



Supplier Quality Evaluation Dashboards

This dashboard analyzes supplier performance by analyzing defect quantity, downtime, and vendor impact across various plants, identifying underperforming suppliers, and streamlining procurement decisions to minimize disruptions.

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Overview

Downtime Cost/Hour (\$): 10



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Defects

2.60bn

▲ 4.25% | MoM | ▲ 123.32% | YoY |

Downtime

215.81K

▲ 4.39% | MoM | ▲ 123.45% | YoY |

Downtime Cost

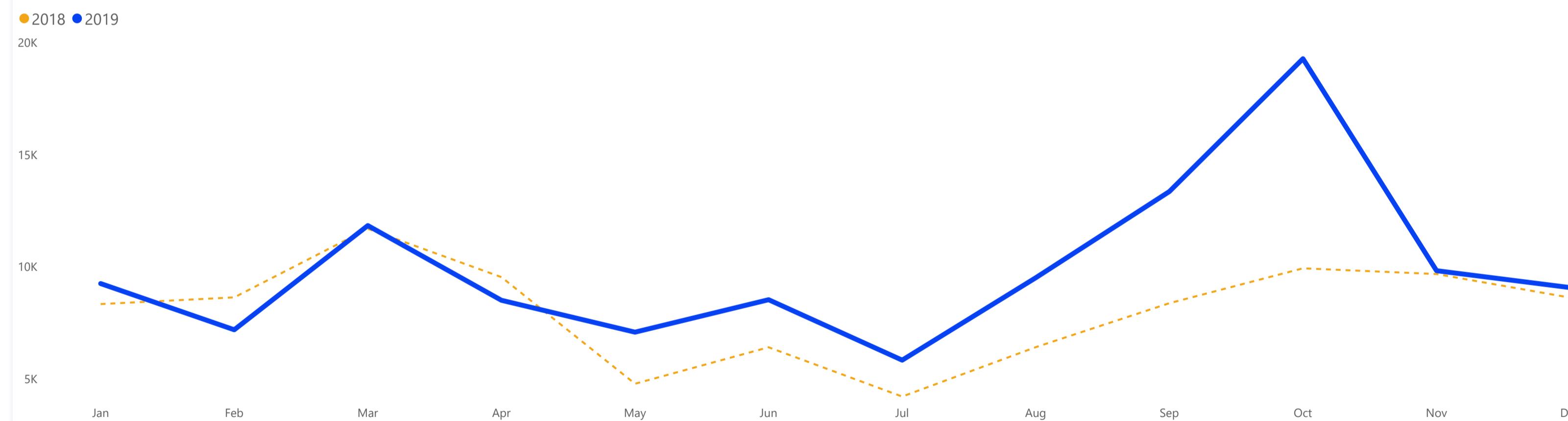
\$2.16M

▲ 4.39% | MoM | ▲ 123.45% | YoY |

Defect Quantity

Downtime Hours

Monthly Trend



Impact

31.71%

2018	33,238.12
2019	34,489.90

No Impact

39.86%

2018	38,547.47
2019	48,818.85

Rejected

28.43%

2018	24,795.10
2019	35,920.48

Worst Performance

By Vendor

Avamm	14,719,726
Meejo	14,206,469
Yombu	15,136,374

By Plant

Hingham	100,174,656
Charles City	99,390,908
Twin Rocks	96,903,184

By Defect

Not Certified	151,949,006
Bad Seams	146,157,627
Misc	127,429,830

By Category

Mechanicals	820,838,675
Logistics	698,671,504
Packaging	444,480,604

Vendor Performance



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Top

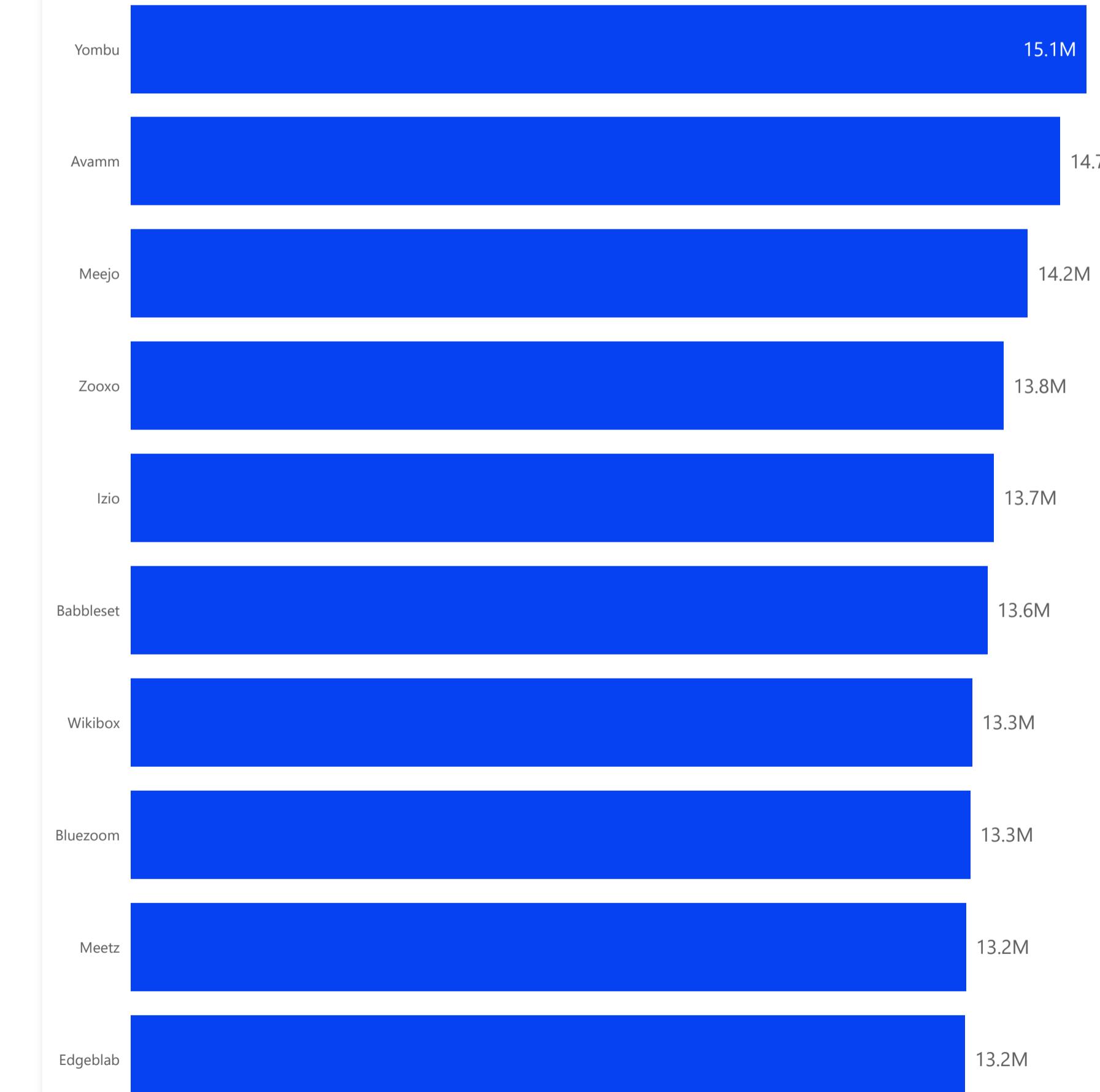
Bottom

10

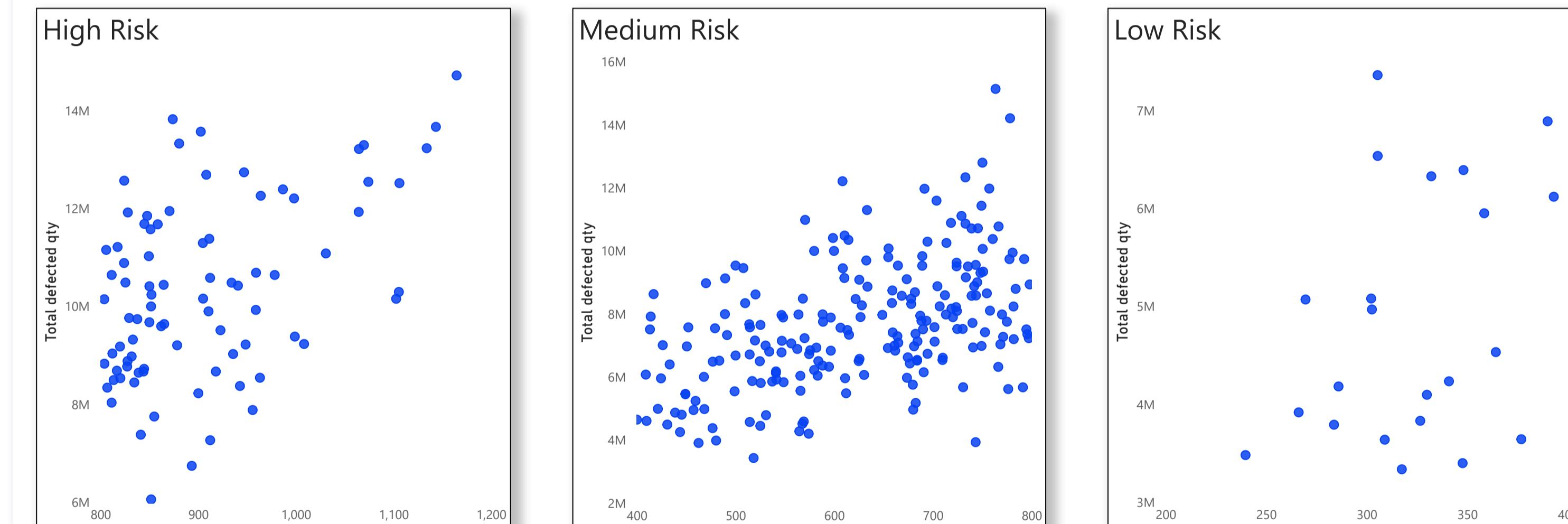
Defect Quantity

Downtime hours

Defect Quantity by Vendor



Defect Impact on Downtime



Defect Quantity

Downtime Hours

Vendor	Impact	No Impact	Rejected
Abata	2,536,279	1,362,426	2,023,550
Abatz	1,258,846	2,392,614	842,713
Agimba	3,162,655	4,503,194	4,540,975
Agivu	1,478,333	3,636,771	2,300,314

Plant Performance



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Top

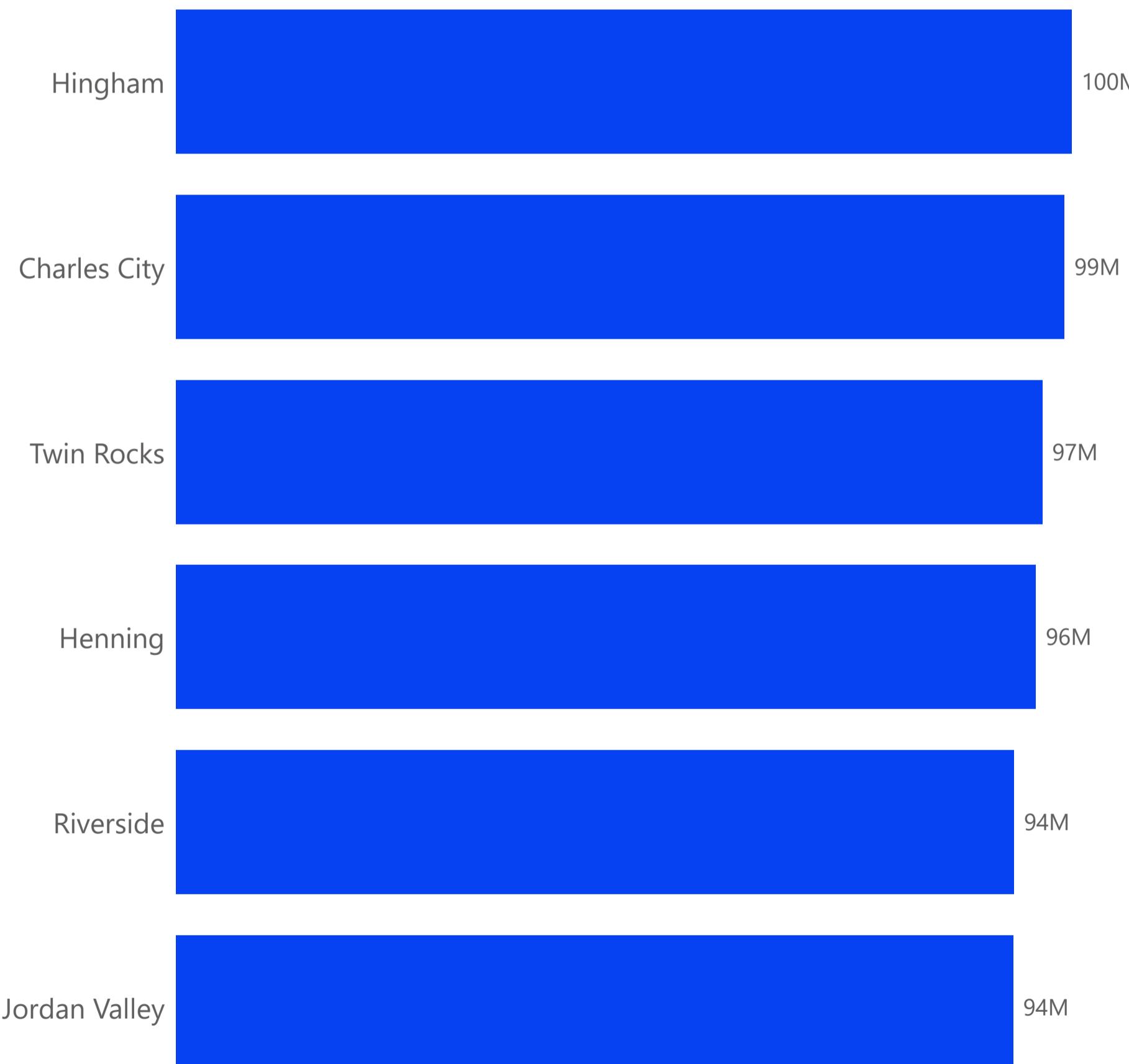
Bottom

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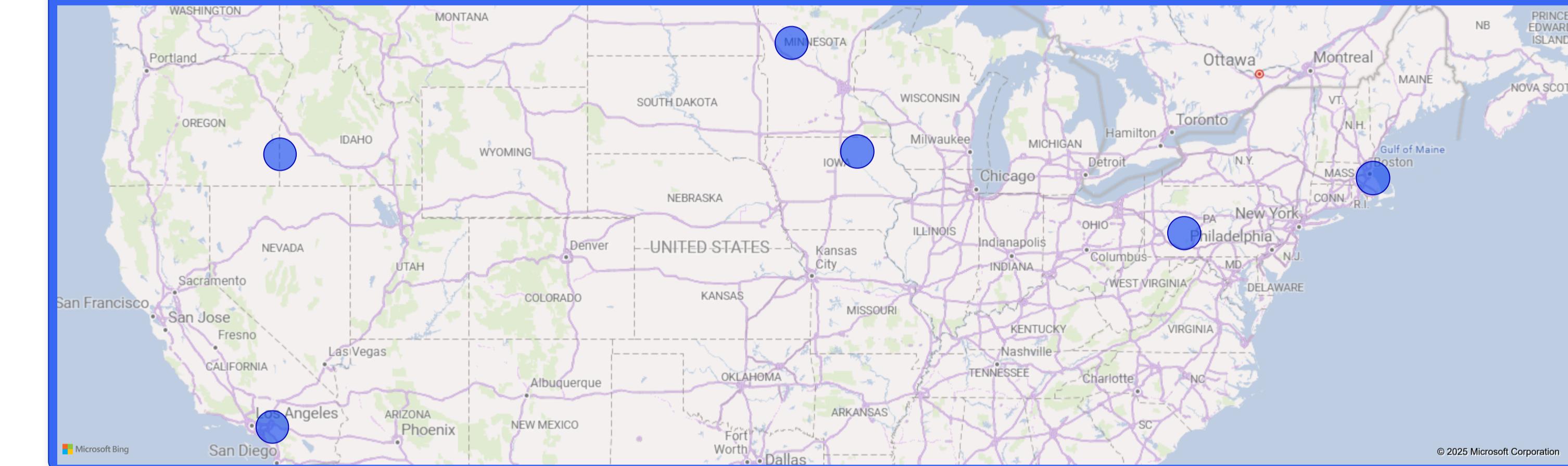
Defect Quantity

Downtime

Defect Quantity by Plant Location



Defect Quantity by Plant Location



Defect Quantity

Downtime Hours

Plant	Impact	No Impact	Rejected
Barling	31,664,155	32,429,318	26,789,836
Bloomingdale	30,047,041	33,079,113	21,727,084
Bruce Crossing	26,395,382	33,461,193	27,792,631
Charles City	42,255,529	32,366,660	24,768,719
Charlevoix	28,656,170	36,023,254	21,023,352

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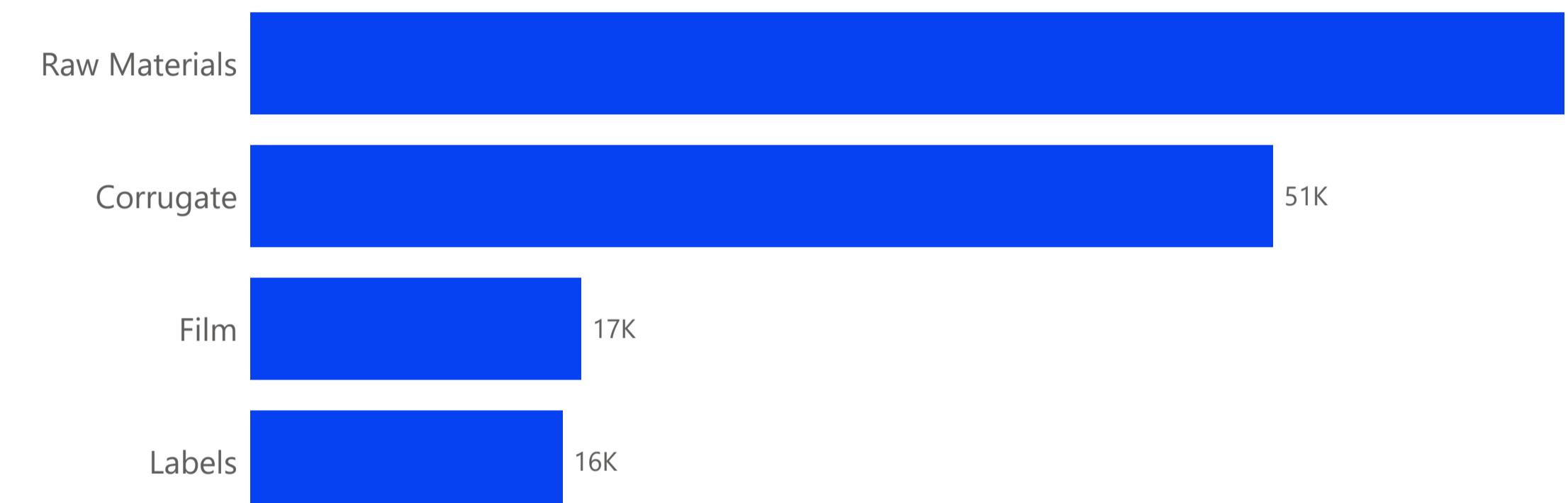
Materials Performance



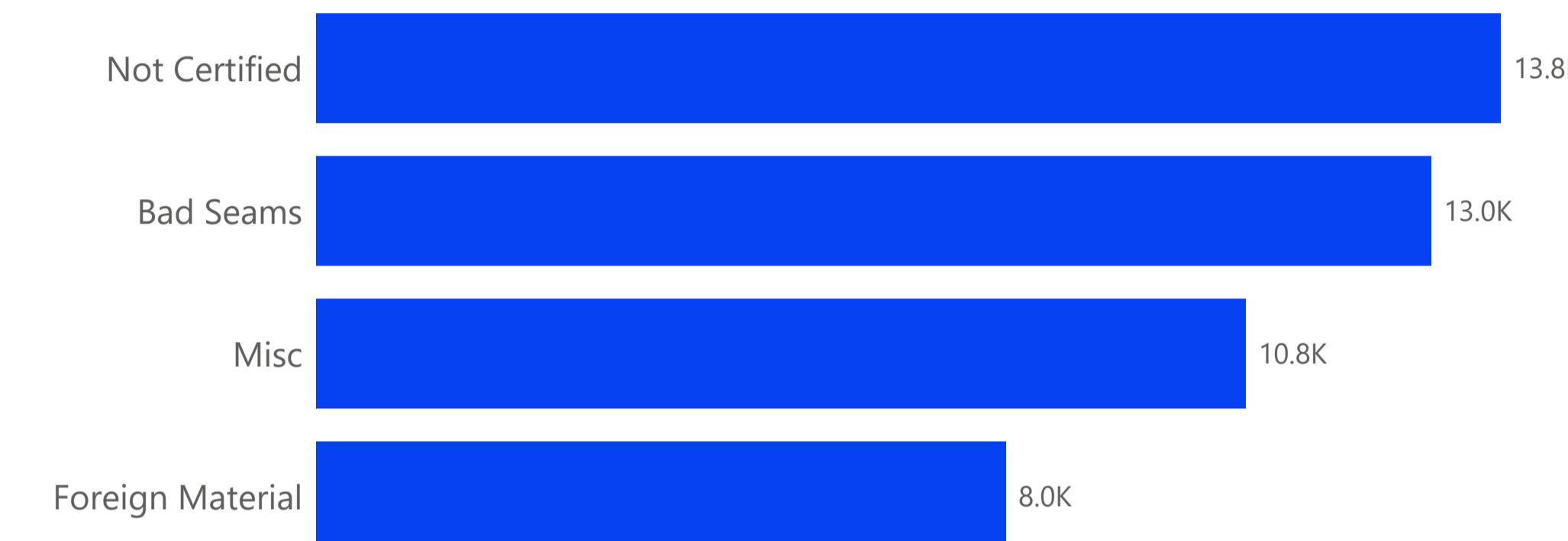
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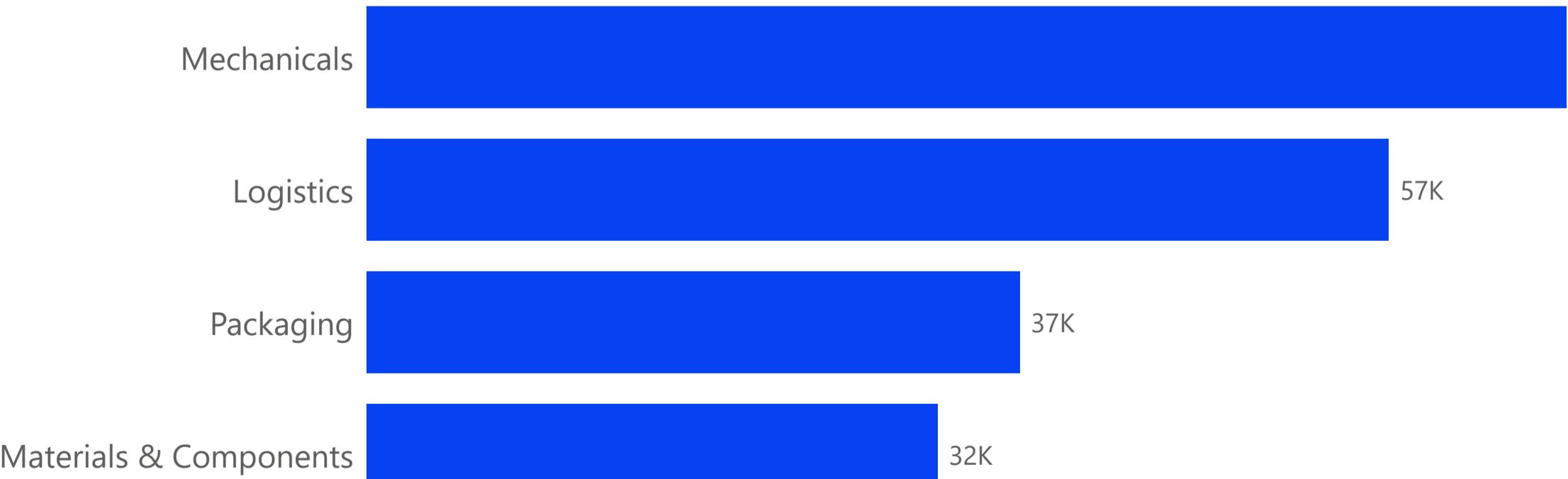
Downtime Hours by Material Type



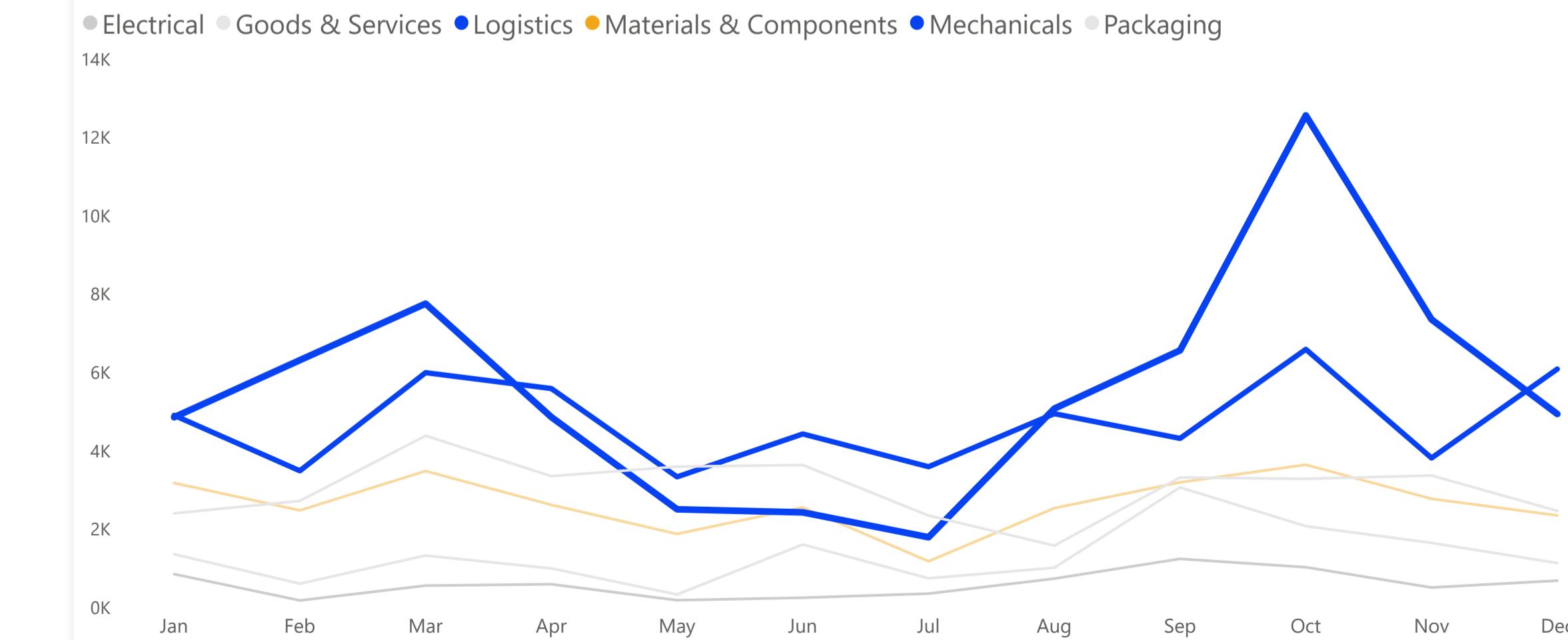
Downtime Hours by Defect



Downtime Hours by Category



Monthly trends



Downtime Impact

Downtime Cost/Hour (\$): 10

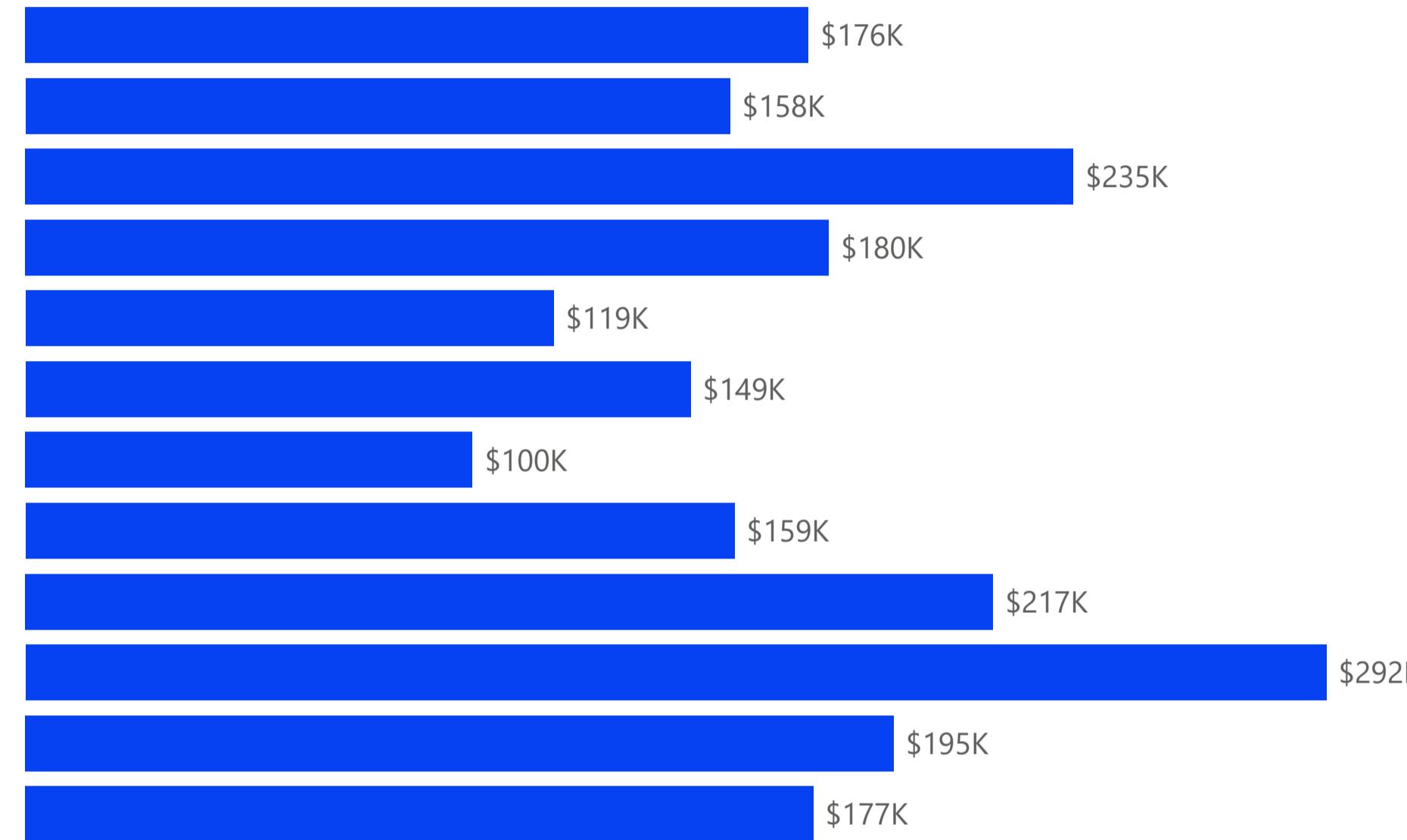


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Downtime Cost Analysis

Month	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
January	\$32,227.33	\$37,348.50	\$34,900.67	\$34,627.67	\$27,021.00	\$8,582.33	\$1,081.83
February	\$13,168.33	\$16,008.83	\$9,343.50	\$34,911.67	\$40,193.17	\$28,765.50	\$15,780.17
March	\$49,445.00	\$35,082.83	\$34,542.83	\$22,614.67	\$33,715.33	\$34,348.17	\$25,504.50
April	\$16,692.50	\$46,431.50	\$21,492.83	\$31,364.17	\$14,374.83	\$27,720.33	\$22,282.83
May	\$22,826.67	\$21,072.00	\$31,913.67	\$663.00	\$3,779.67	\$27,684.83	\$10,636.33
June	\$29,824.33	\$21,706.50	\$23,519.33	\$1,580.33	\$1,986.83	\$38,689.67	\$32,014.17
July	\$15,609.00	\$19,464.17	\$25,192.00	\$4,105.33	\$1,666.67	\$17,058.00	\$17,283.33
August	\$19,430.17	\$37,415.33	\$31,654.00	\$4,256.33	\$1,437.50	\$23,563.67	\$41,421.67
September	\$36,830.83	\$36,655.00	\$50,180.00	\$11,187.33	\$906.33	\$41,423.00	\$40,052.17
October	\$53,184.33	\$54,541.33	\$74,801.33	\$58,465.17	\$22,006.33	\$7,540.83	\$21,495.00
November	\$36,357.33	\$37,202.00	\$31,153.33	\$31,380.83	\$26,392.50	\$4,469.67	\$27,973.17
December	\$44,111.17	\$31,043.67	\$42,491.83	\$29,286.67	\$12,129.00	\$2,236.17	\$15,575.50



Vendor Plant Analysis

Vendor	Plant	Defect Quantity	Downtime cost/hr	Downtime Hours
Abata	Charlevoix	103,733	\$427.50	42.75
Abata	Chatham	344,231	\$675.83	67.58
Abata	Chesaning	384,097	\$28.17	2.82
Abata	Clarksville	736,225	\$439.00	43.90
Abata	Clay	811,305	\$381.00	38.10
Abata	Climax	710,549	\$296.33	29.63
Abata	De Ruyter	79,596	\$612.17	61.22
Abata	Garwood	978,329	\$663.67	66.37

Vendor Material Analysis

Vendor	Material Type	Defect Quantity	Downtime cost/hr	Downtime
Abata	Batteries	736,225	\$439.00	43.90
Abatz	Batteries	802,694	\$769.00	76.90
Aimbu	Batteries	785,871	\$249.00	24.90
Aivee	Batteries	43,279	\$298.83	29.88
Avamm	Batteries	992,994	\$666.17	66.62
Avavee	Batteries	484,412	\$53.67	5.37
Babbleblab	Batteries	966,398	\$564.67	56.47
Babbleopia	Batteries	351,093	\$315.67	31.57
Babblestorm	Batteries	225,105	\$181.67	18.17