411.6 - Incorrect Dilution of Formula

Risk Description

Routinely feeding an infant inappropriately diluted formula.

Reason for Risk

Incorrect preparation of formula can have severe health consequences for infants. Over-dilution of formula can result in excess water intake and inadequate nutrient intake causing failure to thrive and poor growth. Under-dilution of formula can result in dehydration and metabolic acidosis from excess intake of protein and minerals.

Category	Infants
Risk level	Low
At risk if:	Infant is being fed formula that is being diluted incorrectly, including: • Failure to follow manufacturer's dilution instructions • Failure to follow specific instructions accompanying a formula prescription
Not at risk if:	Infant is being fed formula that has been correctly diluted OR Infant receives no formula
How is risk assigned?	Certifier selected when entering information into the data system.
Additional documentation	Document the specific issue with formula dilution in the data system.