

HONEYWELL AEROSPACE SCORECARD

Defective Parts Per Million (PPM)

Honeywell
THE POWER OF **CONNECTED**

Scorecard PPM - Fundamentals

PPM Scorecard Basics (Slides 2-4)

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Scorecard PPM - Fundamentals

BASICS - Why HASP PPM Metrics?

- **HASP Scorecard replaces legacy Portal Scorecard**
 - *One Login, Faster data refresh, Simplified outputs*
- **Optimized for Google Chrome browser.**
 - *Other browsers have more settings issues*
- **Contains any and all external supplier data from SAP receipts and rejections**
 - *No IDO or non-transacted receipts included*
- **Comes standard with your HASP account**
 - *No separate account or subscription needed*
- **Provides visibility to FQE contact name**
 - *Improved communication*
- **Meets AS9100 requirement for communicating results to suppliers on KPIs (PPM & OTTR)**

Honeywell

Supplier Scorecard Welcome

HOME GENERAL QUALITY DELIVERY / OTTR DOWNLOAD / PRINT HELP CLOSE WINDOW

Performance Summary SBG Performance Summary Site Performance Summary General Information Site

001174002 NEWHART PRODUCTS, INC.

This Scorecard contains information for the month ending October, 2018.

Trend Legend:
 + = Performance has improved 10% or greater over previous same period.
 - = Performance has degraded 10% or greater over previous same period.
 N/C = Performance within 10% of previous same period.
 N/A = Insufficient information available in previous same period to determine trend.

Select PPM or OTTR% for the respective summary data.

PERIOD	QUALITY		DELIVERY	
	PPM	TREND	% OTTR (PO Line Fill)	TREND
OCT-2018	0	N/C	37.86	-
LAST 3 MONTHS	0	N/C	45.99	+
LAST 12 MONTHS	257	-	67.15	+

Scorecard PPM - Fundamentals

BASICS- What is required to use PPM Metrics?

- **A Valid HASP account**
 - *Suppliers see only the SAP Vendor code(s) associated with their HASP account*
- **Excel and PDF Reader**
 - *Outputs are in .CSV and .PDF formats should you choose to export data.*
- **Honeywell PO(s) or LTA/LTC(s)**
 - *Performance Thresholds are specified in GPOPs, SPOCs, and LTA/LTCs.*
 - *Zero Defects is always the expectation !*
- **OPTIONAL:** Accounts with HASP Quality access and subscribed to HASP QN Notification emails can paste QN numbers into QN report and immediately open QNs. This is the quickest way to drill directly to a QN itself.

The screenshot shows a web browser window with the URL 'HASP > Quality > Quality Notification Report'. The page title is 'Quality Notifications Report'. The form contains the following fields and controls:

- Vendor Code: [Text Input]
- Material Number: [Text Input]
- Notification Number: [Text Input]
- Plant: [Text Input]
- Creation Date: [Text Input]
- To: [Text Input]
- Notification Status: Open Closed Both
- [Search] [Reset Fields]

Note: When entering values manually, use the Enter Key to generate the values

Scorecard PPM - Fundamentals

- In the Scorecard Menu select PPM

The screenshot shows the Honeywell Supply Chain Collaboration interface. On the left is a dark sidebar menu with the following items: All, Favorites, METRICS, DASHBOARD, SCORECARD, OTTR, PPM (highlighted with a red arrow), HASP, PLANNING & SCHEDULING, PROCUREMENT, HASP, and AFTERMARKET. The main content area has a dark header with a hamburger menu icon and the text 'Supply Chain Collaboration'. Below the header is a 'Filters' section with four input fields: Site, Vendor Number, Material, and FQE Region. At the bottom of the main content area is a chart titled 'PERIOD PPM' with a vertical axis ranging from 0.6 to 1.0.

- The filter menu will appear

Scorecard PPM –Fundamentals (INPUTS)

NOTE: See OTTR Scorecard training for how to make selections and save searches as Variants

Site

- (External Users) Select one, some, or all of the sites delivered to by the Vendor Numbers in User's HASP account.

Vendor Number

- Select one, some, or all of the Vendor Numbers in User's HASP account. Data is recorded by the Vendor Number on the PO and QN

The screenshot shows a web interface for configuring filters. On the left, there is a vertical sidebar with navigation arrows. The main area is titled 'Filters' and contains four input fields: 'Site', 'Vendor Number', 'Material', and 'FQE Region'. Each field has a small square icon with a plus sign to its right. To the right of these fields is an 'Interval' dropdown menu currently set to '13 Weeks'. Further right is a 'Variants' section with an empty text box and icons for copy, save, delete, and print. A search icon is located at the bottom right of the filter area. Four red arrows point from the text blocks to the corresponding filter fields: Site, Vendor Number, Material, and FQE Region.

Material

- Select one, some, or all part (material) numbers to be included in the analysis. External Users are limited to only the items shipped by the Vendor Numbers in their HASP account

FQE Region

- (Internal Users) includes all Vendor Numbers from selected Regions for management analysis.

Scorecard PPM –Fundamentals (INPUTS)

TIPS:

When working online with multiple inputs for filters, the filters may be summarized like this:



To see the full list of what you've selected, click next to 'more'



Scorecard PPM –Fundamentals (INPUTS)

The screenshot displays the 'Filters' section of the Scorecard PPM interface. It includes input fields for Site, Vendor Number, Material, and FQE Region. A dropdown menu for 'Interval' is open, showing options: 13 Weeks, 13 Weeks, Current Month, Last 3 Months, Last 6 Months, Last 12 Months, YTD, and Previous Year. A search icon is visible in the top right of the dropdown. Below the filters is a chart titled 'PERIOD PPM' with a y-axis ranging from 0.8 to 1.0. Two red arrows point from the text blocks below to the 'Interval' dropdown and the search icon in the dropdown.

Time Interval

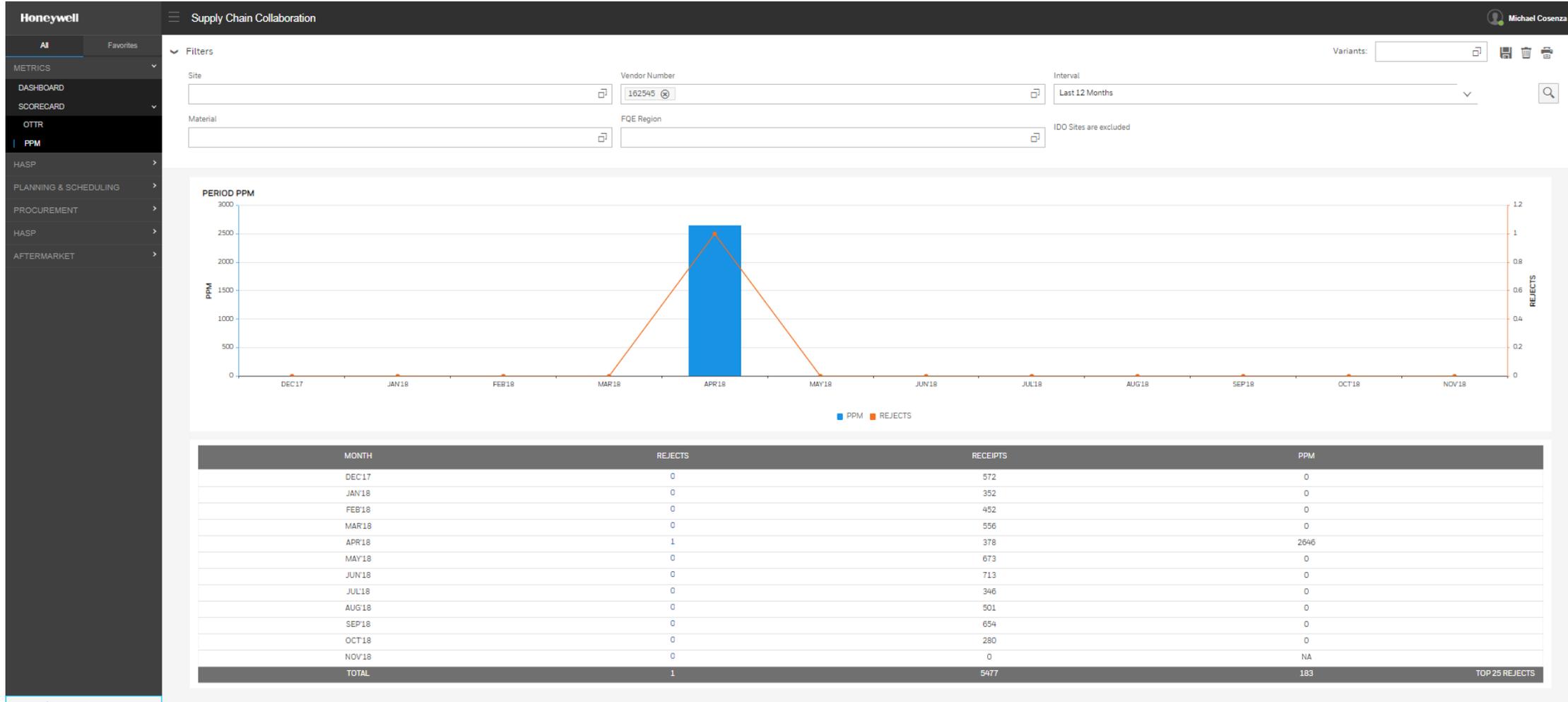
- Select the time period for which you desire to see PPM data. 13 week and Current Month are displayed by week. 3,6,12,YTD, and Previous Year are displayed by Month.

Run Button

- Executes the analysis per the user's filter inputs.

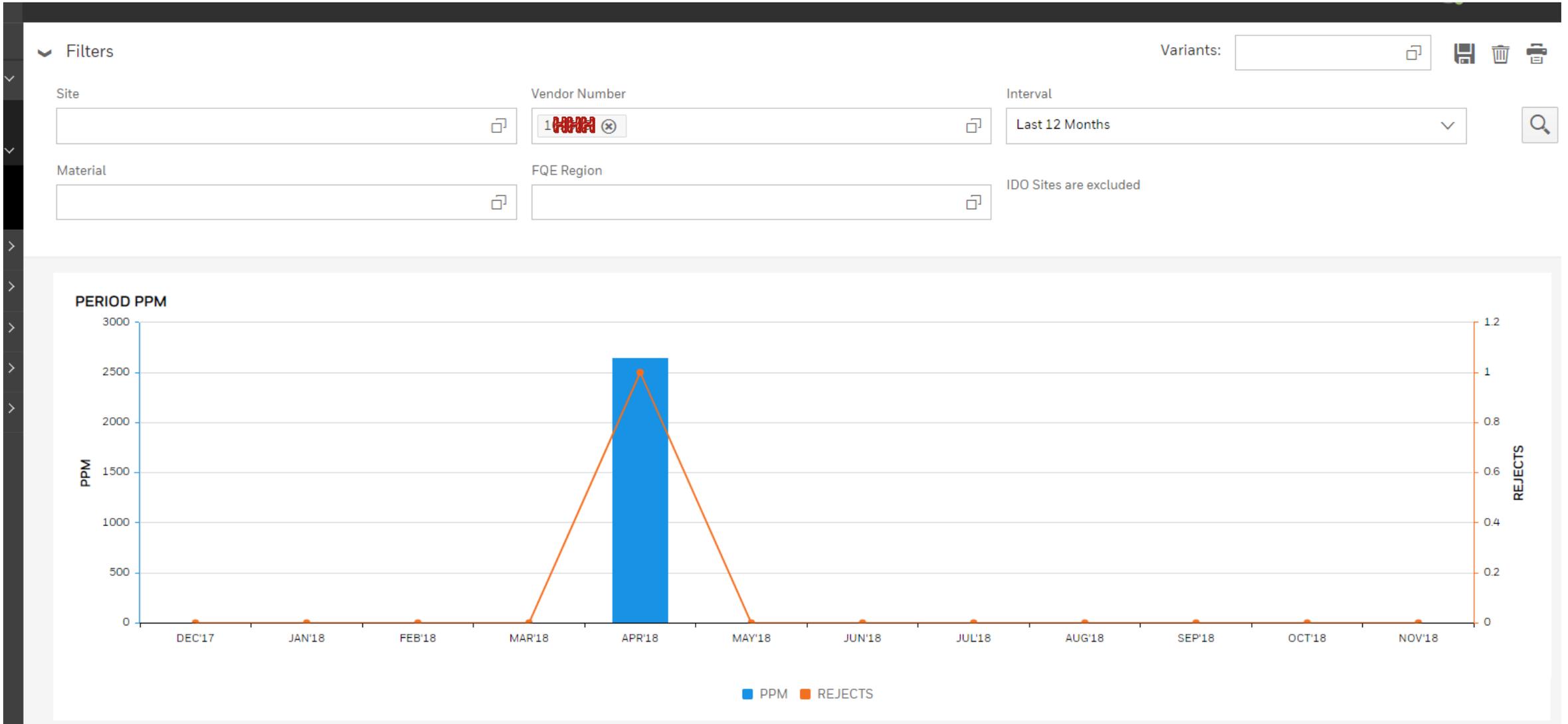
Scorecard PPM –Fundamentals (OUTPUTS)

Example 1: Single Supplier Vendor Code supplying multiple sites (Full view)



Scorecard PPM –Fundamentals (OUTPUTS)

Example : Single Supplier Vendor Code supplying multiple sites (75% zoom view, upper)

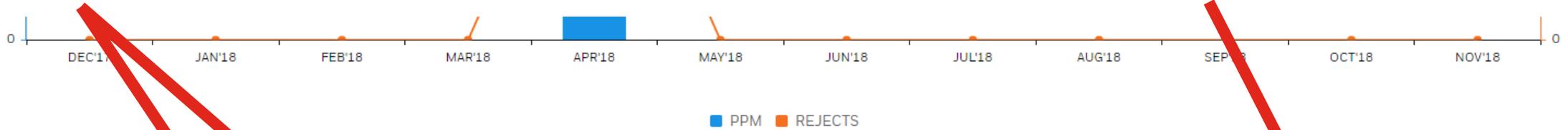


Scorecard PPM –Fundamentals (OUTPUTS)

Example: Single Supplier Vendor Code supplying multiple sites (75% zoom view, lower)

Click for Download of QN Summary Export

Click for Screen Display of Top 25



MONTH	REJECTS	RECEIPTS	PPM	
DEC'17	0	572	0	
JAN'18	0	352	0	
FEB'18	0	452	0	
MAR'18	0	556	0	
APR'18	1	378	2646	
MAY'18	0	673	0	
JUN'18	0	713	0	
JUL'18	0	346	0	
AUG'18	0	501	0	
SEP'18	0	654	0	
OCT'18	0	280	0	
NOV'18	0	0	NA	
TOTAL	1	5477	183	TOP 25 REJECTS

Scorecard PPM –Fundamentals (OUTPUTS)

Example: Single Supplier Vendor Code supplying multiple sites (Top 25 Screen Display)

← PPM TOP 25 REJECTS

TOP 25 (BY REJECT VOLUME) PARTS

PART NUMBER	PART DESCRIPTION	PERIOD	REJECTS	RECEIPT	PPM
162345-2-2	CARRIER, BEARING GEARBOX	12 Months	1	725	1379

TOP 25 (BY REJECT VOLUME) SUPPLIER

SUPPLIER ID	SUPPLIER NAME	PERIOD	REJECTS	RECEIPT	PPM
162345	ALLEN BRONKHORST INC	12 Months	1	5477	183

TOP 25 (BY PPM) SUPPLIER

SUPPLIER ID	SUPPLIER NAME	PERIOD	REJECTS	RECEIPT	PPM
162345	ALLEN BRONKHORST INC	12 Months	1	5477	183

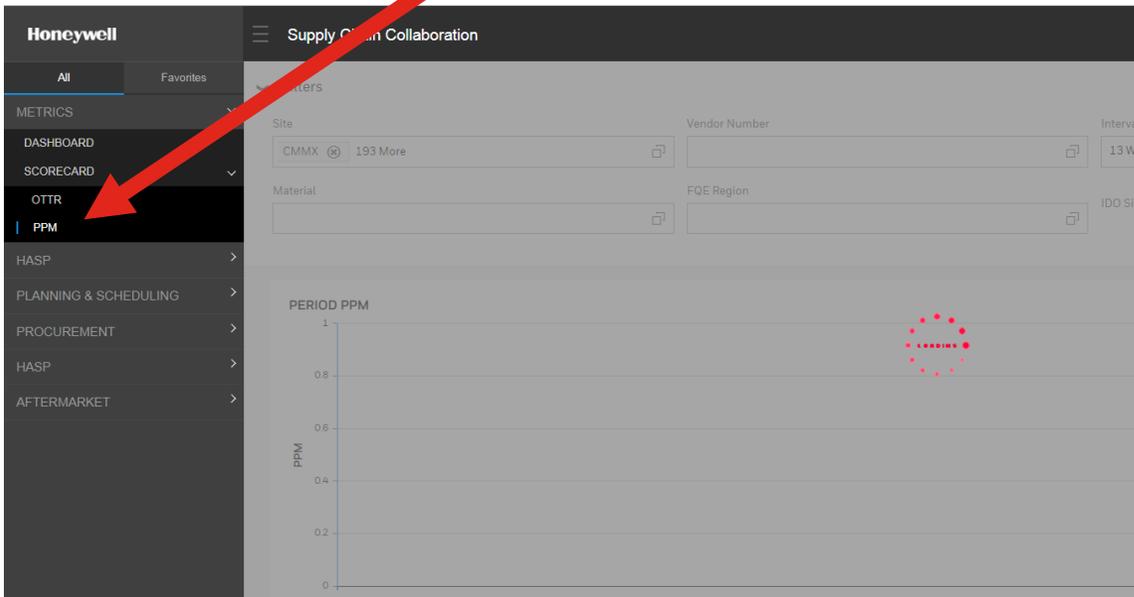
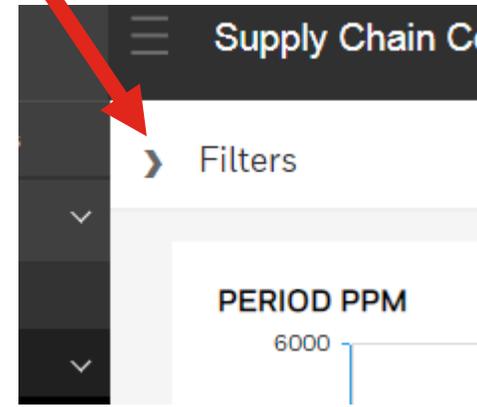
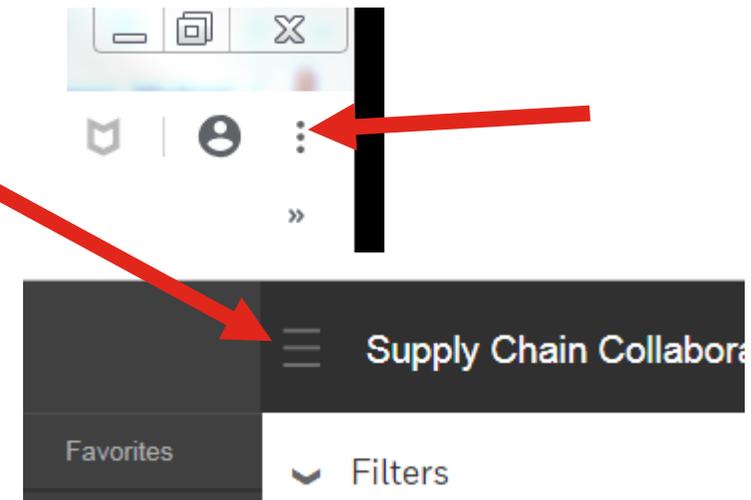
Scorecard PPM –Fundamentals (OUTPUTS)

TIPS:

*Use Browser's zoom setting or HASP Full Screen to get a comfortable view of display data

*The arrow next to 'Filters' can hide filter display

*To abort a run simply click PPM again.

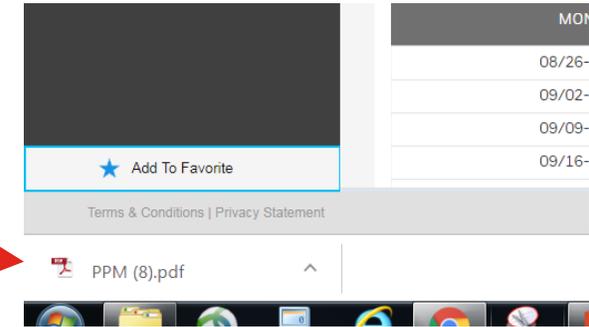
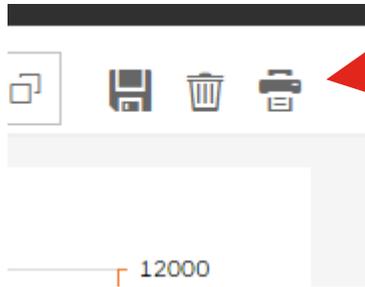


Scorecard PPM –Fundamentals (Exports/Downloads)

Example : Single Supplier Vendor Code supplying multiple sites

Download your created report

- Creates a PDF of the screen display with header
- Download icon displayed in lower left of screen per browser & OS default



PERIOD	RECEIPTS	REJECTS	PPM
APR18	1	378	2846
MAY18	0	673	0
JUN18	0	713	0
JUL18	0	346	0
AUG18	0	502	0
SEP18	0	604	0
OCT18	0	280	0
NOV18	0	0	NA
TOTAL	1	3477	183

Filter	Value
User ID	ED7446
Date Time	11/19/2018 12:43:25PM
Site	All
Vendor	0000
Material	All
Interval	Last 12 Months
PQE Region	All

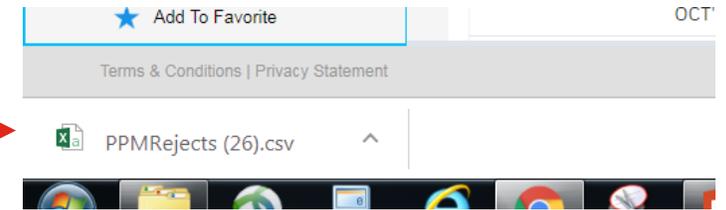
Scorecard PPM –Fundamentals (Exports/Downloads)

Example : Single Supplier Vendor Code supplying multiple sites



Download your reject data

- Click on Hyperlinked Rejections.
- Creates a .CSV file of QN data for selected time
- Download icon displayed in lower left of screen per browser & OS default

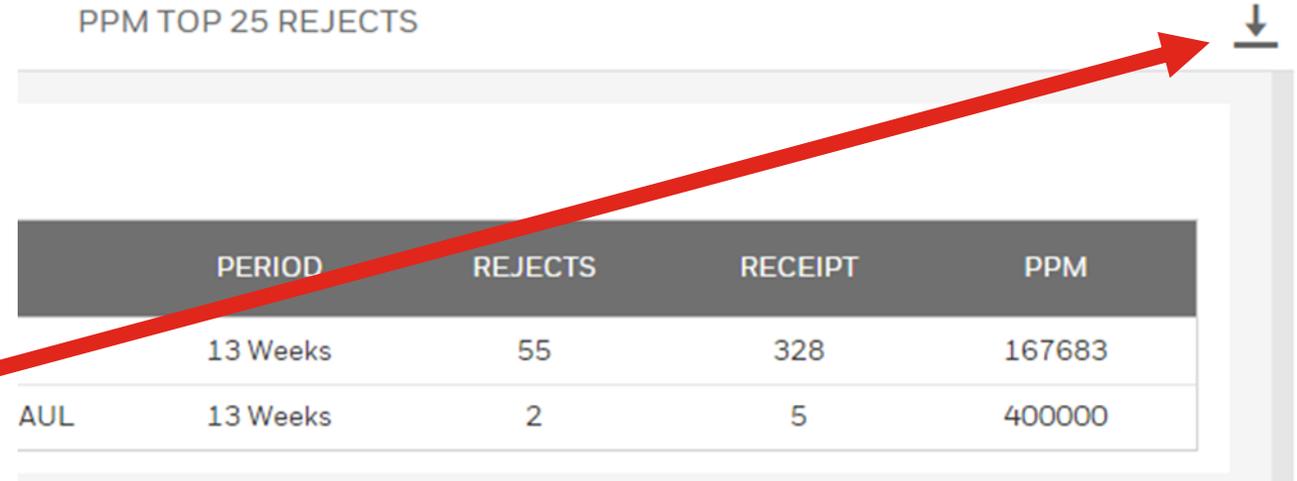


	A	B	C	D	E	F	G	H	I	J	K
	Material	Purchase Doc	Purchase Doc. Item	Vendor Code	Supplier Name	Notification	Defect Type	Inspection Lot	Site Code	Site Name	Rejected Qty
1	3000002	420779	10	10000	XXXXXXXXXXXX	20300422	Zyglo Reject		1034	HCMO-US Inventory	1

Scorecard PPM –Fundamentals (Exports/Downloads)

Example : Single Supplier Vendor Code supplying multiple sites

PPM TOP 25 REJECTS



	PERIOD	REJECTS	RECEIPT	PPM
	13 Weeks	55	328	167683
AUL	13 Weeks	2	5	400000

Download your Top 25 data

- Click on Download Icon
- Creates a .CSV file of Top 25 Data for selected variants
- Internal Users see 3 tabs in output file
 - TOP 25 (BY REJECT VOLUME) PARTS
 - TOP 25 (BY REJECT VOLUME) SUPPLIER
 - TOP 25 (BY PPM) SUPPLIER
- External Users see only one tab (by Material)
 - TOP 25 (BY REJECT VOLUME) PARTS

Scorecard PPM – Fundamentals (Analysis & Reaction Plans)

- Customer furnished performance data is a required input into AS9100 Management Reviews for suppliers
- Honeywell prescribes contractual reactions for suppliers not achieving certain levels of performance. These range from corrective actions, through performance improvement plans (ZDP is the current standard) up to financial rebates and loss recovery.
 - *This data portal permits calculation of Performance against various applicable targets in real time . Zero Defects is always the expectation !*
- QN numbers from exports can be cut/pasted into HASP/Quality/Quality Notification Report to view actual QNs online.

Scorecard PPM –Fundamentals (Analysis & Reaction Plans)

The core quality requirement is for all features to comply to specifications 100% for all parts produced and shipped. (SPOC Sec 1.3)

SPOC 100.5 Containment of Nonconforming Material

When a nonconformance is discovered, or the Supplier is notified of a discrepancy, the Supplier must take immediate action to determine if the condition exists on any other work-in-process, in all inventory locations at the Supplier's facility, or in prior shipments.... The supplier shall perform internal RCCA when any nonconformance has been positively identified as a result of one or more of these actions

SPOC Sec 1.3 -Honeywell's minimum performance expectation is: Quality 100 PPM or lower based on a three Month Moving Average (3 MMA) When a supplier does not meet these minimum performance levels, Honeywell reserves the right to require the supplier to engage in an aggressive improvement project



GPOP Sec. 6 -If Supplier fails to meet the 3 month rolling average PPM performance metric of 500 in any given month, Honeywell will be entitled to liquidated damages

Scorecard PPM – Fundamentals (Analysis & Reaction Plans)

- Adjustments to “Rejects” portion of PPM Scorecard are achieved via the Reversal process : (Ref: SPOC 100) When a Site Quality Engineer accepts a Reversal Request and updates the QN to reflect it, Scorecard will refresh within 24 hours

100.7 Request for Reversals

Rejects identified as supplier’s responsibility are documented on the supplier scorecard available on the Supplier Portal. If the supplier’s investigation of the reject concludes that the nonconformance should not be charged to the supplier’s responsibility, then a request to reverse the responsibility must be submitted by the supplier in eCATS. Reversal requests should be submitted within 30 days of notification of nonconformance. Any reject listing on a supplier’s scorecard constitutes notification whether or not the part is returned. All eCATS reversal requests submitted shall provide detailed justification information. Instructions on how to submit a reversal request are located on the Honeywell Aero Supplier Portal in the SPOC-Supporting Documents area. Requests for reversal submitted later than 90 days after nonconformance notification may not receive consideration from the Honeywell site.

- Adjustments to “Receipts” portion of PPM Scorecard are achieved via the Buyer.

Scorecard PPM – Frequently Asked Questions (FAQ)

- **How does an external user add vendor codes to their HASP?**
 - *Email a request to AEROHASPSupport <AEROHASPSupport@Honeywell.com>.*
- **What about corrections/reversals? How frequently does this update?**
 - *PPM Metrics report directly from HASP (SAP) and are refreshed nightly. Please ensure any needed changes/reversals are made in SAP by the QN Coordinator.*
- **Does this change how Self Release works?**
 - *No. Nothing in the SR process changes as a result of this Scorecard migration. Reversal Requests process feeds changes in both SR Approval status and daily PPM Metric calculations.*
- **Should I use these to evaluate everything my site receives?**
 - *No, These reports do not include Honeywell Inter-Divisional orders as they are designed for external suppliers and external supplier management. Internal users should use Aero Dashboard for IDO Metrics.*
- **How do I get/modify and account?**
 - *On the login page click “I need an account”*
- **What is the available support for this report?**
 - *Prior to contacting Support, please ensure that you have Goods Receipt and/or QN numbers for all items in question. Also, ensure that your input filters are correct. (Sites/Suppliers/PNs, etc.)*
 - *IT support is at AEROHASPSupport@Honeywell.com*
 - *Questions on receipts should be directed to the buyer.*
 - *Follow the reversal process in SPOC 100 to correct rejection counts.*

HASP Scorecard – OTTR & PPM

Thanks for Joining