Pennsylvania
Department of Education

Pennsylvania Information Management System

PATI Survey Data Entry Tool User Manual

Intermediate Unit Survey

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V2.0

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Introduction

Every year the Pennsylvania Department of Education (PDE) gathers technology-related data through a variety of surveys that comprise the Pennsylvania Technology Inventory (PATI). PATI is used for required federal and state technology reporting, as well as, providing data for LEAs as they plan for the strategic use of local technology resources.

Starting for 2011-12, the PATI Survey response data will be collected in the Pennsylvania Information Management System (PIMS). PDE realizes that unlike most data submitted to PIMS, responses to the PATI Survey are most likely not stored in an LEA's student information system, and in fact may not be stored in a database at all. For this reason PDE provides the PATI Survey Data Entry Tool to provide an easy-to-use tool to complete the survey and save the data in PIMS format.

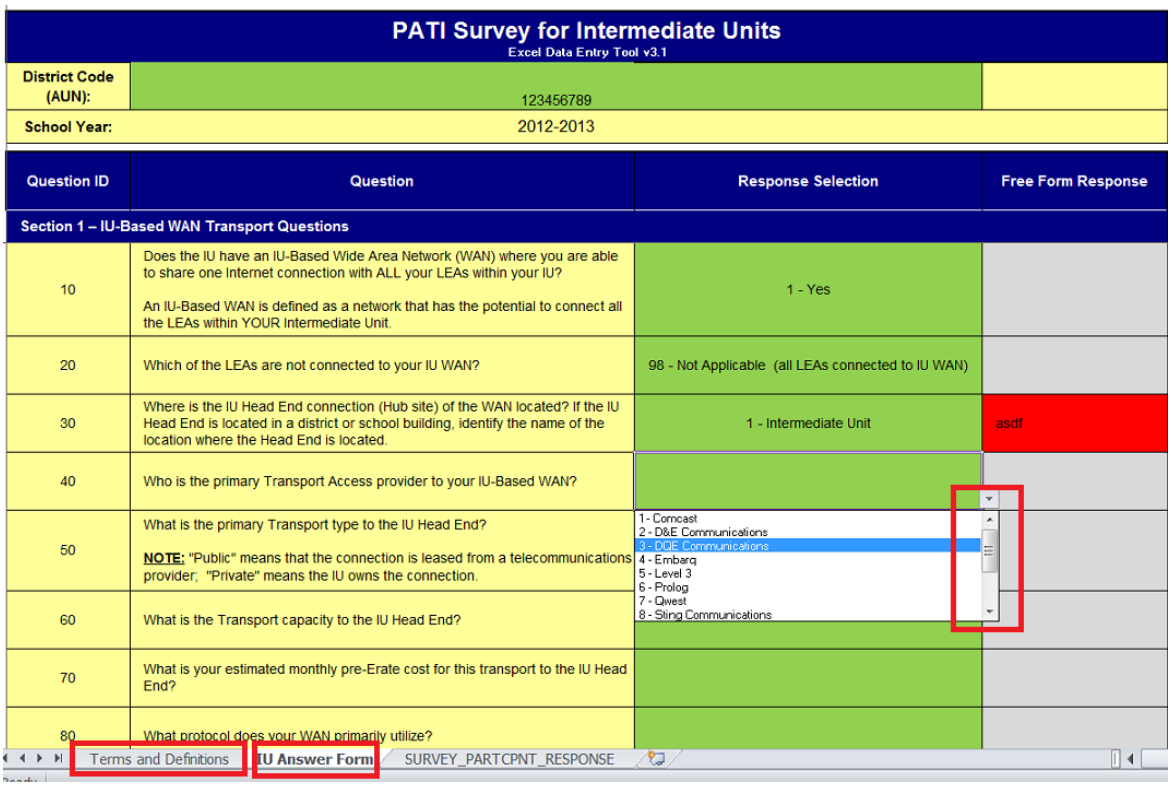
PATI Survey Data Entry Important Notes

Important notes about using the PATI Survey Data Entry Tool:

- The PATI Survey Data Entry Tool is comprised of multiple sheets or tabs within a single Microsoft Excel workbook. The workbook is provided in .XLS (Excel 97-2003) format and is compatible with all recent versions of Excel for both Mac and Windows.
- The first sheet in the workbook (Definitions) is a list of definitions for terms used in the survey such as ISP, WAN and several others. The second sheet (AnswerForm) is where a user will enter the appropriate answers to the questions that are relevant to Intermediate Units (IUs). The last sheet (SURVEY_PARTCPNT_RESPONSE) is created by the tool based on the answers entered in the AnswerForm sheet. This last sheet formats the responses into the format required for the PIMS Survey Participant Response Template.
- Each of the Excel sheets are "locked" to preserve the formatting. The only editable cells in the worksheets are the response entry boxes in the AnswerForm sheet. This guards against the inadvertent deletion or addition of questions, columns or other formatting changes that would make the format inconsistent with PIMS.
- To submit a completed survey file to PIMS, the user will save the template formatted sheet (SURVEY_PARTCPNT_RESPONSE) in comma separated value format (CSV). If changes/corrections are required after saving as CSV it is imperative that these corrections are made within the AnswerForm sheet in the Excel version of the file, not the CSV version. After the corrections are completed the Excel file will then need to be saved as CSV again for re-submission to PIMS. If corrections are made to the CSV all formatting and validations applied to the sample files will be lost.

Instructions

The PATI Survey Data Entry Tool is comprised of multiple sheets or tabs within a single Microsoft Excel workbook. Open the Excel file and select the AnswerForm sheet by clicking on the second sheet at the bottom of the screen. To begin the survey, enter the Administrative Unit Number (AUN) for your Intermediate Unit in the cell labeled District Code and verify that the correct School Year is selected in the drop down box.



PATI Survey for Intermediate Units

Excel Data Entry Tool v3.1

District Code (AUN):	123456789	
School Year:	2012-2013	

Question ID	Question	Response Selection	Free Form Response
Section 1 – IU-Based WAN Transport Questions			
10	Does the IU have an IU-Based Wide Area Network (WAN) where you are able to share one Internet connection with ALL your LEAs within your IU? An IU-Based WAN is defined as a network that has the potential to connect all the LEAs within YOUR Intermediate Unit.	1 - Yes	
20	Which of the LEAs are not connected to your IU WAN?	98 - Not Applicable (all LEAs connected to IU WAN)	
30	Where is the IU Head End connection (Hub site) of the WAN located? If the IU Head End is located in a district or school building, identify the name of the location where the Head End is located.	1 - Intermediate Unit	asdf
40	Who is the primary Transport Access provider to your IU-Based WAN?		
50	What is the primary Transport type to the IU Head End? **NOTE:** "Public" means that the connection is leased from a telecommunications provider; "Private" means the IU owns the connection.	1 - Comcast 2 - D&E Communications 3 - DDE Communications 4 - Embarq 5 - Level 3 6 - Prolog 7 - Qwest 8 - Sting Communications	
60	What is the Transport capacity to the IU Head End?		
70	What is your estimated monthly pre-Erate cost for this transport to the IU Head End?		
80	What protocol does your WAN primarily utilize?		

Terms and Definitions | IU Answer Form | SURVEY_PARTCPNT_RESPONSE

Figure 1: AnswerForm Sheet

The relevant survey questions for Intermediate Units are pre-populated with drop down boxes to select a response from the list of valid selections specified in the PIMS User Manual. Please note the drop down boxes are scrollable, if you do not see the appropriate answer be sure to scroll all the way to the bottom of the list to view all of the potential answers. There is also space provided to enter free form responses where applicable.

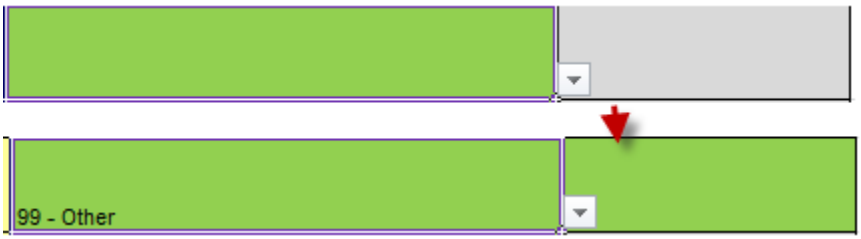


Figure 2: Conditional Formatting Example

The AnswerForm sheet includes formatting to indicate where responses are required; any cell shaded green requires a response. All of the questions require a response in the Response Selection column. Free form responses should only be entered when the drop down response selected is 99. When 99 is selected the corresponding cell in the Free Form Response column will turn green, otherwise it will remain gray. If free form text is entered for any selection other than 99 the cell will appear highlighted in red to indicate an error. When entering a free form response, please do not insert commas into your free form response answers. Commas will result in errors when the final file is uploaded to PIMS.

After entering the answers to the survey within the AnswerForm sheet, the relevant data is populated on the third sheet (SURVEY_PARTCPNT_RESPONSE) and formatted in PIMS Survey Participant Response Template format.

DISTRICT CODE	SURVEY_NAME	SURVEY ADMINISTRATION	PARTICIPANT ID	SURVEY QUESTION ID	SURVEY CHOICE VALUE	FREE FORM RESPONSE TEXT
123456789	PATI_IU	2013-06-30	123456789	10	1	
123456789	PATI_IU	2013-06-30	123456789	20	98	
123456789	PATI_IU	2013-06-30	123456789	30	99	XYZ building
123456789	PATI_IU	2013-06-30	123456789	40		
123456789	PATI_IU	2013-06-30	123456789	50		
123456789	PATI_IU	2013-06-30	123456789	60		
123456789	PATI_IU	2013-06-30	123456789	70		
123456789	PATI_IU	2013-06-30	123456789	80		
123456789	PATI_IU	2013-06-30	123456789	90		
123456789	PATI_IU	2013-06-30	123456789	100		
123456789	PATI_IU	2013-06-30	123456789	110		
123456789	PATI_IU	2013-06-30	123456789	120		
123456789	PATI_IU	2013-06-30	123456789	130		
123456789	PATI_IU	2013-06-30	123456789	140		

Terms and Definitions | IU Answer Form | SURVEY_PARTCPNT_RESPONSE

Figure 3: SURVEY_PARTCPNT_RESPONSE Sheet

<u>To create a file that can be submitted to PIMS, select the SURVEY_PARTCPNT_RESPONSE sheet by clicking the tab at the bottom of the screen. This is required in order for Excel to save data from the appropriate sheet.</u>

Follow the instructions below. Note that depending on the version of Excel you are using your screen may appear different than the screenshots below, but the labels and commands (File, Save As…) will be the same.

1. Click FILE
2. SAVE AS

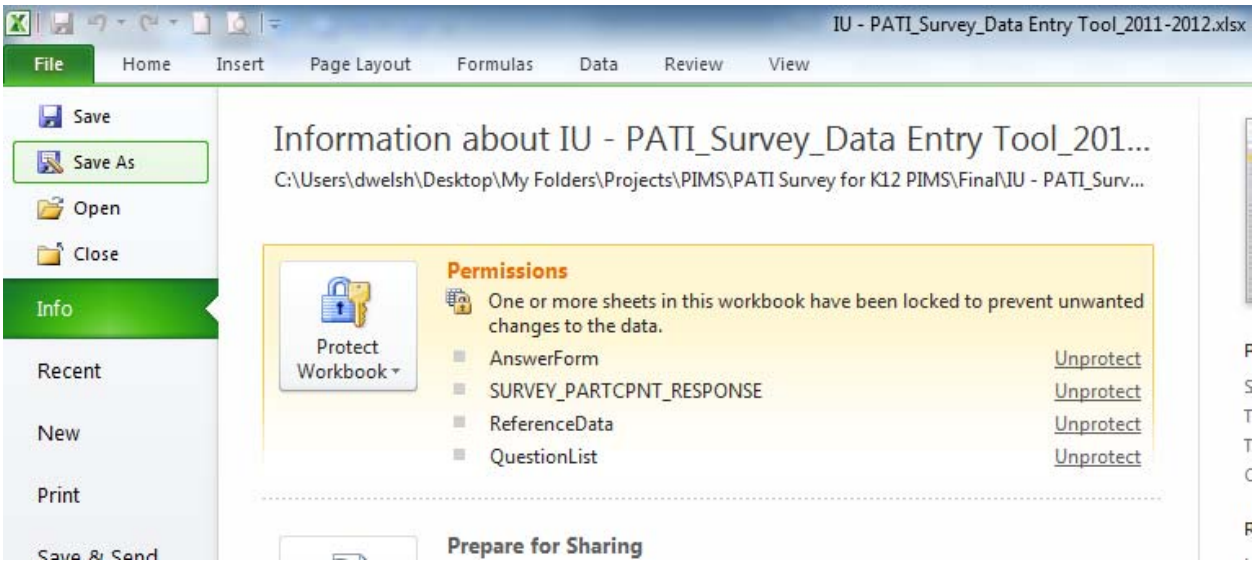


Figure 4: Saving the Survey Results as a CSV – part 1

The file naming convention is specified in the user manual. It includes:

- District Code = 9-digit Administrative Unit Number
- Target Table (located on template)
  - Example: "SURVEY_PARTCPNT_RESPONSE"
- Date/Time Stamp (YYYYMMDDhhmm)
  - Example: "201208251014"
- File Type
  - As shown in Figure 4 - Select "CSV (Comma delimited) (*.csv)

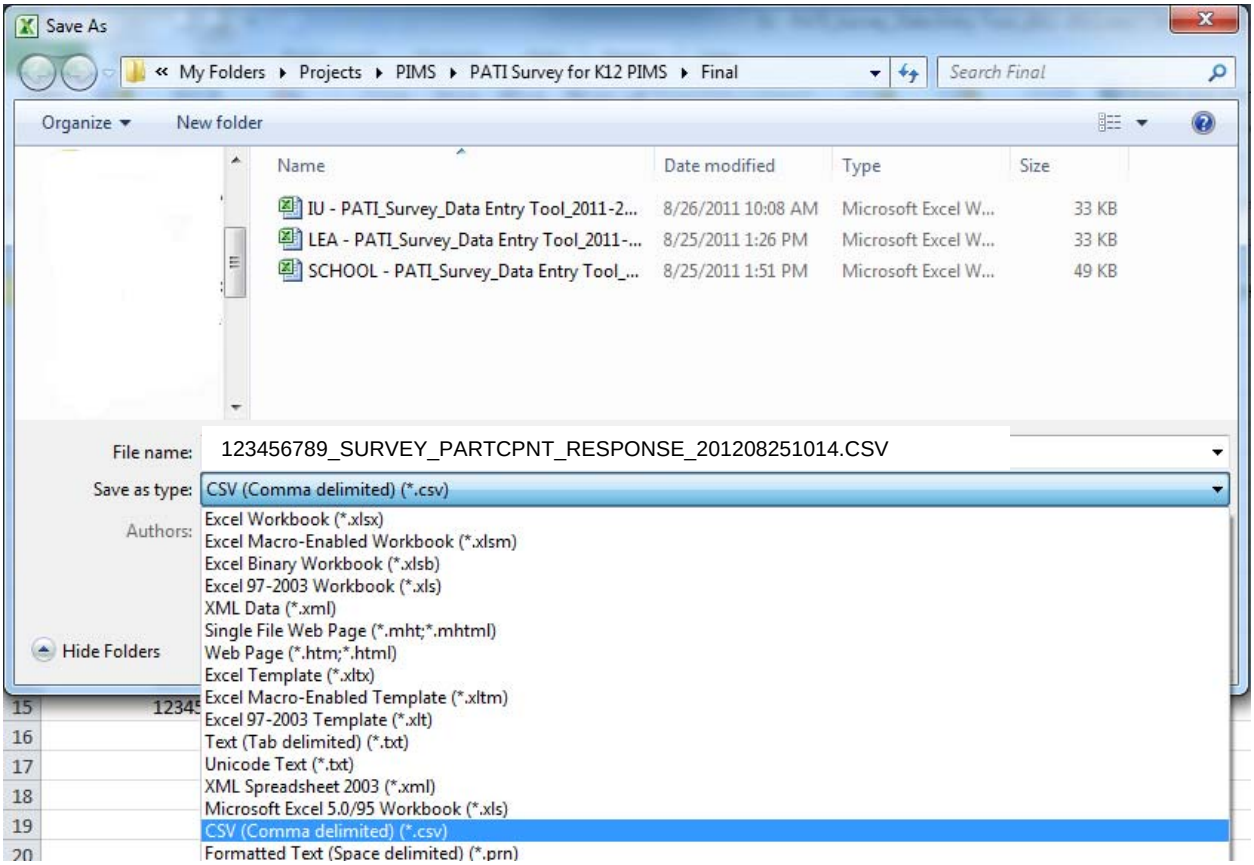


Figure 5: Saving the Survey Results as a CSV – part 2

IMPORTANT: If you open the CSV file after saving it, Excel will automatically reformat the plain-text data for fields that contain dates and codes that contain leading zeros to Excel's default formats that PIMS will not accept. As described earlier, any changes to the data should be made in the Excel version of the file and then the SURVEY_PARTCPNT_RESPONSE sheet should be re-saved as a CSV.

Please note that the CSV file will include a header row. When the PIMS Administrator uploads this file to PIMS he or she will need to check the checkbox next to "File/All files within Zip file contain headers".