

Unique Pharmaceuticals Inventory Report

Inventory Analytics Report

Turnover Metrics

drug_name	total_sold	average_stock	turnover_rate
Triokit	100	2005.82	0.05
CardioMed1	50	1125	0.04
PedMed1	200	1300	0.15
AntiInfMed1	700	1850	0.38
GynecMed1	100	1050	0.1
Sudrox	100	1505.82	0.07
AntiMalMed1	150	875	0.17
Insulin	100	505.82	0.2
Vitamin C	200	3100	0.06
Azithromycin	100	855.82	0.12
Hifer	100	1205.82	0.08
Artemether	100	605.82	0.17
Lisinopril	100	955.82	0.1
Ciprofloxacin	100	750	0.13
Atorvastatin	100	950	0.11
Omeprazole	50	1280.82	0.04
Metformin	100	1150	0.09
Ibuprofen	100	1805.82	0.06
Paracetamol	200	2600	0.08
Amoxicillin	100	805.82	0.12

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Stock Age Metrics

drug_name	stock_age_days	quantity
Triokit	9	2000
CardioMed3	175	1100
CardioMed1	175	1100
AntiInfMed3	116	1500
PedMed3	236	1200
PedMed1	236	1200
AntiInfMed1	116	1500
GynecMed3	251	1000
GynecMed1	251	1000
PedMed2	9	1300
GynecMed2	55	900
Sudrox	116	1500
CardioMed2	129	850
AntiMalMed2	131	950
AntiMalMed3	75	800
AntiMalMed1	75	800
Insulin	340	500
Vitamin C	482	3000
Azithromycin	129	850
Hifer	297	1200
Artemether	48	600
Lisinopril	131	950
Ciprofloxacin	27	700

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AntiInfMed2	27	700
Atorvastatin	175	900
Omeprazole	55	1300
Metformin	175	1100
Ibuprofen	206	1800
Paracetamol	85	2500
Amoxicillin	290	800

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Demand Variability Metrics

drug_name	average_daily_demand	std_dev_demand	variability_index
Triokit	11.11	2.22	0.19981998199819984
CardioMed3	6.11	1.22	0.19967266775777412
CardioMed1	6.11	1.22	0.19967266775777412
AntiInfMed3	8.33	1.67	0.2004801920768307
PedMed3	6.67	1.33	0.19940029985007499
PedMed1	6.67	1.33	0.19940029985007499
AntiInfMed1	8.33	1.67	0.2004801920768307
GynecMed3	5.56	1.11	0.1996402877697842
GynecMed1	5.56	1.11	0.1996402877697842
PedMed2	7.22	1.44	0.1994459833795014
GynecMed2	5	1	0.2
Sudrox	8.33	1.67	0.2004801920768307
CardioMed2	4.72	0.94	0.19915254237288135
AntiMalMed2	5.28	1.06	0.20075757575757575
AntiMalMed3	4.44	0.89	0.20045045045045043
AntiMalMed1	4.44	0.89	0.20045045045045043
Insulin	2.78	0.56	0.20143884892086333
Vitamin C	16.67	3.33	0.1997600479904019
Azithromycin	4.72	0.94	0.19915254237288135
Hifer	6.67	1.33	0.19940029985007499
Artemether	3.33	0.67	0.20120120120120122
Lisinopril	5.28	1.06	0.20075757575757575
Ciprofloxacin	3.89	0.78	0.20051413881748073

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AntiInfMed2	3.89	0.78	0.20051413881748073
Atorvastatin	5	1	0.2
Omeprazole	7.22	1.44	0.1994459833795014
Metformin	6.11	1.22	0.19967266775777412
Ibuprofen	10	2	0.2
Paracetamol	13.89	2.78	0.2001439884809215
Amoxicillin	4.44	0.89	0.20045045045045043

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Stock Value Trend Metrics

drug_name	total_value	quantity	value_per_unit
Triokit	6000	2000	3
CardioMed3	5060	1100	4.6
CardioMed1	4950	1100	4.5
AntiInfMed3	4350	1500	2.9
PedMed3	4320	1200	3.6
PedMed1	4200	1200	3.5
AntiInfMed1	4200	1500	2.8
GynecMed3	4100	1000	4.1
GynecMed1	4000	1000	4
PedMed2	3900	1300	3
GynecMed2	3780	900	4.2
Sudrox	3750	1500	2.5
CardioMed2	3400	850	4
AntiMalMed2	3230	950	3.4
AntiMalMed3	2640	800	3.3
AntiMalMed1	2560	800	3.2
Insulin	2500	500	5
Vitamin C	2400	3000	0.8
Azithromycin	2295	850	2.7
Hifer	2100	1200	1.75
Artemether	2100	600	3.5
Lisinopril	2090	950	2.2
Ciprofloxacin	1959.9999999999998	700	2.8

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AntiInfMed2	1820	700	2.6
Atorvastatin	1800	900	2
Omeprazole	1690	1300	1.3
Metformin	1650	1100	1.5
Ibuprofen	1620	1800	0.9
Paracetamol	1250	2500	0.5
Amoxicillin	960	800	1.2