

Maintenance & Operations Details

Detailed view to support maintenance prioritization and cost control

Total Work Orders

2K

Total Repair Hours

6.48K

Cost per Work Order

Rp16.8M

Site

All

Period (Year-Month)

All

Top 5 Equipment by Repair Hours

Equipment requiring the highest maintenance effort in the selected period

Equipment ID

EQ-029

EQ-040

EQ-025

EQ-017

EQ-049

Repair Hours

220.36

196.33

185.36

178.08

167.34

Downtime by Site

Total downtime impact across operational sites

Site

Sulawesi

Banyuwangi

Kalimantan

Downtime (Hours)

2.1K

2.0K

1.9K

Downtime Trend — Top 3 Equipment

Automatically ranked based on total downtime in the selected period

equipment\_id

EQ-017

EQ-025

EQ-029

Downtime (Hours)

31.2

36.2

17.6

34.6

19.0

7.8

28.1

12.8

13.3

10.1

7.8

36.2

25.4

17.0

9.6

29.5

15.8

2.2

17.0

16.9

5.1

17.0

11.8

20.7

10.0

4.7

3.7

3.9

16.7

10.7

4.0

Maintenance Operational Details

equipment_id	site	Total Downtime (Hours)	Total Maintenance Cost	MTTR	Cost per Downtime Hour
EQ-025	Banyuwangi	89.8	Rp446,934,649.0	4.2	4978663.8
EQ-003	Sulawesi	84.5	Rp325,038,300.0	2.7	3847973.2
EQ-029	Kalimantan	81.3	Rp475,336,148.0	2.5	5845255.1
EQ-028	Kalimantan	78.9	Rp290,346,277.0	2.8	3681794.0
EQ-011	Banyuwangi	71.5	Rp371,988,936.0	2.2	5204098.2
EQ-017	Banyuwangi	70.9	Rp287,561,570.0	4.8	4058165.0
EQ-008	Kalimantan	70.6	Rp438,948,017.0	3.2	6216513.5
EQ-045	Banyuwangi	70.5	Rp547,323,554.0	2.4	7760152.5
EQ-034	Sulawesi	69.7	Rp433,167,767.0	2.6	6212962.8
Total		5995.1	Rp41,794,346,157.0	2.6	6971464.2

Maintenance Workload & Efficiency

equipment_id	site	Total Work Orders	Total Repair Hours	Cost per Work Order	MTBF
EQ-017	Sulawesi	35	65.36	Rp16,563,981.5	1.8
EQ-045	Banyuwangi	35	84.71	Rp15,637,815.8	2.0
EQ-022	Banyuwangi	32	95.72	Rp13,863,865.8	2.0
EQ-029	Sulawesi	32	93.19	Rp13,382,450.4	2.0
EQ-011	Banyuwangi	31	67.31	Rp11,999,643.1	2.3
EQ-046	Sulawesi	31	57.63	Rp13,016,117.7	2.2
EQ-029	Kalimantan	30	74.82	Rp15,844,538.3	2.7
EQ-047	Banyuwangi	29	77.53	Rp13,020,186.5	1.7
EQ-032	Sulawesi	28	62.30	Rp15,338,035.3	2.4
Total		2484	6483.10	Rp16,825,421.2	2.4

RCA & Risk Analysis

Identifying key failure drivers and their impact on downtime and maintenance cost

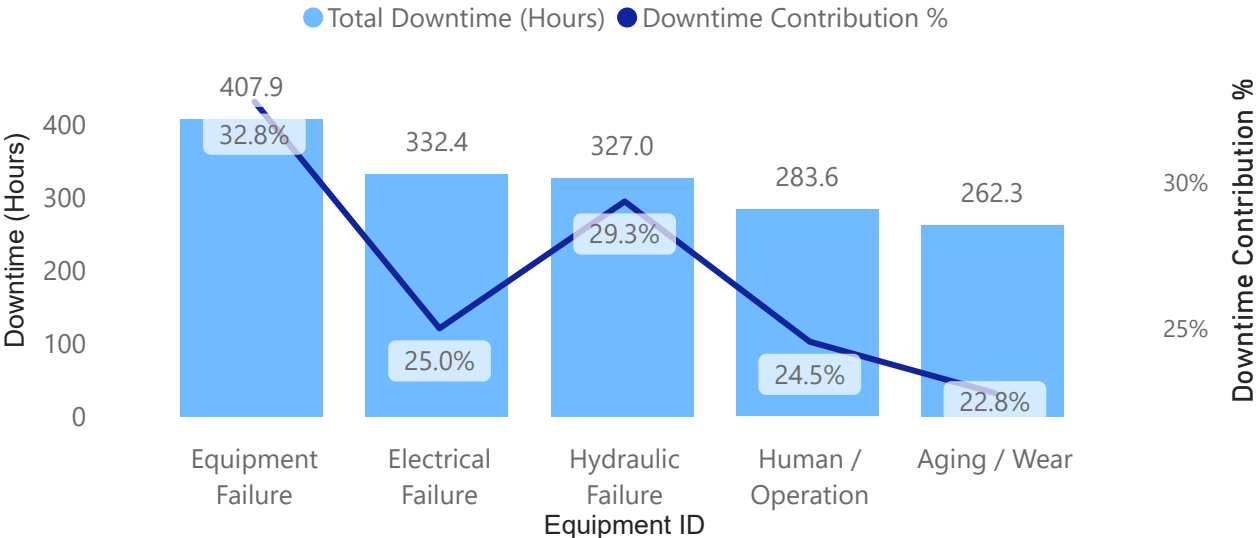
Site

All

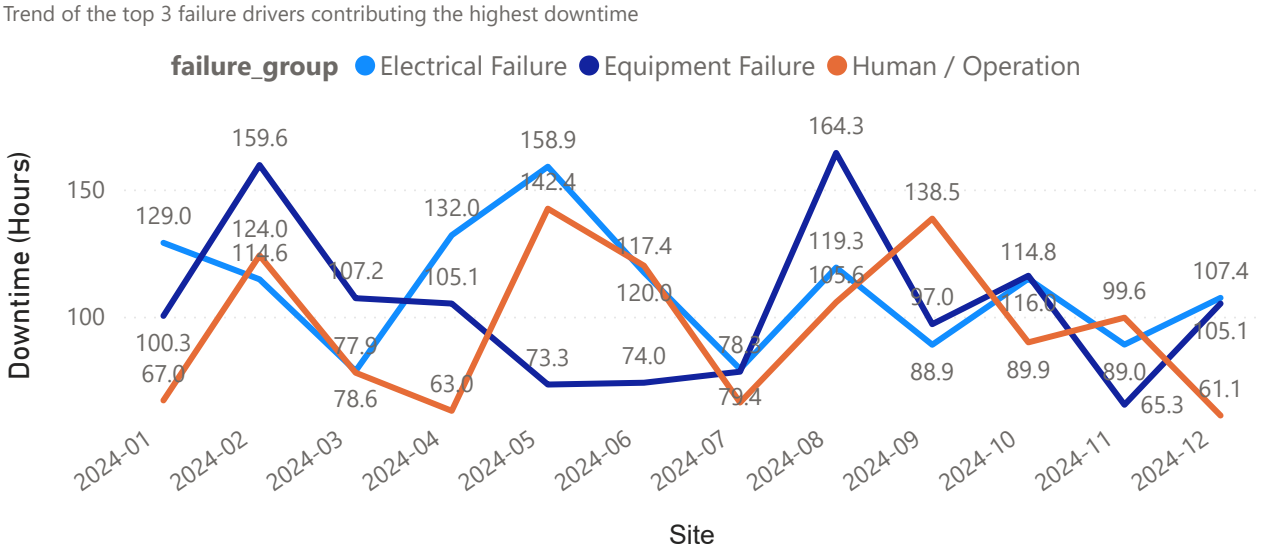
Period (Year-Month)

All

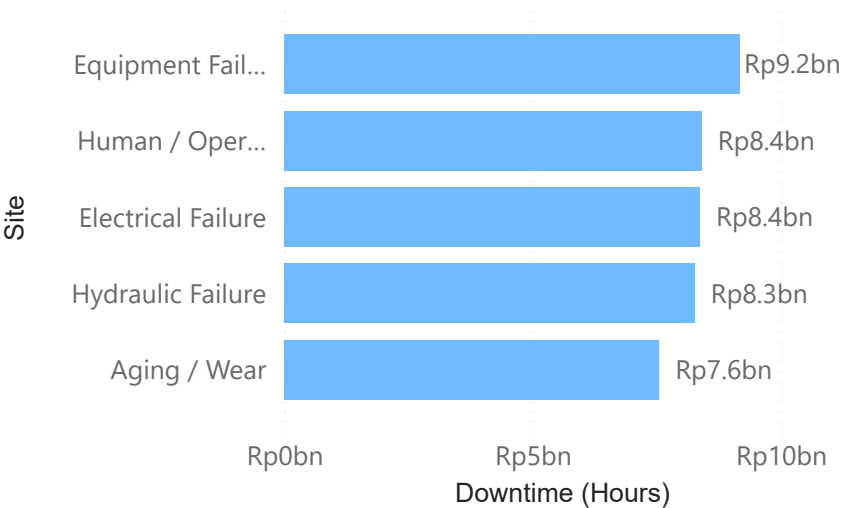
Downtime Pareto by Failure Group



Downtime Trend by Failure Group



Top 5 Failure Groups by Maintenance Cost



Root Cause Analysis Details

Failure reasons and impact metrics to support corrective actions

failure_group	reasons	equipment_id	site	Total Downtime (Hours)	Total Maintenance Cost	Cost per Downtime Hour	MTBF
Equipment Failure	Kerusakan fisik atau mekanis pada komponen utama alat	EQ-026	Sulawesi	46.7	Rp242,305,145.0	5186325.9	4.2
Equipment Failure	Kerusakan fisik atau mekanis pada komponen utama alat	EQ-032	Sulawesi	40.5	Rp181,518,734.0	4485266.5	2.5
Electrical Failure	Gangguan sistem kelistrikan, sensor, atau panel kontrol	EQ-003	Sulawesi	38.6	Rp102,805,676.0	2661291.1	7.7
Total				5995.1	Rp41,794,346,157.0	6971464.2	2.4