Vaccines must be continuously stored in a limited temperature range – from the time they are manufactured until the moment of vaccination. This is because temperatures that are too high or too low can cause the vaccine to lose its potency (its ability to protect against disease). Once a vaccine loses its potency, it cannot be regained or restored.

What Is A Cold Chain?

Delivering vaccines to all corners of the world is a complex undertaking. It takes a chain of precisely coordinated events in temperature-controlled environments to store, manage and transport these life-saving products. This is called a cold chain.

Why Cold Storage Is Important

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Source: WHO
Recent Updates on Covid19

1. 20 Cases Of UK Coronavirus Strain As India Steps Up Testing.

India has recorded 14 fresh cases of new coronavirus mutant strain -first reported in the United Kingdom in September - taking the total number of such cases to 20, the government said this morning.

2. India records the lowest daily cases in 187 days

The daily new COVID-19 cases in the country touched a new low with less than 16,500 new cases. India's active caseload has also fallen to 2,68,581 as on date.

3. India's first COVID-19 vaccine can offer protection against new strain of virus, says drugmaker

Bharat Biotech's experimental COVID-19 vaccine candidate Covaxin can offer protection against new strain of coronavirus found in the United Kingdom.

4. Dry run for coronavirus vaccination drive successfully conducted in 4 states, says Health Ministry.

A two-day dry run for the Covid-19 immunisation drive was successfully conducted in Andhra Pradesh, Gujarat, Punjab and Assam, the Union Health Ministry said on Tuesday.