

Fault Group Rankings Report

Top 15 Fault Groups Ranked by Relative Impact upon Ambiguity

Isolated Fault Groups	Size	Failure Probability	Ranking
Fault Group # 61	17	0.111998	1.791975
Fault Group # 78	2	0.009504	0.009504
Fault Group # 102	2	0.007997	0.007997
Fault Group # 104	2	0.006543	0.006543
Fault Group # 88	3	0.001964	0.003928
Fault Group # 69	2	0.001621	0.001621
Fault Group # 67	2	0.001621	0.001621
Fault Group # 65	2	0.001621	0.001621
Fault Group # 63	2	0.001621	0.001621
Fault Group # 21	2	0.001621	0.001621
Fault Group # 19	2	0.001621	0.001621
Fault Group # 17	2	0.001621	0.001621
Fault Group # 15	2	0.001621	0.001621
Fault Group # 106	2	0.001188	0.001188
Fault Group # 115	2	0.000018	0.000018

Top 15 Fault Groups Ranked by Relative Impact upon Criticality

Isolated Fault Groups	Maximum Severity	Failure Probability	Ranking
Fault Group # 61	Loss of Life	0.111998	0.559992
Fault Group # 154	Loss of Life	0.032473	0.162364
Fault Group # 153	Loss of Life	0.016236	0.081182
Fault Group # 28	Loss of Life	0.016236	0.081182
Fault Group # 150	Degraded Performance	0.074936	0.074936
Fault Group # 149	Degraded Performance	0.074936	0.074936
Fault Group # 147	Degraded Performance	0.074936	0.074936
Fault Group # 78	Loss of Life	0.009504	0.047520
Fault Group # 170	Loss of Life	0.008444	0.042220
Fault Group # 169	Loss of Life	0.008444	0.042220
Fault Group # 168	Loss of Life	0.008444	0.042220
Fault Group # 167	Loss of Life	0.008444	0.042220
Fault Group # 102	Loss of Life	0.007997	0.039984
Fault Group # 10	Loss of Operation	0.019484	0.038967
Fault Group # 4	Loss of Operation	0.019484	0.038967

Top 15 Fault Groups Ranked by Relative Impact upon Repair Time

Isolated Fault Groups	Time to Repair	Failure Probability	Ranking
<u>Fault Group # 61</u>	378.00	0.111998	42.335405
<u>Fault Group # 182</u>	2400.00	0.001261	3.026453
<u>Fault Group # 181</u>	2400.00	0.001261	3.026453
<u>Fault Group # 180</u>	2400.00	0.001261	3.026453
<u>Fault Group # 179</u>	2400.00	0.001261	3.026453
<u>Fault Group # 178</u>	1500.00	0.001982	2.972470
<u>Fault Group # 177</u>	1500.00	0.001982	2.972470
<u>Fault Group # 176</u>	1500.00	0.001982	2.972470
<u>Fault Group # 175</u>	1500.00	0.001982	2.972470
<u>Fault Group # 189</u>	2406.00	0.001040	2.503066
<u>Fault Group # 69</u>	1204.00	0.001621	1.952022
<u>Fault Group # 21</u>	1204.00	0.001621	1.952022
<u>Fault Group # 67</u>	1203.00	0.001621	1.950401
<u>Fault Group # 19</u>	1203.00	0.001621	1.950401
<u>Fault Group # 65</u>	1202.00	0.001621	1.948780

Top 15 Fault Groups Ranked by Relative Impact upon Repair Cost

Isolated Fault Groups	Cost to Repair	Failure Probability	Ranking
<u>Fault Group # 61</u>	1112.00	0.111998	124.542250
<u>Fault Group # 78</u>	310.00	0.009504	2.946248
<u>Fault Group # 170</u>	294.00	0.008444	2.482520
<u>Fault Group # 169</u>	294.00	0.008444	2.482520
<u>Fault Group # 168</u>	294.00	0.008444	2.482520
<u>Fault Group # 167</u>	294.00	0.008444	2.482520
<u>Fault Group # 102</u>	310.00	0.007997	2.479026
<u>Fault Group # 104</u>	310.00	0.006543	2.028294
<u>Fault Group # 3</u>	50.00	0.036506	1.825320
<u>Fault Group # 2</u>	50.00	0.036506	1.825320
<u>Fault Group # 1</u>	50.00	0.036506	1.825320
<u>Fault Group # 0</u>	50.00	0.036506	1.825320
<u>Fault Group # 197</u>	294.00	0.004433	1.303323
<u>Fault Group # 196</u>	294.00	0.004433	1.303323
<u>Fault Group # 195</u>	294.00	0.004433	1.303323