### Summary of Failures by Maintenance Activity

#### Total Unknown
- Jan: 23
- Feb: 102
- Mar: 104
- Apr: 85
- May: 84
- Jun: 280
- Jul: 271
- Aug: 422
- Sep: 377
- Oct: 6
- Nov: 5
- Dec: 2

- Total: 1076

#### Weekly Planned Maintenance

<table>
<thead>
<tr>
<th>Month</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>1</td>
</tr>
<tr>
<td>Feb</td>
<td>4</td>
</tr>
<tr>
<td>May</td>
<td>2</td>
</tr>
<tr>
<td>Jul</td>
<td>22</td>
</tr>
<tr>
<td>Aug</td>
<td>2</td>
</tr>
</tbody>
</table>

- Total: 31

#### Breakdown Maintenance
- Total: 13

#### Opportune Maintenance
- Total: 36

#### Preventive Maintenance
- Total: 56

#### Shutdown Planned Maintenance
- Total: 1249

#### Total
- Total: 2461