

Appendix D: Logistics and inventory management

NPHS Health New Zealand Te Whatu Ora will maintain the Inventory Portal to support ongoing monitoring of inventory and demand. The image below shows the current process for distributing the vaccine to vaccination sites.

Figure D.1 – vaccine distribution process



Various vaccines have different storage conditions at each step of the process, see the Cold Chain Storage and shelf life in Section.

Roles and Responsibilities	<p>Vaccine Manufacturer will ship trays to NZ's vaccine distributor, confirm temperature, then transfer ownership.</p>	<p>The Vaccine Distributor will store at the optimal temperature for long term storage.</p>	<p>The Vaccine Distributor will pick and pack and arrange transport to the vaccine facility for storage at +2°C to +8°C.</p>	<p>Sites will forecast their daily volumes on a rolling weekly basis.</p>
	<p>NPHS Health New Zealand Te Whatu Ora will own the supply from here.</p>	<p>Health Districts will maintain a demand plan for the upcoming four weeks and keep it up to date weekly.</p>	<p>Facilities will receive and store vials at +2°C to +8°C in certified cold chain for later distribution to sites without cold chain.</p>	<p>Health Districts or Providers may transport vials from their facilities to vaccination sites (within transportation time limits on vaccines if applicable).</p>
	<p>The Vaccine Distributor will confirm the vaccine is undamaged and transfer to inventory management.</p>	<p>NPHS Health New Zealand Te Whatu Ora will confirm the order with the distributor to pack and transport to each delivery site.</p>	<p>Sites may also receive and store vials at +2°C to +8°C in certified cold chain.</p>	