

# 232 EXCLUSION PORTAL: Public Data Extract Guide

# TABLE OF CONTENTS

Extracting Data From the 232 Exclusions Portal	2
Step 1: Download the Data	2
Step 2: Load Data into Excel	2
Step 3: Handling Data larger than Excel's Row Limit	7
Step 4: Refreshing the Data	11

# EXTRACTING DATA FROM THE 232 EXCLUSIONS PORTAL

#### The following instructions explain how to import the data from the 232 Exclusions Portal into Excel.

These instructions replace previous guidance in the 232 Exclusions Portal guide. The instructions below outline how to extract data from the Portal. Note: Additional methods may be used, this is just a starting point for all parties.

## STEP 1: DOWNLOAD THE DATA

1a. Navigate to https://232app.azurewebsites.net/data/BIS232Data.zip. This will prompt a .zip file to download.

1b. Once downloaded, extract the contents of the .zip file by right-clicking on the file and selecting 'Extract'. This should be a number of .txt files. Save these file on your computer.

#### STEP 2: LOAD DATA INTO EXCEL

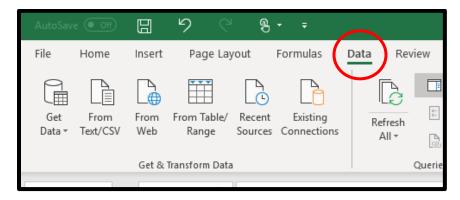
Note: this method should be utilized for the following .txt files:ERProductStandardsERSourceCountriesERToughnessTemperatureExclusionFObjectionRebuttalsOFProductStrengthOFReasonOFReasonForObjection\_ProductionLocationsOFReasonOFReasonForObjection\_SubstituteLocationsOFToughnessTemperatureOFToughnessTemperatureSurrebuttals

ERToughnessJoulesERToughnessShearExclusionRequestsObjectionFilingsOFReasonForObjection\_ManufacturingLocationsOFReasonForObjection\_ProductionSubstituteLocationsOFToughnessJoulesOFToughnessShear

To extract data from the remaining files, please proceed to Step 3.

2a. Open Excel.

2b. Select the 'Data' tab.



2c. Select 'Manage Data Model'. For first time users, you'll have to select "OK" on the Confirmation pop-up.

			Carrin
Text to Flash Remove	Data Consolidate Relations Validation ~	onships Manage Data Model	What-If Fo Analysis ~ S Forecas
			Torcus

2d. Click on "From Other Sources" and then from the pop-up, scroll down to select "Text File", and then "Next".

1 5 C .	Power Piv	ot for Excel - Book1										
File Home De	sign Adva	anced										
Paste Append		From Data From Otl Service - Source Get Externs From	s Connections	Refresh Ph	e l	Data Type : Format : \$ - % > 30 400 Formatting	21 Sort A to Z 21 Sort Z to A Clear Sort Fitters Sort and Filter	Find	Calculations			Calculation Area
-		7	0			ronnaturig	Joir and Filler	ring	carculations		VIEW	
						exists. Others (O Create a co Form an HO Data Feeds Other Feeds Other Feeds Create a co Free a Create a co Free a Create a co Text Files Files Text File T	te a connection to a data source, o EDBODOC) mencion to a data source by using revolder. Import data from the tables <b>and Sources</b> <b>Medyais Services</b> metclon to a SQL Server Analysis i Koutry. metclon to a Microsoft Reporting S <b>is</b> mencion to a data feed. Import data from an Excel file. from a text file	an OLE DB pr or views that Services cube	one that already wider or an OLE D are returned by the a. Import data return rt. Import data from	red		

2e. Click on the "Browse" button and navigate to the folder where you extracted the files. Then select the "ExclusionRequests" file and hit "Open".

Enter the information req	uired to get data from flat files	è.				
Friendly connection name:	Text		<u> </u>			
File Path:			Browse			
Column Separator:	Comma (,)	~	Advanced			
Use first row as column	headers					
		Open				
		← → ~ ↑	Desktop > 232 Data Extract	ٽ ~		ata Extract
		Organize 👻 New f	folder		8=	- 🔳
		Pictures	^ Name	Date	modified	Туре
		This PC	ERProductStrength		2021 12:14 PM	Text Docun
		3D Objects	ERSourceCountries		2021 12:14 PM	Text Docum
		Desktop	ERToughnessJoules		(2021 12:14 PM) (2021 12:14 PM)	Text Docun Text Docun
		Documents	ERToughnessTemperature		2021 12:14 PM	Text Docum
		Downloads	ExclusionRequests		2021 12:14 PM	Text Docur
				11/2	2021 12:14 PM	Text Docur
			ObjectionFilings	11/6/	2021 12:14 PM	lext Docur
Clear Row Filters		Music	ObjectionFilings ObjectionRebuttals		2021 12:14 PM 2021 12:14 PM	Text Docur

2f. Click on the "Advanced" button and then select "Unicode (UTF-16)" for the "Encoding" and then click on "OK".

nenuty connectio	on name: Text ExclusionRequests
ile Path:	carri\Desktop\232 Data Extract\ExclusionRequests.txt Browse
olumn Separator:	: Comma (.) V Advanced
] Use first row as	s column headers
V V F 💌	<b>^</b>
1 ÿþ	Advanced Settings ? ×
2	
3	
4	
5	Encoding: Unicode (UTF-16)
	Locale: UTF-8
6	
6 7	Locale: Unicode (UTF-16)
-	
7 8	Unicode (UTF-16)
7	Unicode (UTF-16)

2g. Check the "Use First row as column headers" box, and after the data loads, click on the "Finish" button.

Table l	mport Wiza	rd				?	$\times$		
	Connect to Flat File Enter the information required to get data from flat files.								
Frie	Friendly connection name: Text ExclusionRequests								
File Path: carri\Desktop\232 Data Extract\ExclusionRequests.txt Browse									
Column Separator: Comma (,) V Advan									
Vuse first row as column headers									
	▼ E ▼	🗹 Com 🔽	Pro	🔽 Publish 🔽	V For	m Nu	^		
1	742	Test Organi	Steel	2019-06-15 04:	0694-0	_			
2	743	Aluminum	Aluminum		0694-0	139			
3	744	Tubos_Reu	Steel	2019-06-20 04:	0694-0	139			
4	745	voestalpine	Steel	2019-06-21 04:	0694-0	139			
5	746	Primrose Al	Steel	2019-06-19 04:	0694-0	139	-		
6	747	voestalpine	Steel		0694-0	139			
7	748	SB Specialt	Steel		0694-0	139			
8	749	Tubos_Reu	Steel	2019-06-21 04:	0694-0	139			
9	750	voestalpine	Steel		0694-0	139			
10	751	Tubos_Reu	Steel	2019-06-21 04:	0694-0	139			
<	750		er 1			· · · · · · · · · · · · · · · · · · ·	*		
	Clear Row I	Filters		$\sim$	_				
			< Back	Next > Fin	ish	Cancel			

2f. Once the data successfully loads click on the "Close" button.

🕑 s	Success				
-					Cancelled: 0 Error: 0
	Success:				
)etails:					
	k Item sionRequests	Status	58,853 rows transfe		Message

2g. Save the file at a specific location on your PC. Note that the Excel worksheet will seem blank.

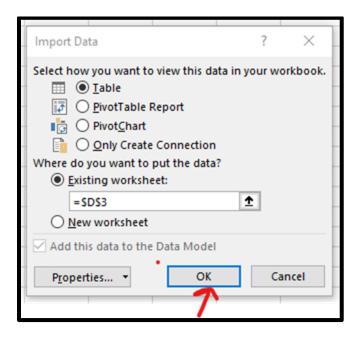
2h. Click on "Data" and then click on "Existing Connections" on the blank worksheet or locate the copy you saved on your PC

File	Home	Inse	ert Pa	age Layout	: Formula:	Data	Review	View	Help	Pow	ver Pivo	t				
Get Data ~		Web	rom Table/ Range	Sources	Existing Connections	Refresh All ~	Queries & C Properties Context		2↓ ∡↓	Z A Z Sort	Filter	Clea	pply	Text to Column	Flash Fill	Ren Dupl
4	Ē	Get & I	Tansionin L	Jala	1				1	1	SOIL & FI	iter	Ť.		Ŷ	
3					Get Data Using an Existing Connection											
4					Import data f	rom comm	on sources.									
5								_								
6																
7																
8																
9																
10																
11																
12																

2i. On the pop-up, click on "Tables", then select the file you saved and click on the "Open" button.

Existing Connections	?	×
Select a Connection or Table		
Show: All Tables		
This Workbook Data Model Tables in Workbook Data Model 1 Table(s)		
Text Surrebuttals		
Surrebuttals [Blank]		
		-
Open		Cancel

2j. On the Import data pop-up, click on the "OK" button.



2k. Click on the "Save" button.

The data has now been loaded into Excel. This contains most of the data from the Exclusion Request form. This process can be repeated for any above the above noted.txt files from the BIS232Data folder.

Please note some of these files contain more rows than can be loaded into Excel directly.

For additional information on manipulating these files, please see Step 3.

STEP 3: HANDLING DATA LARGER THAN EXCEL'S ROW LIMIT								
Note: this method should be utilized for the following .txt files:								
ERChemicalComposition	ERProductClassification	ERProductDimensions						
ERProductProcessing_Processes	ERProductProcessing_ProcessesP	ercentage						
ERProductStrength	OFChemicalComposition	OFProductDimensions						
OFProductProcessing_Processes OFProductProcessing_ProcessesPercentage								

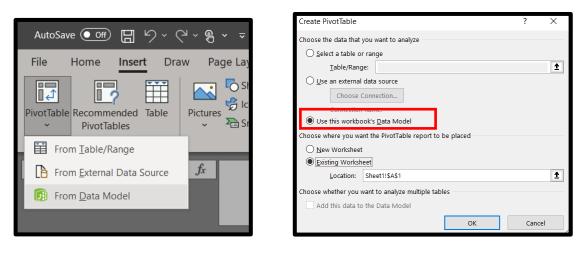
3a. Repeat Steps 2a. through 2f. above with your chosen data source (.txt file).

3b. Once the data has loaded into the Power Pivot Screen, select the "Value" column (or Value Min or Value Max depending on the source), then under the "Data Type" change it from "Text" to "Decimal Number". If you're working with the ERProductClassifcation.txt data, this step should be skipped.

	💵 🛃 🕤	) - C	Power Pi	vot for Exe	el - Book	8						
I	ile Hor	ne Des	ign Adv	/anced								
	🐚 💼 Past	Paste Append				Data 1	Type :	Decimal Number 👻	A Sort Smallest			
		e Replace		⊕ <i>^</i>			LG	Ş	Forma		<u>T</u> ext	, Z↓ Sort Largest t
Ра	ste	у	From Database *	From Data   Service *	From Other Sources	Existing Connections	Refresh	PivotTable ~	\$ -		D <u>a</u> te	😓 Clear Sort
	Clipboar	d		Get Exte	rnal Data					~	Decimal Number	S
[_]	/alue_m	•									Whole Number	
	ERID 💌	_key 🖪	_value_	_min 🖃	_value_	max 🔽 /	Add Colu	Imn			<u>C</u> urrency	
1	17321	Telluri		0	0							
2	86638	Telluri		0	0							
3	252345	Telluri		0	0							
4	253492	Telluri		0	0							

3c. Save the file at a specific location on your PC. Note that the Excel worksheet will seem blank.

3d. Under the "Insert" tab in the Ribbon, either select the drop down under "PivotTable" and then "From Data Model" or, click the PivotTable button and then in the dialogue box select "Use this workbook's Data Model" depending on the version of Excel you have.



3e. In the dialogue box that pops up, click "Ok"

3f. In the PivotTable Fields Menu, expand the table to reveal the fields

PivotTable Fields Active   All	<del>~</del> ×
Choose fields to add to report:	<ul> <li></li></ul>
Search	Q
ERChemicalComposition ERID	

3g. Drag the ERID field into the "Rows" well, the "key" field into the "Columns" well, and the "value" field(s) into the "Values" well. If you're working with the ERProductClassifcation.txt data, skip to step 3i. Note, this may move quicker if you filter for a specific ID or set of IDs prior to dragging the "value" field(s) into the "Values" well.

Drag fields between areas below:				
<b>T</b> Filters	Columns			
	_key 🔻			
	∑ Values 🔹			
Rows	Σ Values			
■ Rows       ERID	Σ Values Sum of _value_min ▼			
	Sum of _value_min			

3h. Click save. The data has now been loaded into Excel.

3i. For the ER Product Classification.txt data, right click on "ERProductClassification" within the PivotTable Fields menu and select "Add Measure"

Q	R	PivotTable Fields Active All Choose fields to add to report: Search > ERChemicalComposition	× ▼ ©⊽ ر
	Add Me	asure	
	Show in	Active Tab	

3j. In the dialogue box that pops up, enter "Classification" for the Measure Name and Value Description, and then paste the following formula into the Formula box:

=CONCATENATEX(ERProductClassification,CONCATENATE(ERProductClassification[\_key], CONCATENATE(":",ERProductClassification[\_value])),", ")

Measure	?	×		
<u>T</u> able Name:	ERProductClassification	$\sim$		
Measure Name:	Classification			
Value <u>D</u> escription:	Classification			
Eormula: $f_x$	Check DAX Formula			
=CONCATENATEX(ERProductClassification,CONCATENATE(ERProductClassification[_key],CONCATENATE(":",ERPr oductClassification[_value])), ", ")				

3k. Select "Ok"

3l. In the PivotTable Fields, drag the ID field to the "Rows" well and the new Classification measure to the "Values" well. Note: this may move quicker if you filter to a specific ID or set of IDs prior to dragging the measure to the "Values" well.

Drag fields between areas below:				
Y Filters	Columns			
	_			
	Σ Values			
ERID	∑ Values Classification ▼			

3m. Click "Save". All the product classifications will now be in a single cell for each ID.

### STEP 4: REFRESHING THE DATA

4a. Repeat Step 1, saving the new .txt files in the same location and under the same name as the original file. If prompted to replace existing file, click 'Replace the file in the destination'.

-	📭 Replace or Skip Files		×
	Copying 1 item from BIS232Data (4) to BIS232Data The destination already has a file named "BIS232DataExtract.json"		
	$\checkmark$ Replace the file in the destination		
	Skip this file		
	Compare info for both files		
	⊘ More details		

4b. Under the Data tab, click 'Refresh All'. This will update your Data.

