



SUPPLY SYSTEM KPI'S in the MINING SECTOR

The table below shows typical inventory-related KPI's that are used to measure the performance of Supply Systems in the mining sector.

The KPI's are grouped into 4 categories (IH) inventory holding; (FA) forecast accuracy; (OF) order fulfilment; and (FP) financial performance.

Supply Chain Services Australia supports clients to develop KPI's and reporting systems that suit their particular business circumstances.

Table: Typical Supply System KPI's

No.	Category	Title	Formula	KPI Target
1	OF	DIFOT	Items issued on system Required Delivery Date	Tailored to suit organisation
2	FA	Items Issued per period	Total Items Issued/Number of Periods	ditto
3	FA & FP	Safety Stock Value	Value of Safety Stock as measured by approved valuation by category	ditto
4	FA	Items received per period	Total Items Received/Number of Periods	ditto
5	FA	DP as % of issues	Total number of Direct Purchase item/purchases divided by the sum of DP item purchases and item (not unit) issues from stock	ditto
6	FP	SOH Value	Sum of (Line Item Qty x Item Cost) as per approved valuation methodology by category	ditto
7	FP	Average Cost Per SKU	Total Annual Operating Cost/Average Number of SKU	ditto
8	FP	Receipts per Hour	Number of receipts divided by total hours	ditto
9	FP	Putaway per hour	Number of putaway divided by total hours	ditto
10	FP	System Inventory Values	Current value of inventory held as per approved valuation methodology by supply chain by core process activity	ditto
11	FP	Picks per Hr	Total Picks/Number of hours	ditto

No.	Category	Title	Formula	KPI Target
12	IH	Inventory Performance %	Inventory Value divided by Asset Value x 100	Tailored to suit organisation
13	IH	Inventory Accuracy %	(Total Items-Items Without Discrepancy)/Total Items	ditto
14	IH	SKU's Held	Total Items (Stock Keeping Units) Held	ditto
15	IH	Stock Turns Per Annum	Value of average inventory divided by value of Items issued per annum	ditto
16	IH	% Slow Moving	Number of lines classified as slow moving divided by total number of lines	ditto
17	IH	% Obsolete	Number of lines classified as Obsolete divided by total number of lines	ditto
18	IH	% Critical	Number of lines classified as Critical divided by total number of lines	ditto
19	IH	Space Utilisation	Number of locations holding stock divided by total number of locations	ditto
20	OF	Scaling Effectiveness	Total items Issued/Total Items Requested	ditto
21	OF	Order Accuracy	Credit volume per week (Total Value of Short Delivery or Damaged Item Claims) / Number of Items Issued	ditto
22	OF	Average Order Cycle Time	Average time from registration of order to delivery	ditto

