KPIs in supply chain performance (especially in retail food chains) and food safety standards like ISO 22000:2018, FSSC 22000, and FSSAI

KPI	ISO 22000:2018	FSSC 22000	FSSAI
Inventory	Required for	Critical for	Required under
Accuracy	traceability	product	FIFO/FEFO
		segregation	
Scrap Value %	Linked to hazard	Part of waste	Waste and
	reduction	management PRP	spoilage
			compliance
Inventory Carrying	Implied in FSMS	Includes cold	Impacts shelf life
Cost	cost planning	chain, hygiene	& compliance
		costs	
% Time Picking	Efficiency → lower	Affects product	Risk of expired
Back Orders	spoilage risk	freshness	goods increases
Sales Order per	Linked to process	Manpower	Depends on
FTE	efficiency	hygiene training	operational SOPs
KDI	100 00000.0040	E000 00000	FOOAL
KPI	ISO 22000:2018	FSSC 22000	FSSAI
Inventory	Required for	Critical for	Required under
Inventory	Required for	Critical for	Required under
Inventory	Required for	Critical for product	Required under
Inventory Accuracy	Required for traceability	Critical for product segregation	Required under FIFO/FEFO
Inventory Accuracy	Required for traceability  Linked to hazard	Critical for product segregation Part of waste	Required under FIFO/FEFO Waste and
Inventory Accuracy	Required for traceability  Linked to hazard	Critical for product segregation Part of waste	Required under FIFO/FEFO  Waste and spoilage
Inventory Accuracy Scrap Value %	Required for traceability  Linked to hazard reduction	Critical for product segregation Part of waste management PRP	Required under FIFO/FEFO  Waste and spoilage compliance
Inventory Accuracy Scrap Value % Inventory Carrying	Required for traceability  Linked to hazard reduction  Implied in FSMS	Critical for product segregation Part of waste management PRP	Required under FIFO/FEFO  Waste and spoilage compliance  Impacts shelf life
Inventory Accuracy Scrap Value % Inventory Carrying	Required for traceability  Linked to hazard reduction  Implied in FSMS	Critical for product segregation Part of waste management PRP Includes cold chain, hygiene	Required under FIFO/FEFO  Waste and spoilage compliance  Impacts shelf life
Inventory Accuracy  Scrap Value %  Inventory Carrying Cost	Required for traceability  Linked to hazard reduction  Implied in FSMS cost planning	Critical for product segregation  Part of waste management PRP  Includes cold chain, hygiene costs	Required under FIFO/FEFO  Waste and spoilage compliance  Impacts shelf life & compliance
Inventory Accuracy  Scrap Value %  Inventory Carrying Cost  % Time Picking	Required for traceability  Linked to hazard reduction  Implied in FSMS cost planning  Efficiency → lower	Critical for product segregation Part of waste management PRP Includes cold chain, hygiene costs Affects product	Required under FIFO/FEFO  Waste and spoilage compliance  Impacts shelf life & compliance  Risk of expired