



**Product Data Reporting and Evaluation
Program (PDREP)**

**Product Quality Deficiency Report
(PQDR)**

PQDR Analysis Tool

**User Guide
Updated: 27 July 2016**

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FOREWORD

This guide does not replace or amend any Department of Defense (DoD) instructions, regulations, and/or policies. Its purpose is to assist Defense Logistics Agency (DLA) personnel in the analysis of Product Quality Deficiency Reports (PQDR) processed by DLA using the Product Data Reporting and Evaluation Program – Automate Information system (PDREP-AIS). The PDREP-AIS's PQDR Analysis Tool (PQDR-AT) is designed to work in concert with existing DoD and DLA policy. Proper use of the PQDR-AT application should facilitate analysis of PQDRs processed by DLA.

Refer to the appropriate PQDR instructions and manuals for information about DoD PQDR program requirements.

REFERENCES:

DLAI 41455.24
SECNAVINST 4355.18A

INTRODUCTION

The PQDR Analysis Tool allows the user to analyze Product Quality Deficiency Reports (PQDRs) on items of supply for systemic problem trends based on a variety of parameters. The basic concept is that each PQDR is classified to a particular type of problem or deficiency. It is also associated to the NSN directly listed in the PQDR and to a supplier or group of suppliers from which the item of supply was obtained. The supplier is either identified directly from the contract number listed in the PQDR or, if the contract number is missing or invalid, is identified from DLA procurement history for the NSN. From the NSN, weapon systems, specifications, and materials are also associated to the PQDR.

The aggregation of this data associated to a PQDR allows the user to seek common characteristics for a group of PQDRs that might indicate a systemic problem or look for problem trends that can then be analyzed for specific qualities that might indicate mitigation strategies. The tool is currently restricted to PQDRs for DLA managed NSNs and limited to DLA procurement data.

Users granted access to the PDREP PQDR Analysis Tool application are also provided access to other common features that can be used to leverage supplier past performance information and material history via Adhoc queries, supplier profiles, and other research web links.

The PDREP-CAD application is accessible via the Product Data Reporting and Evaluation Program home page: <https://www.pdrep.csd.disa.mil/>

User access and login procedures can be located in the PDREP User Access and Login Procedures guide. First time PDREP users will need to submit a User Access request form, available on the NSLC home page: <http://www.nslcptsmh.csd.disa.mil>. Click on [User Access Request](#) to download the form. Follow the directions on the form to submit the request for access to PDREP.

Requests for changes or improvement to any PDREP application or any of the NSLC Detachment Portsmouth web pages should be submitted to:

Customer Support Desk

Commercial Phone: (207) 438-1690 / DSN 684-1690

FAX: (207) 438-6535, DSN 684-6535

Email: webptsmh@navy.mil

Mailing Address

Naval Sea Logistics Center Detachment Portsmouth
Bldg. 153, 2nd Floor, Portsmouth Naval Shipyard
Portsmouth, NH 03804-5000

Online in the PDREP Application

If already a PDREP User, log into PDREP and click on "[Submit Feedback](#)" at the top of most web pages.

1. ACCESSING THE PQDR ANALYSIS TOOL

After successfully logging into the PDREP Main Menu, click on the [Product Quality Deficiency Report](#) link on the left panel in Figure 1.1. and you will enter the PQDR module displayed as in Figure 1.2. The PQDR-AT tab is then displayed. Access the PQDR-AT by clicking the “PQDR Analysis Tool” tab.

NOTE: If the [Product Quality Deficiency Report](#) link does not appear on the PDREP Main Menu, users should contact the Customer Support Desk (information is in the introduction of this user guide) to ensure proper access has been provided in their user profile.

Links on the PDREP Main Menu only appear if the user has been granted access to that module in their user profile. The Customer Support Desk can assist in adjusting profiles to match the user's needs.

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[Corrective Action Request \(CAR\)](#)
[Material Inspection Record \(MIR\)](#)
[Product Quality Deficiency Report \(PQDR\)](#)
[Ship CSI Program \(SCSI\)](#)
[Special Quality Data \(SOD\)](#)
[Supply Discrepancy Report \(SDR\)](#)
[Supplier Audit Program \(SAP\)](#)
[Supplier Survey \(Pre/Post Award\)](#)
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[Routing Identifier Code Search](#)
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[SDR Search](#)
[UJI Search](#)
[User Search](#)
[Warranty/SOR Search](#)

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Figure 1.1

Product Data Reporting and Evaluation Program (PDREP)

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[PQDR Worklist](#) | [Create New PQDR](#) | [PQDR Search/Reports](#) | [PQDR Clone](#) | [PQDR Analysis Tool](#)

PQDR Worklist

Instructions
1. Select **Show Worklist for**
2. Select **Status** for the PQDR list
3. Enter **DODAAC** and/or **User Code**.
4. Add additional information as required to reduce the Worklist result set.
[For additional help](#)

Show Worklist For: Status:

From Date: To Date:

DODAAC: User Code:

Sort: Organization Code:

or select from your personalized PQDR Worklists below

To use previously saved Worklists:
1. Select the worklist from **my Worklists**
2. Click **Open my Worklist**
3. To create a new worklist select **Create New Worklist**
4. To delete previously saved worklist select **Manage my Worklists**

my Worklists

Figure 1.2

2. PQDR ANALYSIS TOOL (PQDR-AT) DESCRIPTION

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PQDR Analysis Tool

Search Types

Show Problem Counts Matching Parameters
 Show Highest Problem Counts For Included Categories
 Show Highest Problem Counts For All Category Combinations

Profit Center

Level of Detail

Profit Center: ALL

Analysis Categories

	Level of Detail	Specific Value (optional)
Item Type	-Select-	
Supplier	-Select-	
Problem Type	-Select-	
Weapon System	-Select-	
Material	-Select-	
Specification	-Select-	

Search Options

Number of results: 20 (Default:20, Maximum:200)

Include Procedural Specifications:

Analyze

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Figure 2.1

- a. The PQDR-AT query page is divided into four sections, see Figure 2.1. These are:
 1. **Search Type** -The Search Type section allows you to choose the type of search query you would like to run. The three options are:
 - a. *Show Problem Counts Matching Parameters* - this type of query lets you set specific parameter categories at specific levels of detail to include in your search and returns the count of PQDRs for different values of the search parameters.
 - b. *Show Highest Problem Counts for Included Categories* - this type of query lets you choose categories of interest and to return the 20 highest ranked problem counts for those included categories.
 - c. *Show Highest Problem Counts for all Category Combinations* - this query is similar to the one above in that it returns the 20 highest ranked problem counts; however, these are the highest ranked problem counts across all category combinations.

2. **Profit Center** -The Profit Center drop down selection allows a search for parts managed by a specific DLA Profit Center, DLA Supply Chain, or search ALL DLA managed parts. Setting profit center filters then requires you to select an appropriate profit center or supply chain. If not using the ALL selection in the Profit Center filter, a specific Profit Center or DLA Supply Chain must then be selected using the drop down box that appears next to the Profit Center filter. Choose the specific DLA Profit Center or Supply Chain filter for the search from the drop down box. It is important to note that filtering on a profit center or supply chain, only one value can be entered. This is for system performance reasons as these queries need to be pre-calculated. The resources needed to pre-calculate all combinations of profit centers or supply chains are beyond the scope of this tool.

3. **Analysis Categories** -The Analysis Categories section allows you to set up specific categories or parameter filters when running a search query. Each category can be searched at different levels of detail representing increasing levels of aggregation. For example, the Item Type category can be searched by National Item Identification Number (NIIN), Pseudo Item Name Code (PINC), Federal Supply Class (FSC), or Federal Supply Group (FSG). The options available in this section depend on the type of query being run and will be covered in more detail in subsequent sections. Analysis can be run over six different categories associated to Items of Supply:
 - Item Type
 - Supplier
 - Problem Type
 - Click the magnifying glass to locate various problem types that can be searched.
 - Weapon System
 - Material
 - Click the magnifying glass to locate various material types that can be searched
 - Specification

4. **Search Options** -The Search Options section lets you set two options in displaying query results from different queries. These two filters are:
 - a. *Number of Results* -This option sets the number of result lines returned when running a Show Problem Counts Matching Parameters query. It is not available for the other two query types. Those queries return 20 result lines.

 - b. *Include Procedural Specifications* -This option is available whenever a query includes the specification category. Every PQDR can be related to controlling specifications for the Item of Supply the PQDR references. Some specifications define properties of the Item of Supply itself and other refer to procedures for handling the Item of Supply such as marking and identification, packaging, etc. When this box is checked all specifications are included in query results. When the box is unchecked, a number of these procedural specifications that apply across a broad spectrum of parts are not included in query results.

- b. In addition to the four sections on the home page described above, every displayed page in the PQDR Analysis Tool has navigation links across the top of each web page and general information links at the bottom of the page. The navigation links are:
 - a. [PDREP Home](#) - this link returns you to the PDREP Main Menu.
 - b. [Submit Feedback](#) - this link opens a separate window to send feedback on using the PQDR Analysis Tool. You can also report problems you encounter, suggest improvements and features that would be useful, and ask questions about the tool usage.
 - c. [Logout](#) - this link logs you out of the PQDR Analysis Tool and PDREP.
 - d. [External Links](#) - provides shortcuts to useful websites outside of PDREP.
 - e. [User Profile link](#) – Clicking the link displayed with your name allows you to adjust data related to your PDREP user profile.
- c. Print buttons are available on many web pages allowing you to quickly print the current page.
- d. At the bottom of each web page there is a link to email the PDREP Customer Support Desk about any questions you may have concerning any PDREP application

3. SHOW PROBLEM COUNTS MATCHING PARAMETERS QUERY

- a. The following section explains in detail each of the query types the PQDR Analysis Tool supports and how to set up each query for data retrieval. When you choose to run a query to *Show Problem Counts Matching Parameters*, you have full control on the categories of parameters, level of detail, and parameter values that control your analysis. You also have control over the profit centers (refer to Section 6) or supply chains to include in your query.
- b. For example, suppose you want to find problem counts for all FSCs with no filter on profit center. Figure 3.1 shows how this query is set up in the PQDR Analysis Tool. The Search Types section has the Problem Counts Matching Parameters button chosen. Notice that in the Profit Center section profit center is set to “ALL” by default. In the Analysis Categories section of the web page the Item Type category is set to FSC, and the FSC value is left blank. If a specific value were set for FSC, the query would only return one result and the count of PQDRs that associate to that value of FSC. By leaving the value blank the results will show the top twenty FSCs ranked by the count of PQDRs associated to each. The Search Options section has the Number of Results set to 20. If you’d like to see more FSC results for this query you could raise the number of results to a higher number. With this query set up, clicking the Analyze button at the bottom of the query page returns the results shown in Figure 3.2.

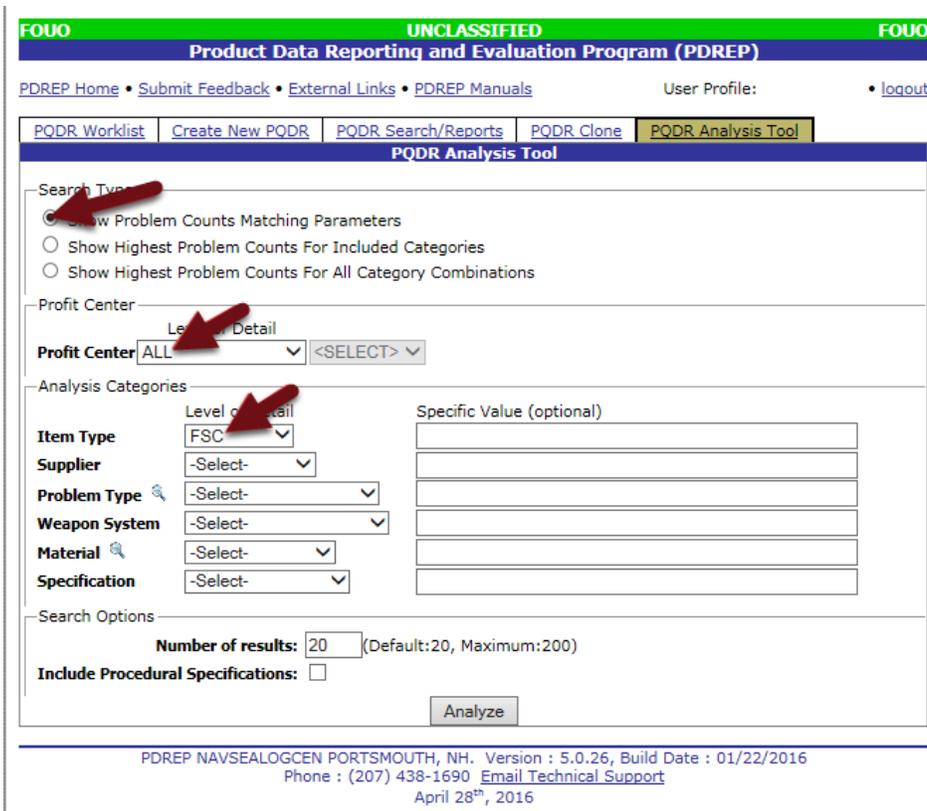


Figure 3.1

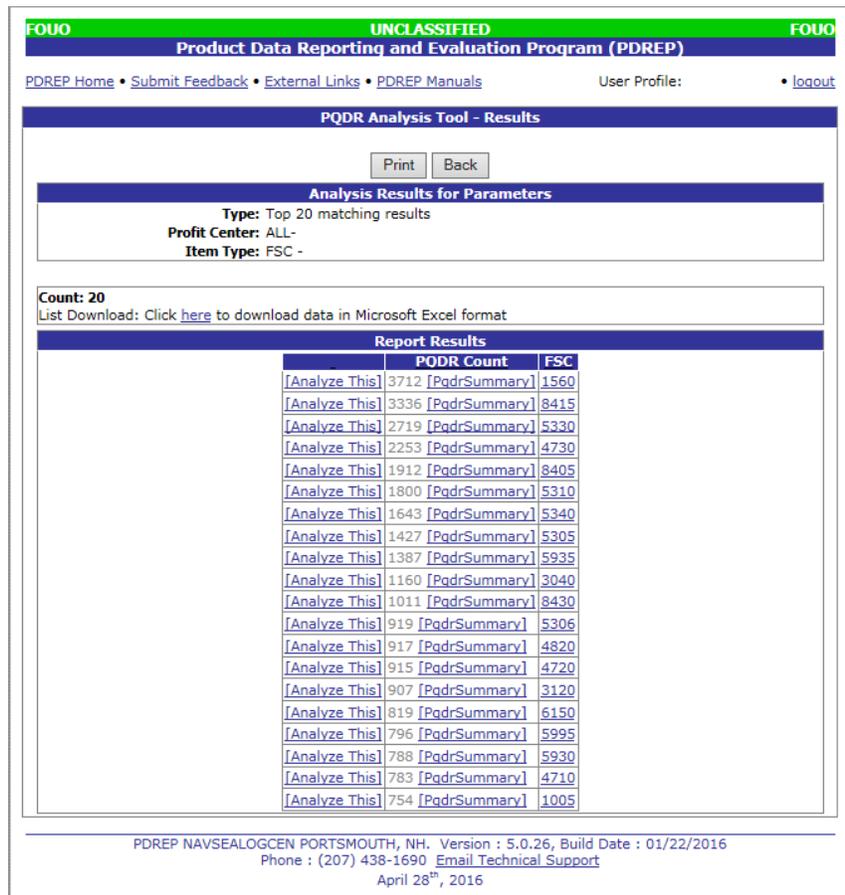


Figure 3.2

- c. The results in Figure 3.2 show that there are 5,055 PQDRs associated to FSC 1560, 3,978 PQDRs associated with FSC 5330, and so on. There are three links on each line of the Report Results display which are also common to many results.
1. The link, [\[Analyze This\]](#), allows further analysis of a particular line in the results page.
 2. The [\[Pqdr Summary\]](#) link brings up a page giving summary information about all the PQDRs included in the count.
 3. A link in the results column for each of the Analysis Categories expands the results for a line into the next level of detail. For example, when a FSG of [53](#) is displayed, clicking the [53](#) link expands that line to display the FSCs that make up that group.
 4. The Click [here](#) link enables users to download the results listed to a MS Excel file.
- d. Clicking the [\[Analyze This\]](#) link for the first line of the results table displays the page shown in Figure 3.3. This fills out the analysis query form to duplicate the query that produced the first line in the results table. This feature allows the user to add parameters to further investigate this particular situation. In this example we could now add a second category such as Supplier and set the level of detail for that category to CAGE Code.

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PQDR Analysis Tool

Search Types
 Show Problem Counts Matching Parameters
 Show Highest Problem Counts For Included Categories
 Show Highest Problem Counts For All Category Combinations

Profit Center
 Level of Detail
Profit Center ALL <<SELECT>>

Analysis Categories

	Level of Detail	Specific Value (optional)
Item Type	FSC	1560
Supplier	-Select-	
Problem Type	-Select-	
Weapon System	-Select-	
Material	-Select-	
Specification	-Select-	

Search Options
Number of results: 20 (Default:20, Maximum:200)
Include Procedural Specifications:

Analyze

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Figure 3.3

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PQDR Analysis Tool

Search Types
 Show Problem Counts Matching Parameters
 Show Highest Problem Counts For Included Categories
 Show Highest Problem Counts For All Category Combinations

Profit Center
 Level of Detail
Profit Center ALL <<SELECT>>

Analysis Categories

	Level of Detail	Specific Value (optional)
Item Type	FSC	1560
Supplier	CAGE Code	
Problem Type	-Select-	
Weapon System	-Select-	
Material	-Select-	
Specification	-Select-	

Search Options
Number of results: 20 (Default:20, Maximum:200)
Include Procedural Specifications:

Analyze

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Figure 3.4

- e. We would leave the value of CAGE Code blank to find the distribution of CAGEs for the PQDRs that associate to FSC 1560. The revised query form is shown in Figure 3.4.

- f. Clicking on the Analyze button now displays the revised results shown in Figure 3.5 which gives the PQDR counts for the top 20 CAGEs where FSC is 1560.

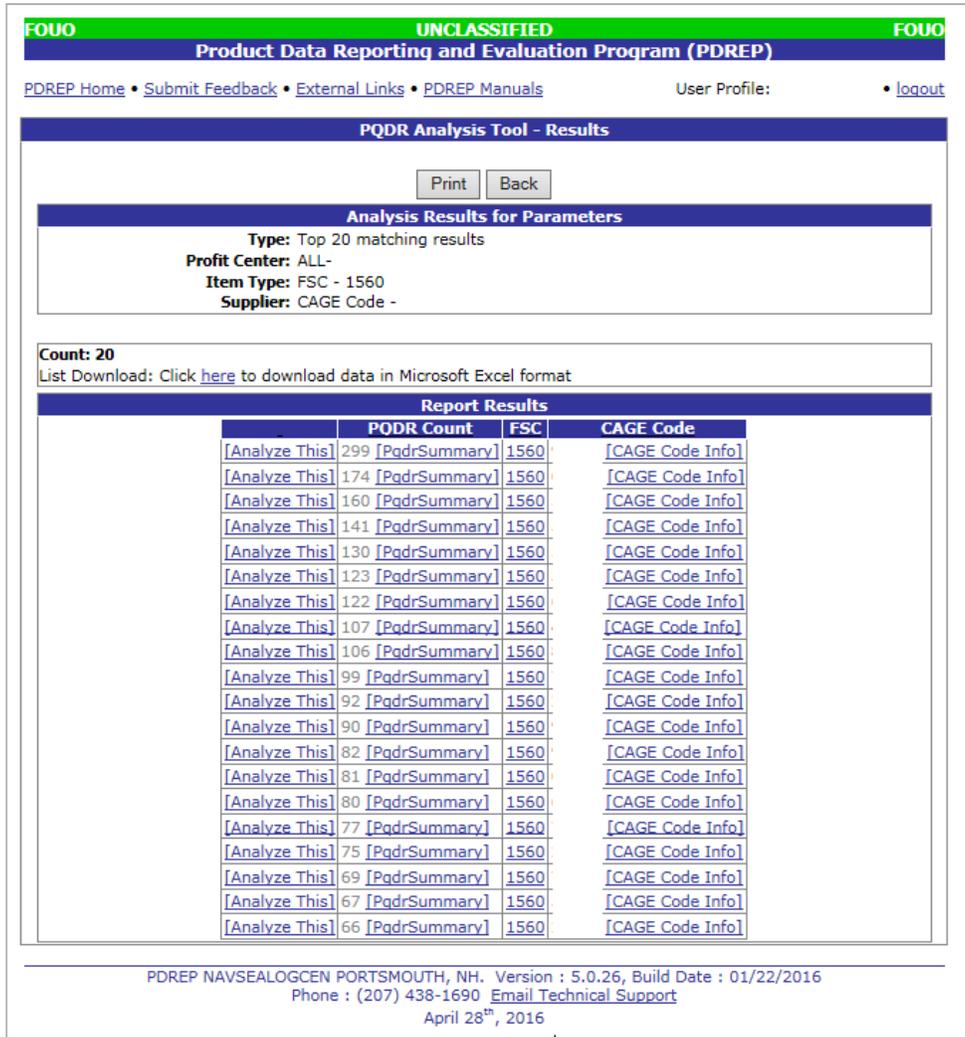


Figure 3.5

- g. Clicking on [\[Pqdr Summary\]](#) for the CAGE Code, the top result shown in Figure 3.5 brings up the summary page for PQDRs that make up its PQDR Count. This is shown in Figure 3.6.

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PQDR Analysis Tool - Results							
<input type="button" value="Print"/> <input type="button" value="Back"/>							
Count: 170 List Download: Click here to download data in Microsoft Excel format							
Report Results							
Pqdr Summary Data							
RCN	Contract Number	Cage Code	Action Point Activity	FSC	NIIN	Inspection Attribute	Description of Deficiency
040025 SF-368				1560	003204898	1AE	TEST RECORD FOR PQDR ANALYSIS TOOL...

Figure 3.6

- h. Each line has the summary information about a PQDR that meets the criteria in the line from the query results. The summary includes the PQDR Record Control Number (RCN), the Contract Number, Cage Code, Action Point Activity, FSC, NIIN, the Inspection Attribute, and the Description of Deficiency from the PQDR originator. The click [here](#) link on the results page downloads the results to a MS Excel file format. There's also a [SF368](#) link next to RCN of each line in the results. Clicking this link displays the details of the PQDR in question. The results of clicking the [SF368](#) link in the first line of the results are shown in Figure 3.7.

PRODUCT QUALITY DEFICIENCY REPORT (PQDR)						
CATEGORY II		REPORT CONTROL NUMBER (RCN)		DATE 08/26/2011		
1a. FROM (Original Office Mailing Address - include DoDAAC)			1b. ORIGINATOR NAME, TELEPHONE NUMBER & E-MAIL ADDRESS			
2a. TO (PQDR Screening Point)			2b. SCREENING POINT NAME, TELEPHONE NUMBER & E-MAIL ADDRESS			
3. DESCRIPTION OF DEFICIENCY (Describe in detail what is wrong, circumstances prior to the difficulty, probable cause, any action taken, and recommendations. Attach copy of supporting documents. Continue on separate sheet if necessary. Ensure that the description answers the questions listed in the instructions on the back of this form.)						4. DATE DEFICIENCY WAS DISCOVERED 08/26/2011
TEST RECORD FOR PQDR ANALYSIS TOOL						
5. DEFICIENT ITEM NATIONAL STOCK NUMBER (NSN)		6. DEFICIENT ITEM NOMENCLATURE				7. OPERATING TIME AT FAILURE
8. DEFICIENT ITEM PART NUMBER		9a. MANUFACTURER'S CAGE CODE	9b. MANUFACTURER /CITY /STATE			
10. QUANTITY a. RECEIVED: 1 b. INSPECTED: 0 c. DEFICIENT: 1 d. IN STOCK: 0		11. SERIAL LOT OR BATCH NUMBER SERIAL NO. 040025	12a. ITEM NEW	12b. DATE MANUFACTURED, REPAIRED, OR OVERHAULED	12c. LAST REPAIR FACILITY CAGE /DODAAC REPAIR DEPOT /CITY /STATE	
13a. CONTRACT NUMBER		13b. REQUISITION/DOCUMENT NUMBER Not Provided/Unknown			13c. PURCHASE ORDER NUMBER	
14. GOVERNMENT FURNISHED MATERIAL NO		15a. ITEM UNDER WARRANTY NO		15b. WARRANTY EXPIRATION DATE		16. END ITEM EIC/WUC/TAMCN
17. NEXT HIGHER ASSEMBLY a. NSN		b. NOMENCLATURE		c. PART NUMBER		d. SERIAL NUMBER
18. END ITEM a. NSN		b. NOMENCLATURE		c. TYPE/MODEL		d. SERIAL NUMBER
19. CURRENT DISPOSITION OF DEFICIENT ITEM (the Exhibit)						
HOLDING EXHIBIT						
20. LOCATION OF DEFICIENT MATERIAL (e.g. Base, Camp, Station)						
21. ACTION REQUESTED						
Not Provided						
Standard Form 348 (Rev. 5-2011)						

PRODUCT QUALITY DEFICIENCY REPORT SUPPLEMENT SHEET

RCN:

STATUS: ACTIVE

SUB-CATEGORY: NONE

ACTION POINT ACTIVITY: NONE

SUPPORT POINT ACTIVITY: NONE

CSI: N
Army CSI: N
Army CAI: N
UII: NONE

DEFECT ATTRIBUTE CODES:
1AE-IMPROPER MARKING

PARENT-CHILD PQDR: NONE

NOTE: PQDR COUNTS ARE CALCULATED FROM 3 YEARS PRIOR TO THIS PQDR DATE OF SUBMISSION

PREVIOUS PQDR FOR THIS NSN: NONE

PREVIOUS PQDR FOR THIS VENDOR'S CAGE AND NSN: NONE

WHERE DEFICIENCY DISCOVERED: PM-PMS INSPECTION OR DURING PMS

MATERIAL LEVEL CODE: NOT APPLICABLE

MIR: NONE

ATTACHMENTS: NONE

FINDINGS AND RECOMMENDATIONS OF INVESTIGATION: NONE

OTHER CONTROL NUMBERS:
SCREENING POINT CONTROL #: NONE
ACTION POINT CONTROL #: NONE
SUPPORT POINT CONTROL #: NONE

9. VENDOR'S CAGE CODE (Contracted Supplier):

15. WARRANTY FIELDS:
ITEM NAME: NONE
FSC: NONE
NIIN: NONE
SERIAL NUMBER: NONE
CLAIM TYPE: NONE
CAGE: NONE
.....

Figure 3.7

- i. Going back to Figure 3.2, clicking the expand link for FSC 1560 will expand out that row in the results to the next level of detail. For FSCs the next level of detail is the Pseudo Item Name Codes (PINC), so clicking here will show PQDR counts for the top 20 PINCs where the FSC is 1560. This result is shown in Figure 3.8.

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PQDR Analysis Tool - Results

Analysis Results for Parameters

Type: Top 20 matching results
Profit Center: ALL-
Item Type: PINC - 1560
Supplier: CAGE Code -

Count: 20
 List Download: Click [here](#) to download data in Microsoft Excel format

Report Results			
	PQDR Count	PINC	CAGE Code
[Analyze This]	129 [PqdrSummary]	0061168	[CAGE Code Info]
[Analyze This]	103 [PqdrSummary]	0035987	[CAGE Code Info]
[Analyze This]	90 [PqdrSummary]	0035987	[CAGE Code Info]
[Analyze This]	71 [PqdrSummary]	0061168	[CAGE Code Info]
[Analyze This]	64 [PqdrSummary]	0035987	[CAGE Code Info]
[Analyze This]	43 [PqdrSummary]	0061333	[CAGE Code Info]
[Analyze This]	42 [PqdrSummary]	0035987	[CAGE Code Info]
[Analyze This]	41 [PqdrSummary]	0032243	[CAGE Code Info]
[Analyze This]	35 [PqdrSummary]	0061332	[CAGE Code Info]
[Analyze This]	31 [PqdrSummary]	0035987	[CAGE Code Info]
[Analyze This]	30 [PqdrSummary]	0041035	[CAGE Code Info]
[Analyze This]	28 [PqdrSummary]	0061333	[CAGE Code Info]
[Analyze This]	27 [PqdrSummary]	1262023	[CAGE Code Info]
[Analyze This]	26 [PqdrSummary]	0061333	[CAGE Code Info]
[Analyze This]	25 [PqdrSummary]	1390888	[CAGE Code Info]
[Analyze This]	24 [PqdrSummary]	1262023	[CAGE Code Info]
[Analyze This]	23 [PqdrSummary]	0032243	[CAGE Code Info]
[Analyze This]	22 [PqdrSummary]	1230408	[CAGE Code Info]
[Analyze This]	21 [PqdrSummary]	0051575	[CAGE Code Info]
[Analyze This]	20 [PqdrSummary]	0061333	[CAGE Code Info]

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Figure 3.8

- j. To further analyze the makeup of a PINC in the results shown in Figure 3.8, click the [\[Analyze This\]](#) link; add any new criteria desired as is shown in Figure 3.9. Click the Analyze button and the results are shown Figure 3.10.

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PQDR Analysis Tool

Search Types
 Show Problem Counts Matching Parameters
 Show Highest Problem Counts For Included Categories
 Show Highest Problem Counts For All Category Combinations

Profit Center
 Level of Detail
 Profit Center: ALL <SELECT>

Analysis Categories
 Level of Detail Specific Value (optional)
 Item Type: PINC 0061168
 Supplier: CAGE Code
 Problem Type: -Select-
 Weapon System: -Select-
 Material: -Select-
 Specification: -Select-

Search Options
 Number of results: 20 (Default:20, Maximum:200)
 Include Procedural Specifications:

Analyze

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Figure 3.9

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PQDR Analysis Tool - Results

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Analysis Results for Parameters
 Type: Top 20 matching results
 Profit Center: ALL-
 Item Type: PINC - 0061168
 Supplier: CAGE Code -

Count: 1
 List Download: Click [here](#) to download data in Microsoft Excel format

Report Results

	PQDR Count	PINC	CAGE Code
[Analyze This]	129 [PqdrSummary]	0061168	[CAGE Code Info]

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Figure 3.10

- k. Clicking the link [0061168](#) in the PINC column expands level of detail further to the NIIN. Figure 3.11 shows the expanded view for the CAGE Code and PINC 0061168. The expand function can be very helpful to assist in drilling down to the level detail desired for any query you create.

PQDR Analysis Tool - Results

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Analysis Results for Parameters

Type: Top 20 matching results
Profit Center: ALL-
Item Type: NIIN - 0061168
Supplier: CAGE Code

Count: 13

List Download: Click [here](#) to download data in Microsoft Excel format

Report Results

	PODR Count	NIIN	CAGE Code
[Analyze This]	23 [PqdrSummary]	011327318 [NSN Info]	[CAGE Code Info]
[Analyze This]	21 [PqdrSummary]	011327319 [NSN Info]	[CAGE Code Info]
[Analyze This]	18 [PqdrSummary]	009816138 [NSN Info]	[CAGE Code Info]
[Analyze This]	14 [PqdrSummary]	012523532 [NSN Info]	[CAGE Code Info]
[Analyze This]	13 [PqdrSummary]	010837468 [NSN Info]	[CAGE Code Info]
[Analyze This]	11 [PqdrSummary]	007398342 [NSN Info]	[CAGE Code Info]
[Analyze This]	9 [PqdrSummary]	011327322 [NSN Info]	[CAGE Code Info]
[Analyze This]	6 [PqdrSummary]	007398341 [NSN Info]	[CAGE Code Info]
[Analyze This]	3 [PqdrSummary]	007398336 [NSN Info]	[CAGE Code Info]
[Analyze This]	3 [PqdrSummary]	011327321 [NSN Info]	[CAGE Code Info]
[Analyze This]	3 [PqdrSummary]	011327324 [NSN Info]	[CAGE Code Info]
[Analyze This]	3 [PqdrSummary]	014326504 [NSN Info]	[CAGE Code Info]
[Analyze This]	2 [PqdrSummary]	001761248 [NSN Info]	[CAGE Code Info]

Figure 3.11

4. SHOW HIGHEST PROBLEM COUNTS FOR INCLUDED CATEGORIES QUERY

- a. The *Show Highest Problem Counts For Included Categories* query is initiated by choosing the second button in the Search Types section of the query form. Figure 4.1 shows the query form with this option selected. When this query mode is selected you can still filter on profit center or supply chain (refer to Section 6), but in the Analysis Categories section you can only select categories to “Include All” in the Level of Detail. The Specific Value options are deactivated.

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PQDR Analysis Tool

Search Types

- Show Problem Counts Matching Parameters
- Show Highest Problem Counts For Included Categories
- Show Highest Problem Counts For All Category Combinations

Profit Center

Level of Detail

Profit Center: ALL

Analysis Categories

	Level of Detail	Specific Value (optional)
Item Type	-Select-	
Supplier	-Select-	
Problem Type	-Select-	
Weapon System	-Select-	
Material	-Select-	
Specification	-Select-	

Search Options

Number of results: 20 (Default:20, Maximum:200)

Include Procedural Specifications:

Analyze

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Figure 4.1

- b. To best understand what this query does, let’s consider a case where we only look at the Weapon System category. In this category, our first type of query described in the previous section would allow us to look at four different levels of detail, weapon system name, Weapons System Designator Code (WSDC), Weapon System Type, and Managing Service. Given a particular level of detail, say WSDC, the first type of query returns the top 20 PQDR counts associated with specific WSDCs. Whether those results are of interest or not depends on how high these top counts are compared to the average count for WSDCs. Thus, if the top count in the list were only two times the average count that might not be nearly as interesting or important as if the top count were twenty times the average count. The query for Show Highest Problem Count For Included Categories identifies these high interest situations. Figure 4.2 shows this query where the Weapon System query is the only selected category and Figure 4.3 shows the query results.

- c. The top 20 results are always returned for this type of query. Notice in the results that the highest interest situation is when the Weapon System Name is AIRCRAFT, STRATOLIFTER C/KC-135. This particular weapon system has almost 259 times more PQDRs associated to it than the average Weapon System. If you click on the [\[Analyze This\]](#) link, a query form is filled out with the result values from this row. Clicking for the first row brings up the page shown in Figure 4.4. Running that query will produce a single row with the count of PQDRs associated to this weapon system. Figure 4.5 shows the results of this query which can then be further analyzed.

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PQDR Analysis Tool

Search Types

Show Problem Counts Matching Parameters
 Show Highest Problem Counts For Included Categories
 Show Highest Problem Counts For All Category Combinations

Profit Center

Level of Detail

Profit Center

Analysis Categories

	Level of Detail	Specific Value (optional)
Item Type	<input type="text" value="-Select-"/> <input type="button" value="v"/>	<input type="text"/>
Supplier	<input type="text" value="-Select-"/> <input type="button" value="v"/>	<input type="text"/>
Problem Type	<input type="text" value="-Select-"/> <input type="button" value="v"/>	<input type="text"/>
Weapon System	<input type="text" value="Include All"/> <input type="button" value="v"/>	<input type="text"/>
Material	<input type="text" value="-Select-"/> <input type="button" value="v"/>	<input type="text"/>
Specification	<input type="text" value="-Select-"/> <input type="button" value="v"/>	<input type="text"/>

Search Options

Number of results: (Default:20, Maximum:200)

Include Procedural Specifications:

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Figure 4.2

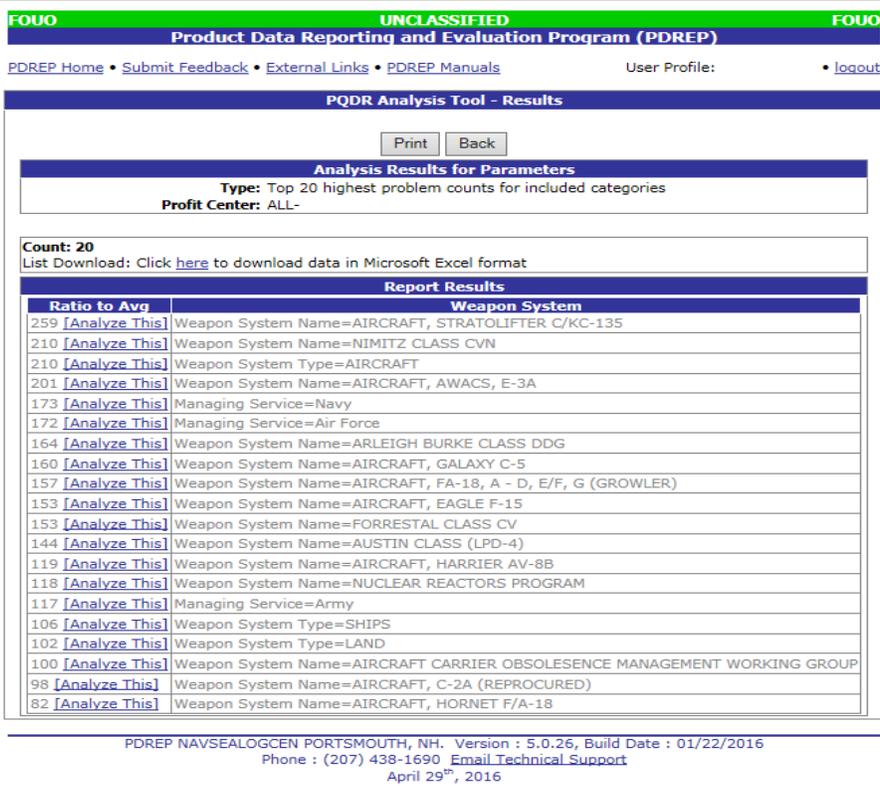


Figure 4.3

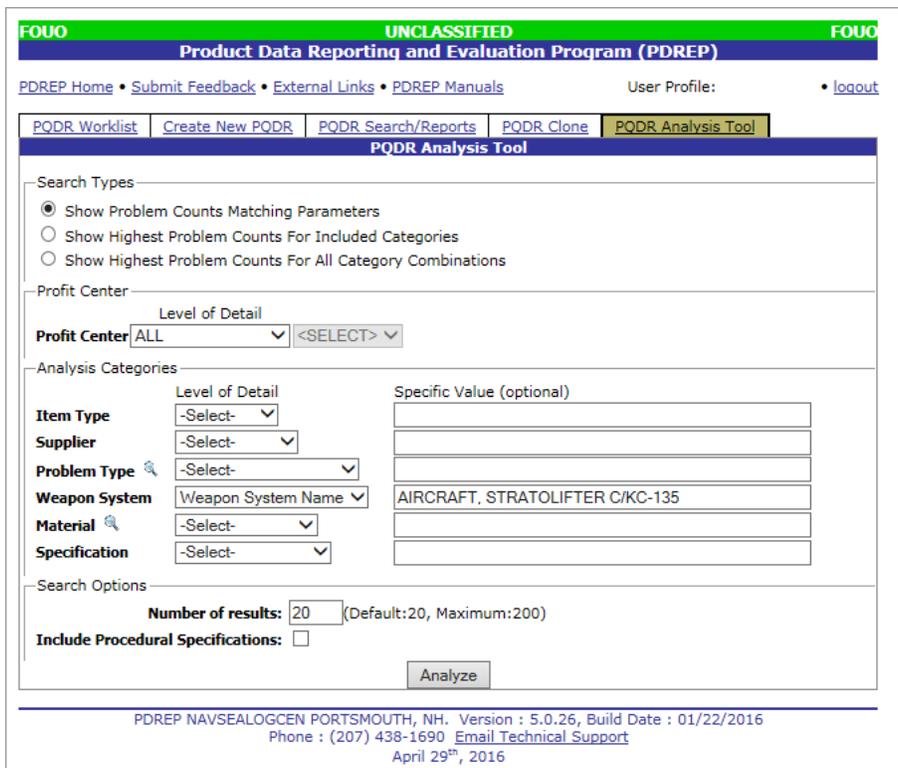


Figure 4.4

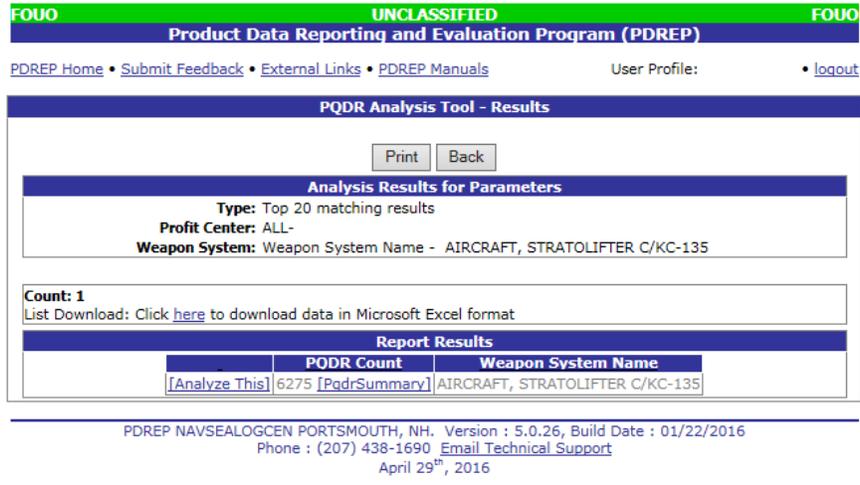


Figure 4.5

- d. Another example shown in Figure 4.6, we create a new query. This shows a query for the highest problem counts of PQDRs when the categories Item Type, Problem Type, Material, and Specification are included and the supply chain is set to Land. Also the option to include procedural specifications is unchecked. The results of this query are shown in Figure 4.7.
- e. Notice that each result returned in Figure 4.7 has some value for Item Type, Problem Type, Material, and Specification but the level of detail these values represent can be different in any result row. Thus, this type of query is a way to find potential systemic problems of interest where you restrict the categories to those that you deem important.

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PQDR Analysis Tool

Search Types

Show Problem Counts Matching Parameters
 Show Highest Problem Counts For Included Categories
 Show Highest Problem Counts For All Category Combinations

Profit Center

Level of Detail
Profit Center: ALL

Analysis Categories

Item Type	Level of Detail	Specific Value (optional)
Supplier	Include All	
Problem Type	-Select-	
Weapon System	Include All	
Material	-Select-	
Specification	Include All	

Search Options

Number of results: 20 (Default:20, Maximum:200)
Include Procedural Specifications:

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Figure 4.6

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PQDR Analysis Tool - Results

Analysis Results for Parameters
Type: Top 20 highest problem counts for included categories
Profit Center: ALL-

Count: 20
List Download: [Click here](#) to download data in Microsoft Excel format

Ratio to Avg	Item Type	Material	Problem Type	Specification
152	[Analyze This]	FSG=53 Level 3 Material=STEEL	Level 4 Problem Type=Item manufactured incorrectly	Specification=QAP-EQ001
101	[Analyze This]	PINC=0046494 Level 2 Material=NATURAL FIBERS	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
101	[Analyze This]	PINC=0046494 Level 2 Material=SYNTHETIC RESINS (PLASTICS)	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
100	[Analyze This]	PINC=0046494 Level 0 Material=COTTON	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
100	[Analyze This]	PINC=0046494 Level 0 Material=POLYAMIDE (NYLON)	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
100	[Analyze This]	PINC=0046494 Level 1 Material=COTTON	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
100	[Analyze This]	PINC=0046494 Level 1 Material=THERMOPLASTIC	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
99	[Analyze This]	PINC=0046494 Level 3 Material=NATURAL ORGANIC NONMETAL	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
99	[Analyze This]	PINC=0046494 Level 3 Material=SYNTHETIC OR MODIFIED ORGANIC NONMETAL	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
91	[Analyze This]	PINC=0046494 Level 0 Material=COTTON	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
91	[Analyze This]	PINC=0046494 Level 0 Material=POLYAMIDE (NYLON)	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
90	[Analyze This]	PINC=0046494 Level 1 Material=COTTON	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
90	[Analyze This]	PINC=0046494 Level 1 Material=THERMOPLASTIC	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
90	[Analyze This]	PINC=0046494 Level 2 Material=NATURAL FIBERS	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
90	[Analyze This]	PINC=0046494 Level 2 Material=SYNTHETIC RESINS (PLASTICS)	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
88	[Analyze This]	PINC=0046494 Level 3 Material=NATURAL ORGANIC NONMETAL	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
88	[Analyze This]	PINC=0046494 Level 3 Material=SYNTHETIC OR MODIFIED ORGANIC NONMETAL	Level 4 Problem Type=Item manufactured incorrectly	Specification=FSC=8415
87	[Analyze This]	FSC=8415 Level 0 Material=COTTON	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
87	[Analyze This]	FSC=8415 Level 0 Material=POLYAMIDE (NYLON)	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102
86	[Analyze This]	FSC=8415 Level 1 Material=COTTON	Level 4 Problem Type=Item manufactured incorrectly	Specification=MIL-DTL-32102

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Figure 4.7

5. SHOW HIGHEST PROBLEM COUNTS FOR ALL CATEGORIES QUERY

- a. The third type of query that the PQDR Analysis Tool supports is a query for highest problem counts across all categories. This query is very similar to the query for highest problem counts for included categories discussed above. The main difference that the Analysis Categories section of the query form is inactive and any and all categories are considered in the results. The profit center filtering and the option to include procedural specifications work the same as for the highest problem counts across all categories query.
- b. Figure 5.1 shows the query with the Profit Center set to “DLA Supply Chain” and “LAND” as the criteria; note the Procedural Specifications box unchecked. Notice that nothing is entered in the Analysis Categories section. Figure 5.2 shows the results for this query.

The screenshot displays the 'PQDR Analysis Tool' interface. At the top, there is a green bar with 'FOUO' and 'UNCLASSIFIED' on either side, and a blue bar with 'Product Data Reporting and Evaluation Program (PDREP)'. Below this are navigation links: 'PDREP Home', 'Submit Feedback', 'External Links', 'PDREP Manuals', 'User Profile:', and 'Logout'. A menu bar contains 'PQDR Worklist', 'Create New PQDR', 'PQDR Search/Reports', 'PQDR Clone', and 'PQDR Analysis Tool' (highlighted). The main form is titled 'PQDR Analysis Tool' and has several sections:

- Search Types:** Three radio buttons are present. The first is 'Show Problem Counts Matching Parameters', the second is 'Show Highest Problem Counts For Included Categories', and the third, 'Show Highest Problem Counts For All Category Combinations', is selected. A red arrow points to this selected option.
- Profit Center:** A dropdown menu is set to 'DLA Supply Chain'. To its right, a 'Level of Detail' dropdown is set to 'LAND'. A red arrow points to this dropdown.
- Analysis Categories:** This section is inactive. It contains a table with columns for 'Item Type', 'Supplier', 'Problem Type', 'Weapon System', 'Material', and 'Specification', each with a '-Select-' dropdown, and a 'Specific Value (optional)' column with empty text input fields.
- Search Options:** A 'Number of results' field is set to '20' (Default:20, Maximum:200). An 'Include Procedural Specifications' checkbox is unchecked.

At the bottom of the form is an 'Analyze' button. Below the form, footer text reads: 'PDREP NAVSEALOGCEN PORTSMOUTH, NH. Version : 5.0.26, Build Date : 01/22/2016', 'Phone : (207) 438-1690 Email Technical Support', and 'April 29th, 2016'.

Figure 5.1

- c. The result rows can have different types and numbers of categories included. In the results set returned, line one includes Problem Type and Specification categories while line two includes Item Type, Problem Type, and Specification categories. As with previous queries, clicking on the link [Analyze This] in a result line brings up an analysis query form filled out with the parameters of that result line so that it can be investigated further.

PQDR Analysis Tool - Results

Analysis Results for Parameters
Type: Top 20 highest problem counts for all category combinations
Profit Center: DLA Supply Chain-LAND

Count: 20
 List Download: Click [here](#) to download data in Microsoft Excel format

Report Results						
Ratio to Average Problem Count	Item Type	Material	Problem Type	Specification	Supplier	Weapon System
154	[Analyze This]	FSG=53		Specification=QAP-EQ001		
148	[Analyze This]			Specification=QAP-EQ001		
147	[Analyze This]	FSC=5340		Specification=QAP-EQ001		
126	[Analyze This]	Level 0 Material=STEEL		Specification FSC=unknown		
119	[Analyze This]	FSG=53		Specification=QAP-EQ002		
114	[Analyze This]			Specification=QAP-EQ002		
112	[Analyze This]	Level 1 Material=STEEL		Specification FSC=unknown		
106	[Analyze This]	FSC=5340		Specification=QAP-EQ002		
103	[Analyze This]	FSG=53	Level 3 Material=STEEL	Specification=QAP-EQ001		
102	[Analyze This]	FSG=53	Level 0 Material=STEEL	Specification=QAP-EQ001		
101	[Analyze This]	Level 0 Material=STEEL		Specification=QAP-EQ001		
101	[Analyze This]	Level 3 Material=STEEL		Specification=QAP-EQ001		
99	[Analyze This]	Level 3 Material=STEEL		Specification FSC=unknown		
98	[Analyze This]	Level 0 Material=STEEL		Specification FSC=unknown		Weapon System Type=LAND
98	[Analyze This]	FSG=53		Specification=QAP-EQ001		Weapon System Type=AIRCRAFT
97	[Analyze This]	Level 0 Material=STEEL		Specification FSC=unknown		Managing Service=Army
96	[Analyze This]	FSG=53	Level 1 Material=STEEL	Specification=QAP-EQ001		
95	[Analyze This]	Level 2 Material=STEEL		Specification FSC=unknown		
95	[Analyze This]			Specification=QAP-EQ001		Weapon System Type=AIRCRAFT
94	[Analyze This]	Level 1 Material=STEEL		Specification=QAP-EQ001		

Figure 5.2

6. LEVELS OF DETAIL AND EXTERNAL LINKS

- a. After having set the profit centers or supply chains, set the Analysis Categories for the query. There are three steps in setting an Analysis Category. First click the category and then choose the level of detail for that category. Levels of detail are the degree of aggregation for parts that match that category and are shown in a dropdown list in each category. Each level of detail is more inclusive than the one above it in the list. Finally, you can optionally set a value for that level of detail. Figure 6.1 shows the levels of detail available for the weapon system category.

The screenshot shows the 'PQR Analysis Tool' interface. At the top, there are navigation tabs: 'PQR Worklist', 'Create New PQR', 'PQR Search', 'PQR Clone', 'PQR Analysis Tool' (highlighted), and 'Preview EZPQR Entry'. Below the tabs, the 'Search Types' section has three radio buttons: 'Show Problem Counts Matching Parameters' (selected), 'Show Highest Problem Counts For Included Categories', and 'Show Highest Problem Counts For All Category Combinations'. The 'Profit Center' section includes a 'Level of Detail' dropdown set to 'DLA Supply Chain' and a 'DLA Supply Chain (Mandatory, Only one Supply Chain permitted)' dropdown set to 'LAND'. The 'Analysis Categories' section is a table with columns for 'Level of Detail' and 'Specific Value (optional)'. The 'Weapon System' row is selected, showing a dropdown menu with options: '-Select-', 'Include All', 'Weapon System Name', and 'WSDC'. The 'Material' row shows a dropdown menu with 'SYNTHETIC INORGANIC NONMETAL' selected. The 'Search Options' section includes a 'Weapon System Type' dropdown and a 'Num. Managing Service' field with a default of 20 and a maximum of 200. An 'Include Procedural Specifications' checkbox is unchecked. An 'Analyze' button is at the bottom right.

Figure 6.1

- b. The most detailed level for *Item Type* is NIIN. The next level is PINC, followed by FSC and FSG.
- c. In the *Supplier* category there are two levels of detail, CAGE Code is the most detailed and then CAGE Group. CAGE Group is a representative CAGE Code for a group of CAGE Codes that are all associated.
- d. For *Weapon Systems* the level of detail is most specific at the Weapon System Name. The next level of detail is Weapon System Designator Code (WSDC), followed by weapon system type and managing service. In actuality, Weapon System Name and WSDC are equivalent representations for weapon systems, so each weapon system name has one WSDC. Weapon System Type groups WSDCs into AIRCRAFT, ENGINES, LAND, MISSILES, PERSONAL, SHIPS, and UNKNOWN. Lastly, the Managing Service level of detail groups WSDCs into Army, Air Force, Federal Aviation Administration, Marines, Navy, National Weather Service, Coast Guard, and Unknown.
- e. The categories, *Problem Type* and *Material*, handle level of detail slightly differently. Each of these categories is represented by taxonomy. Taxonomies are a hierarchical classification of knowledge where each class is broken down into more specific subclasses. So materials are

broken down into metals and nonmetals, metals are broken down into ferrous metals and nonferrous metals, ferrous metals are broken down into iron and steel, etc. Each PQDR is classified to some problem class in the problem taxonomy and each NIIN for which materials are known is classified to some set of materials in the material taxonomy. For these categories, the most specific level of detail, Level 0, is the class in the taxonomy to which the PQDR or NIIN was classified. Level 1 is the immediate parent class of the Level 0 class, Level 2 is the parent of the parent, etc. So both Problem Type and Material show levels of detail from Level 0 to Level 5. To better understand what classes are available for at each level of detail, once a level is chosen, clicking on the lookup icon next to the category name opens a window where you can search, view, or select various taxonomy opened up to classes for that level. Figure 6.2 shows levels of detail available for Material Level 4. You can also search any level for partial words. For example set Select Detail to Level4 on the Material lookup page, enter 'MET' in the search value, then click the Search button to return any results that include words with 'MET' in them such as metal or nonmetal. Leave the search value blank and clicking the Search button to return all available details. Clicking the Select button next to any detail in the results will populate the Material field on the search page and redirects you to that page.

The screenshot shows the 'Lookup MATERIAL' interface. At the top, it is marked 'FOUO UNCLASSIFIED FOUO' and 'Product Data Reporting and Evaluation Program (PDREP)'. Below the header are navigation links: 'PDREP Home', 'Submit Feedback', 'External Links', and 'PDREP Manuals'. On the right, it shows 'User Profile:' and a 'logout' link. The main content area is titled 'Lookup MATERIAL' and contains the following instructions:

1. Select **Detail**
2. Enter **Search Value** (optional)
3. Click **Search**
4. Select a level value by clicking the **Select** button

Below the instructions, there is a 'Select Detail:' dropdown menu set to 'Level 4' and a 'Search Value:' text input field. To the right of the search field are 'Search' and 'Cancel' buttons. Below these is a table with two columns: 'LEVEL4' and 'Select'.

LEVEL4	Select
METAL	Select
FIBER	Select
SEMICONDUCTOR	Select
NONMETAL	Select
ORGANIC NONMETAL	Select
FABRIC	Select
INORGANIC NONMETA	Select
NON-FERROUS METAL	Select
FERROUS METAL	Select

At the bottom of the page, there is a footer with the following text: 'PDREP NAVSEALOGCEN PORTSMOUTH, NH. Version : 5.0.26, Build Date : 01/22/2016', 'Phone : (207) 438-1690', 'Email Technical Support', and 'April 29th, 2016'.

Figure 6.2

- f. In the *Specification* category there are also two levels of detail. The first is Specification. This is a specification document number such as MIL-STD-130 or QQ-A-650 as found in the ASSIST Website for Government and Industry Specifications and Standards. The second level of detail for the Specification is FSC. In ASSIST each specification document is assigned to a FSC, followed by FSC and FSG. The second level of detail is Specification FSC. In ASSIST each specification document is assigned to a FSC.

- g. Once the level of detail is chosen, the final step in setting up a query for Problem Counts Matching Parameters is to set specific values for desired categories. Setting a value for a category will restrict PQDR counts to only those PQDRs where that category has that value. This is useful if you want to restrict your investigation to a specific area such as a unique FSC or weapon system. Note that if all included categories have values set, only one PQDR count will be returned in the results. You set a specific value by typing the value you want into the specific value text box for the category of interest. Figure 6.3 shows the Supplier category with level of detail set to CAGE Code and a CAGE Code value in the Specific Value (optional) text box.

Figure 6.3

- h. Finally, to put this all together, let's look at a query filtering on a profit center for gaskets that includes Item Type at the NIIN level, Supplier at the CAGE Code level, and Weapon System at the Weapon System Type level where we restrict Weapon System Type to SHIPS. The query is shown in Figure 6.4 and the results in Figure 6.5.
- i. Information about the NIIN and CAGE Code can be investigated further by clicking on the [\[NSN Info\]](#) and [\[CAGE Code Info\]](#) links next to the NIIN and CAGE Code. These links will respectively open up a NIIN search and CAGE search Pin Point see Figures 6.6 and 6.7.

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PQDR Analysis Tool

Search Types

- Show Problem Counts Matching Parameters
- Show Highest Problem Counts For Included Categories
- Show Highest Problem Counts For All Category Combinations

Profit Center

Level of Detail Profit Center (Mandatory, Only one Profit Center permitted)

Profit Center

Analysis Categories

	Level of Detail	Specific Value (optional)
Item Type	<input type="text" value="NIIN"/>	<input type="text"/>
Supplier	<input type="text" value="CAGE Code"/>	<input type="text"/>
Problem Type	<input type="text" value="-Select-"/>	<input type="text"/>
Weapon System	<input type="text" value="Weapon System Type"/>	<input type="text" value="SHIPS"/>
Material	<input type="text" value="-Select-"/>	<input type="text"/>
Specification	<input type="text" value="-Select-"/>	<input type="text"/>

Search Options

Number of results: (Default:20, Maximum:200)

Include Procedural Specifications:

Figure 6.4

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PQDR Analysis Tool - Results

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Analysis Results for Parameters

Type: Top 20 matching results
Profit Center: Profit Center-0001011346
Item Type: NIIN -
Supplier: CAGE Code -
Weapon System: Weapon System Type - SHIPS

Count: 20
 List Download: Click [here](#) to download data in Microsoft Excel format

Report Results

	PQDR Count	NIIN	CAGE Code	Weapon System Type
[Analyze This]	16 [PqdrSummary]	006262420 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	9 [PqdrSummary]	008078427 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	8 [PqdrSummary]	013124032 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	7 [PqdrSummary]	013124179 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	004234867 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	007034456 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	5 [PqdrSummary]	009449646 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	4 [PqdrSummary]	003116328 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	4 [PqdrSummary]	015131361 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	4 [PqdrSummary]	008078427 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	4 [PqdrSummary]	012905199 [NSN Info]	[CAGE Code Info]	SHIPS
[Analyze This]	4 [PqdrSummary]	015131361 [NSN Info]	[CAGE Code Info]	SHIPS

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 Phone : (207) 438-1690 [Email Technical Support](#)
 April 29th, 2016

Figure 6.5

Pin Point

National Stock Number (NSN) Information

NSN or NIIN:

Report Missing or Incorrect Data

Info

FLS: Reference No... (5)
 FLS: Technical Ch... (4)
 FLS: Item Identif... (1)
 CUI Item Identif... (0)

Tech. Info

FLS: Technical Ch... (4)
 CTD: Technical H... (47)
 Extruded Technol... (0)
 Attributes from We... (0)

Mgmt. Info

FLS: Management Da... (0)
 FLS: Material Cat... (2)
 FLS: DEMB Code (1)
 NSN Standardizat... (1)
 Associated NSN (F... (0)
 EBS Management Da... (4)

Proc. History

DLA Procurement HL... (0)
 DLA EBS Procureme... (3)

Results 1 - 5 of 5

FLS: Reference Number Cags Data (Segment C)
 NSN: S330-01-086-1746 [WS1]

Part Number	CAGE	Company Name	RNCC / RWVC	XSB External Data Source(s)
Q2435-4962			7/2	
845-4687550 ITEM 6			7/2	
2642-693-03 ITEM 9			7/2	
2642-693-03 ITEM			0/1	
Q2435-4962			7/1	

Results 1 - 4 of 4

FLS: Technical Characteristics
 NSN: S330-01-086-1746 [WS1]

RNC	RNC Name	RNC Value
ADVN	CROSS-SECTIONAL HEIGHT	0.275 INCHES NOMINAL
SPRT	PROTRUSION # REQUIRE	19 076 INCHES NOMINAL

Figure 6.6

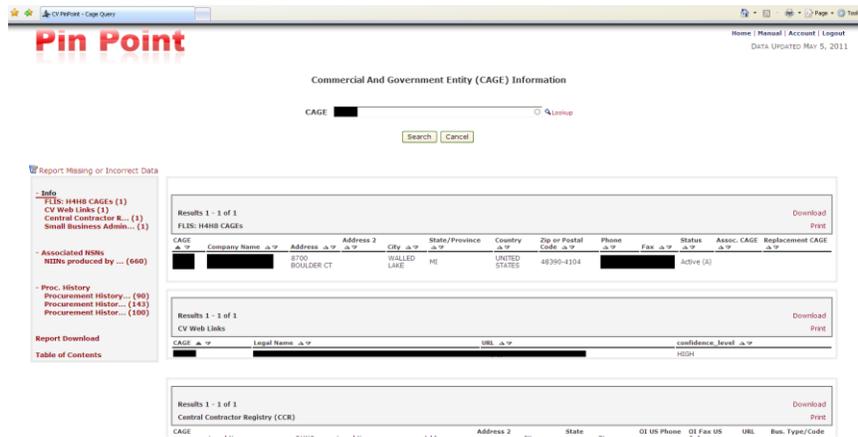


Figure 6.7

- j. Pin Point is a Web tool developed for DLA and maintained by the Defense Standardization Program Office (DSPO) that supports parts research queries based on NSNs, suppliers, or commercial part numbers. These Pin Point links open in a separate window or tab depending on your browser settings, so you can quickly switch back to the PQDR Analysis after investigating a particular NSN or CAGE Code.
- k. There are additional links available when certain result values are returned. If a query returns a Weapon System Designator Code (WSDC) as a result column there will be a [\[WSDC Info\]](#) link. If a specification is returned as a result column there will be a [\[Spec Info\]](#) link. These links will open up WSDC and Specification searches in the Weapon System Impact Tool (WSIT). WSIT is an additional Web tool developed for DLA and maintained by DSPO. WSIT relates Specifications to show their impact on Weapon Systems. Examples of the additional [\[WSDC Info\]](#) and [\[Spec Info\]](#) are shown in Figures 6.8.

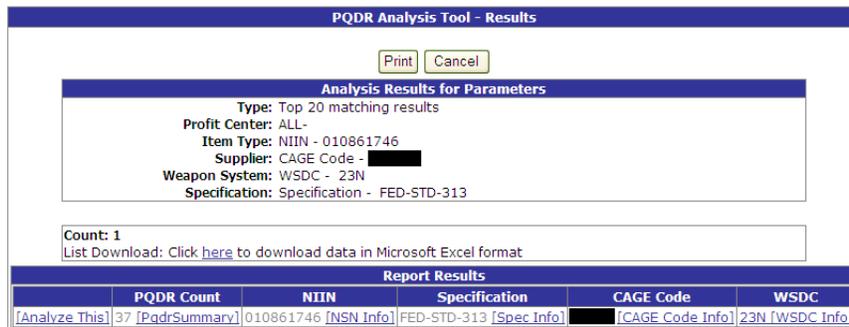


Figure 6.8

7. SUMMARY

This concludes the PQDR Analysis Tool instructions. If you have any questions the PDREP Customer Support Desk is always available to answer them or to assist in data changes or exception processing and can be contacted as follows:

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