccines in original boxes with lids closed to prevent exposure to light.
4. Separate and label vaccines by type and public (VFC) or private.

2. Thermostat should be at the factory-set or midpoint temperature setting

Frozen Vaccines

Too Cold! Take Action!

Too Warm! Take Action!

Within Range

Report out-of-range temperatures immediately!

-58°F -50°F -45°F -40°F -35°F -10°F 15°F

3. Use vaccine storage best practices

Freezer Only

temp range

-58°F to 5°F

✓ ✓ ✓ ✓ ✓

don’t block vents

✓ Do make sure the freezer door is closed!
✓ Do use water bottles to help maintain consistent temperature.
✓ Do leave 2 to 3 inches between vaccine containers and freezer walls.
✓ Do post “Do Not Unplug” signs on freezer and by electrical outlet.

Don’t

- Don’t use dormitory-style refrigerator/freezer.
- Don’t use combo refrigerator/freezer unit.
- Don’t put food in freezer.
- Don’t store vaccines on shelves in freezer door.

CS243541-O Revision February 2018

Visit www.cdc.gov/vaccines/SandH or contact your state health department for more information.
**Temperature Monitoring Best Practices for Refrigerated Vaccines—Fahrenheit (F)**

1. **Store vaccines at ideal temperature: 40° F**

   - Never freeze refrigerated vaccines!
   - Exception: MMR can be stored in refrigerator or freezer

2. **Record daily temperatures**

   - **3 steps, daily:** Check and record min/max temperatures at the start of the workday.
     1. **Min/Max:** The coldest and warmest temperatures in the refrigerator since you last reset the thermometer
        - Note: If your device does not display min/max temperatures, then check and record current temperature a minimum of 2 times (at start and end of workday)
     2. **Reset:** The button you push after you have recorded the min/max temperatures
     3. **Current temperature:** Check current temperature each time you access vaccines in the refrigerator

3. **Take action if out of range!**

   - Contact your state or local health department immediately. Or for private vaccines, call the manufacturer directly.
   - Tell them the total amount of time the refrigerator temperature was out of range.

   **Best Practices**

   - **Take your time.** Check and record temperatures accurately.
   - **Make your mark!** Initial the log when recording temperatures.
   - **Leave it blank.** If min/max temperatures were not recorded, leave the space blank!

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**Refrigerated Vaccines**

- Too Cold! Take Action!
- Within Range
- Too Warm! Take Action!

Report out-of-range temperatures immediately!

**25° F 30° F 36° F 46° F 50° F**

**40° F**

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**U.S. Department of Health and Human Services**
**Centers for Disease Control and Prevention**

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Temperature Monitoring Best Practices for Frozen Vaccines—Fahrenheit (F)

1. Thermostat should be at the factory-set or midpoint temperature setting

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