



Using Microsoft Excel as a TAILS extension

Tracking
And
Integrated
Logging
System

Pivot Tables & Pivot Charts

Using Excel as a TAILS extension: Pivot Tables/Charts

TAILS Reports: Getting your data out

- ◆ TAILS has a large set of Reports, including;
 - Office Reports, Ad-Hoc Reports, Geographic Reports, etc
- ◆ Query these focused reports and review result,
- ◆ Reports provide query result summary / export.

The screenshot displays the TAILS Reports interface. At the top, there are navigation tabs: Super Bundles, Bundles, Section 7, CPA, Contam, HCP, Other, Reports, and Customize. Below this, a table of activity records is shown. The table has columns for Lead Region, Lead Office, Fiscal Year, Activity Code, Activity Title, Activity Type, Status, Staff Lead, Start (Received), and Due Date. Three records are visible, all with a Lead Region of 6 and a Status of Concluded. The first record is for 'Zedds Bench Vegetation Treatment' with Activity Code 65411-2009-FA-0114. The second record is for 'Pole Canyon Vegetation Treatment' with Activity Code 65411-2009-FA-0115. The third record is for 'Pole Canyon Vegetation Treatment' with Activity Code 65411-2009-FA-0116. Below the table, there are export options: CSV, Excel (highlighted with a yellow box), PDF, and ArcMap. Below the export options, there is a summary section: 'Map Results (only results with point locations are mappable)', 'Number of records returned: 1682', 'Number of unique Activity Codes returned: 875', and a query string: 'Query: Lead Office=65411 AND Activity Type=FedAct'.

Lead Region	Lead Office	Fiscal Year	Activity Code	Activity Title	Activity Type	Status	Staff Lead	Start (Received)	Due Date
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2009	65411-2009-FA-0114	Zedds Bench Vegetation Treatment	FedAct	Concluded	Herrmann, Betsy	05/22/2009	06/17/2009
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2009	65411-2009-FA-0115	Pole Canyon Vegetation Treatment	FedAct	Concluded	Herrmann, Betsy	05/22/2009	06/18/2009
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2009	65411-2009-FA-0116	Pole Canyon Vegetation Treatment	FedAct	Concluded	Herrmann, Betsy	05/22/2009	06/18/2009

Office Reports

Ad-Hoc Reports

Setting a Query Definition

Reviewing Report Result

Summary & Exports

Excel as an
Export Option

Tracking
And
Integrated
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Using Excel as a TAILS extension: Pivot Tables/Charts

TAILS Reports: Getting your data out

◆ Excel is seen as an extension to TAILS

– No need to recreate Excel's capabilities in TAILS

– Hierarchical Sorting, Filtering, Pivot Tables/Charts

Turn this  In to this

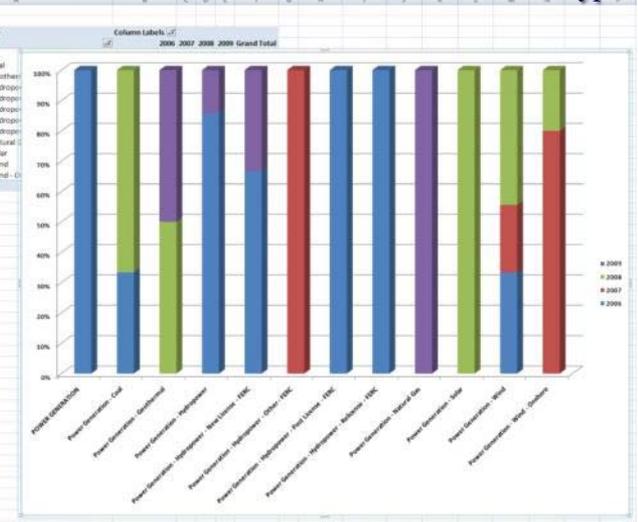
Raw data export from TAILS

All Utah Conservation Planning Assistance Activities

Lead	Region	Lead Office	Fiscal Year	Activity Code	Activity Title	Activity Type	Status	Staff Lead
1	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2000	60413-2003-FA-0004	Life Thriller Initiative: Big Springs Unit and Youth Camp Unit	Feasib	Concluded	Abate, Paul
2	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2000	60413-2003-FA-0003	Flute Lake NF Off-highway Vehicle (OHV) Route Designation Project	Feasib	Concluded	Abate, Paul
3	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60411-2006-FA-0003	Scoping Notice for the Dangling Rope Telecommunications Project EA	Feasib	Concluded	Hermann, Betty
4	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60411-2006-FA-0003	US-4 Improvements Between I-15 in Spanish Fork and I-70 Near Green River	Feasib	Concluded	Hermann, Betty
5	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Onna Perfille Exploration Project	Feasib	Concluded	Abate, Paul
6	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60411-2006-FA-0002	05-77-025A - Beaver County	Feasib	Concluded	Abate, Paul
7	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0003	05-43-205A, Green River, Aurora Gathering LLC	Feasib	Concluded	Hermann, Betty
8	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	05-43-205A, Green River, Aurora Gathering LLC	Feasib	Concluded	Abate, Paul
9	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	05-43-205A, Green River, Aurora Gathering LLC	Feasib	Concluded	Abate, Paul
10	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60411-2006-FA-0003	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
11	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0006	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
12	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0008	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
13	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0008	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
14	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0008	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
15	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0008	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
16	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0008	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
17	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0008	05-43-205A - Washington County	Feasib	Concluded	Abate, Paul
18	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
19	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
20	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
21	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
22	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
23	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
24	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
25	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
26	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
27	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
28	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
29	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
30	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
31	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
32	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
33	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
34	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
35	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
36	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
37	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
38	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
39	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
40	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
41	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
42	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
43	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
44	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
45	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
46	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0004	Scoping Document for the Alibon Hollow Timber Stand Improvement Project	Feasib	Concluded	Megown, Bekke
47	8	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	60413-2006-FA-0009	Final EA, Normal Fire Year Stabilization and Rehabilitation for Moab BLM	Feasib	Concluded	Megown, Bekke

Storytelling Data/Charts

Trends of Utah CPAs with 'Power' Action/Work Types



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Here's how.

Using Excel as a TAILS extension: Pivot Tables/Charts

Selecting the data to 'pivot'

◆ Select the entire dataset with Control + 'A' or

Click here.

Lead_Region	Lead_Office	Fiscal_Year	Activity_Code	Activity_Title	Activity_Type	Status	Staff_Lead	Start
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2003	65411-2003-FA-0004	Ute Tribe Hatchery: Big Springs Unit and Youth Camp Unit	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2005	65411-2005-FA-0001	Fishlake NF Off-Highway Vehicle (OHV) Route Designation Project	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0003	Scoping Notice for the Dangling Rope Telecommunications Project EA	FedAct	Concluded	Herrmann, Betsy	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0005	US-6 Improvements Between I-15 in Spanish Fork and I-70 Near Green River	FedAct	Concluded	Herrmann, Betsy	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0014	Dina Perlite Exploration Project	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0020	05-77-08SA - Beaver County	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0023	05-43-25SA, Green River, Aurora Gathering LLC	FedAct	Concluded	Herrmann, Betsy	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0028	05-81-56SA - Dana A. Truman	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0035	05-81-54SA - Washington County	FedAct	Concluded	Chart, Tom	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0036	05-81-55SA - Washington County	FedAct	Concluded	Chart, Tom	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0038	ER 05/08S1 - EA for the Boulder Creek Hydro Project	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0039	FEIS and Record of Decision for Castle peak and Eighthmile Flat Oil and Gas Expansion Project	FedAct	Concluded	Whittington, Diana	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0039	FEIS and Record of Decision for Castle peak and Eighthmile Flat Oil and Gas Expansion Project	FedAct	Concluded	Whittington, Diana	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0041	Construction of Six Wind Monitoring Towers on BLM Lands	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0041	Construction of Six Wind Monitoring Towers on BLM Lands	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0041	Construction of Six Wind Monitoring Towers on BLM Lands	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0041	Construction of Six Wind Monitoring Towers on BLM Lands	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0044	Scoping Document for the Ahlstrom Hollow Timber Stand Improvement Project	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0044	Scoping Document for the Ahlstrom Hollow Timber Stand Improvement Project	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0044	Scoping Document for the Ahlstrom Hollow Timber Stand Improvement Project	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0045	Revision of Water Storage Elevation at Stenlaker Reservoir	FedAct	Concluded	Herrmann, Betsy	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0046	Enduring Resource's West Bonanza Field Development (UT-080-2006-076)	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0046	Enduring Resource's West Bonanza Field Development (UT-080-2006-076)	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0046	Enduring Resource's West Bonanza Field Development (UT-080-2006-076)	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0056	05-63-13SA, Sevier Valley Canal Company	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0057	05-75-05SA, Brian Head Town	FedAct	Active	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0058	64-Unit Multi-Family Apartment Complex Orchard Park, Grantsville	FedAct	Concluded		
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0059	Lost Spring Aspen Project	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0059	Lost Spring Aspen Project	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0059	Lost Spring Aspen Project	FedAct	Concluded	Megown, Bekee	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0061	05-81-58SA, Washington County	FedAct	Concluded	Chart, Tom	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0068	05-81-59SA, Robert Browning Lichfield Family Ltd.	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0089	Draft Plan and EA for Silt, Colorado, Salinity Control Project	FedAct	Concluded	Jordan, Lucy	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0089	Draft Plan and EA for Silt, Colorado, Salinity Control Project	FedAct	Concluded	Jordan, Lucy	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0090	5 Year Study Plan by the Joint Fire Science Program	FedAct	Concluded	Schwager, Kate	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0090	5 Year Study Plan by the Joint Fire Science Program	FedAct	Concluded	Schwager, Kate	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0090	5 Year Study Plan by the Joint Fire Science Program	FedAct	Concluded	Schwager, Kate	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0091	3 Oil and Gas Wells-Skyline, Potters Pond, Rolfsen Reservoir	FedAct	Concluded	Whittington, Diana	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0091	3 Oil and Gas Wells-Skyline, Potters Pond, Rolfsen Reservoir	FedAct	Concluded	Whittington, Diana	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0094	Griffin Spring Travel Management Project	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0095	3900 South Street Improvements between Highland/Wasatch Blvd.	FedAct	Active		
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0096	Exploratory Drilling on UT State Coal Lease Proposal fr. Energy West Pacificorp	FedAct	Concluded	Whittington, Diana	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0097	Land and Resource Management Plan, Vision Package, Manti-La Sal NF	FedAct	Concluded	Herrmann, Betsy	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0098	Rotenone Treatment of Willow Creek Drainages in the Book Cliffs	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0098	Rotenone Treatment of Willow Creek Drainages in the Book Cliffs	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0098	Rotenone Treatment of Willow Creek Drainages in the Book Cliffs	FedAct	Concluded	Abate, Paul	
6	UTAH ECOLOGICAL SERVICES FIELD OFFICE	2006	65411-2006-FA-0099	Final EA, Normal Fire Year Stabilization and Rehabilitation for Moab BLM	FedAct	Concluded	Megown, Bekee	

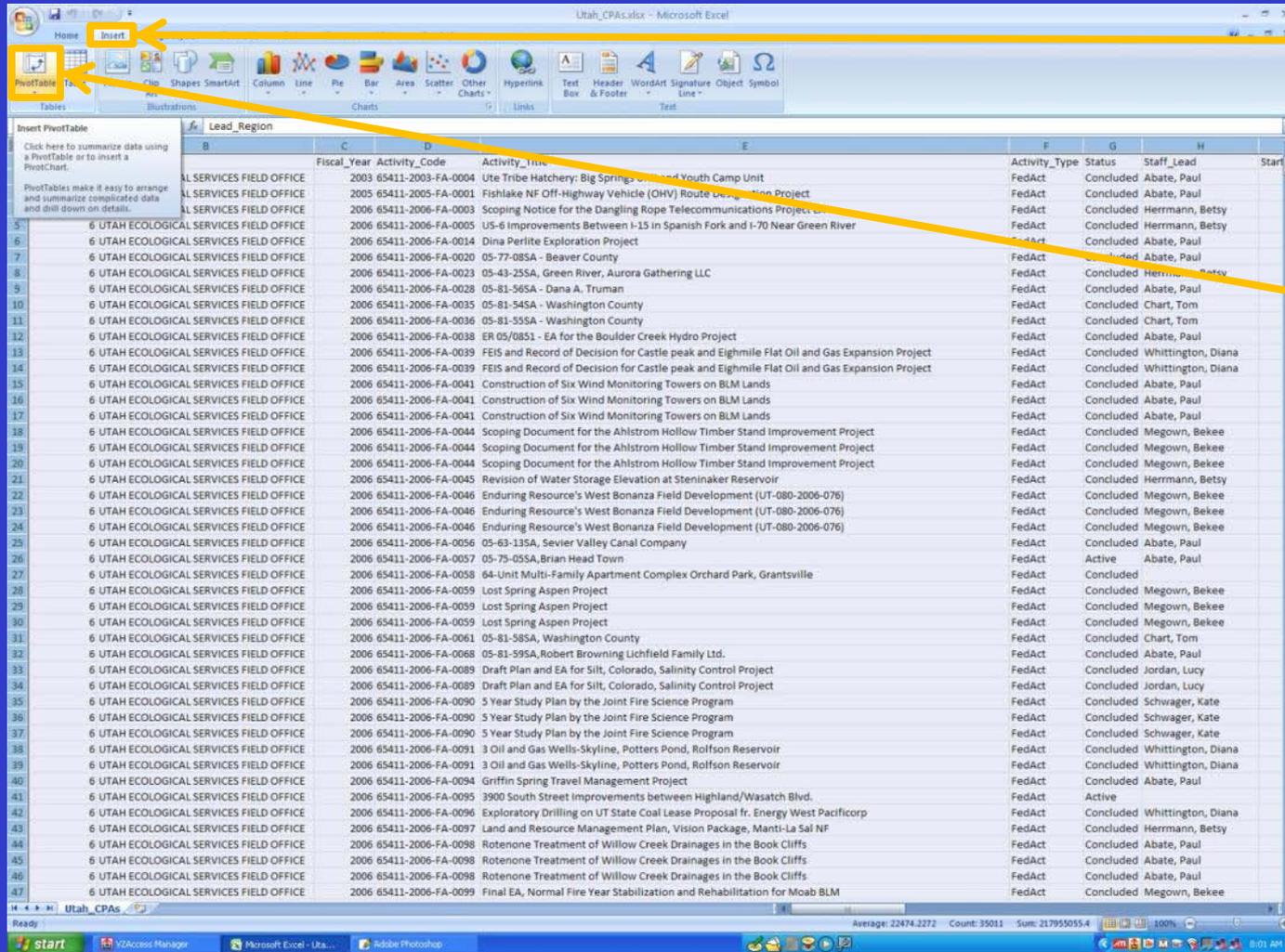
Data table will 'highlight' in light blue.

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Using Excel as a TAILS extension: Pivot Tables/Charts

Build a Pivot Table

◆ From the 'Insert' tab, select 'Pivot Table'.



Select the 'Insert' tab.

Select to insert a 'Pivot Table'

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Using Excel as a TAILS extension: Pivot Tables/Charts

Build a Pivot Table

◆ Accept the defaults and click 'OK'.

Utah_CPAs!\$A:\$AO

Choose the data that you want to analyze

Select a table or range

Table/Range: Utah_CPAs!\$A:\$AO

Use an external data source

Choose where you want the PivotTable report to be placed

New Worksheet

Existing Worksheet

Location:

OK Cancel

Accept default.

Put into a new worksheet.

Click OK.

Tracking
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Build a Pivot Table

- ◆ Understanding the ‘Pivot Table Wizard’.

Pivot Table Wizard

Pivot Table Field List

Pivot Table Worksheet Area

Pivot Table Filter Area

Pivot Table Columns Area

Pivot Table Row Area

Pivot Table Values Area

Tracking
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Using Excel as a TAILS extension: Pivot Tables/Charts

Build a Pivot Table

◆ Place a field (Primary Action/Work Type) in Row Labels.

Utah_CPAs.xlsx - Microsoft Excel

PivotTable Tools: Options, Design

PivotTable Name: Active Field

PivotTable: Primary Action_W

PivotTable: Active Field

Row Labels

Row Labels

1

2

3

4 ** OTHER **

5 AGRICULTURE

6 Agriculture - Grazing - Ongoing Activities

7 Agriculture - Grazing - Ongoing Activities - Cattle

8 Agriculture - Grazing - Ongoing Activities - Sheep

9 Agriculture - Grazing - Permit Renewal

10 Agriculture - Grazing - Permit Renewal - Cattle

11 Agriculture - Grazing - Permit Renewal - Sheep

12 Agriculture - Irrigation

13 Agriculture - Irrigation - Ditch/Canal - Maintenance / Modification / Replacement / Upgrade

14 Agriculture - Weed Control / Vegetation Management

15 Animal Control

16 Biological Control

17 Bridge - Maintenance / Modification / Replacement / Upgrade - Federal

18 Bridge - New Construction - Federal

19 Bridge - New Construction - Non Federal

20 BRIDGE CONSTRUCTION / MAINTENANCE

21 COMMUNICATIONS TOWER

22 Communications Tower - Maintenance / Modification / Replacement / Upgrade

23 Communications Tower - New Construction

24 DAM

25 Dam - Maintenance / Modification / Replacement / Upgrade - Federal

26 Dam - Maintenance / Modification / Replacement / Upgrade - Non Federal

27 Dam - New Construction - Non Federal

28 Dam - Operations - Federal

29 Dam - Operations - Non Federal

30 DEVELOPMENT

31 Development - Commercial

32 Development - Residential

33 Development - Tribal

34 DREDGE / EXCAVATION

35 Fill - Stream

36 Fill - Wetland

37 FIRE

38 Fire - Burned Area Emergency Rehabilitation (BAER)

39 Fire - Prescribed Burn

40 FORESTRY

41 Forestry - Harvest

42 Forestry - Other

43 Forestry - Weed Control / Vegetation Management

44 Forestry - Wildland Urban Interface (WUI)

45 Guidance

46 LAND - DISPOSAL / TRANSFER

47 LAND - MANAGEMENT PLANS

PivotTable Field List

Choose fields to add to report:

- Lead_Region
- Lead_Office
- Fiscal_Year
- Activity_Code
- Activity_Title
- Activity_Type
- Status
- Staff_Lead
- Start_Received_Date
- Due_Date
- PWS_Response_Conclusion_Date
- Primary_Action_Work_Type
- Performance_Reporting_Category_Innapped_From_Primary_Action_Work...
- Priority
- Secondary_Action_Work_Type
- Early_Planning
- Authority_Response_Type
- PWS_Position_Activity_Level
- Final_Decision_Date
- Final_Decision_Date_Fiscal_Year
- Scale_Level_of_Approach
- CBRS_Property_Determination
- CBRA_Consistency_Consultation
- Wetland_Acres
- Coastal_Wetland_Acres

Drag fields between areas below:

Report Filter

Column Labels

Row Labels

Primary_Action_Work_Type

Values

Single click
on
Field Name
in
Field List

Hold
Mouse
button
down and
drag to
Row Area

Release
Mouse
Button

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Build a Pivot Table

◆ Place a field (Fiscal Year) in Column Labels.

The screenshot shows the Microsoft Excel interface with a PivotTable. The PivotTable Field List on the right side of the window is open, and the 'Fiscal Year' field is selected and dragged to the 'Column Labels' area. The main spreadsheet shows a list of activities in row labels and years in column labels.

	2003	2005	2006	2007	2008	2009 (blank)	Grand Total
Row Labels							
** OTHER **							
AGRICULTURE							
Agriculture - Grazing - Ongoing Activities							
Agriculture - Grazing - Ongoing Activities - Cattle							
Agriculture - Grazing - Ongoing Activities - Sheep							
Agriculture - Grazing - Permit Renewal							
Agriculture - Grazing - Permit Renewal - Cattle							
Agriculture - Grazing - Permit Renewal - Sheep							
Agriculture - Irrigation							
Agriculture - Irrigation - Ditch/Canal - Maintenance / Modification / Replacement / Upgrade							
Agriculture - Weed Control / Vegetation Management							
Animal Control							
Biological Control							
Bridge - Maintenance / Modification / Replacement / Upgrade - Federal							
Bridge - New Construction - Federal							
Bridge - New Construction - Non Federal							
BRIDGE CONSTRUCTION / MAINTENANCE							
COMMUNICATIONS TOWER							
Communications Tower - Maintenance / Modification / Replacement / Upgrade							
Communications Tower - New Construction							
DAM							
Dam - Maintenance / Modification / Replacement / Upgrade - Federal							
Dam - Maintenance / Modification / Replacement / Upgrade - Non Federal							
Dam - New Construction - Non Federal							
Dam - Operations - Federal							
Dam - Operations - Non Federal							
DEVELOPMENT							
Development - Commercial							
Development - Residential							
Development - Tribal							
DREDGE / EXCAVATION							
Fill - Stream							
Fill - Wetland							
FIRE							
Fire - Burned Area Emergency Rehabilitation (BAER)							
Fire - Prescribed Burn							
FORESTRY							
Forestry - Harvest							
Forestry - Other							
Forestry - Weed Control / Vegetation Management							
Forestry - Wildland Urban Interface (WUI)							
Guidance							
LAND - DISPOSAL / TRANSFER							

Single click
on
Field Name
in
Field List

Hold
Mouse
button
down and
drag to
Columns
Area

Release
Mouse
Button

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Logging
System

Using Excel as a TAILS extension: Pivot Tables/Charts

Build a Pivot Table

◆ Place a field (*Activity_Code*) in Values Area.

Utah_CPAs.xlsx - Microsoft Excel

PivotTable Tools: Options, Design

PivotTable Name: Count of Activity_Code

Active Field: Count of Activity_Code

PivotTable Field List

Choose fields to add to report:

- Lead_Office
- Fiscal_Year
- Activity_Code
- Activity_Title
- Activity_Type
- Status
- Staff_Lead
- Start_Received_Date
- Due_Date
- PWS_Response_Conclusion_Date
- Primary_Action_Work_Type
- Performance_Reporting_Category_Mapped_from_Primary_Action_Work...
- Priority
- Secondary_Action_Work_Type
- Early_Planning
- Authority_Response_Type
- PWS_Position_Activity_Level
- Final_Decision_Date
- Final_Decision_Date_Fiscal_Year
- Scale_Level_of_Approach
- CBRS_Property_Determination
- CBRA_Consistency_Consultation
- Wetland_Acres
- Coastal_Wetland_Acres
- Inland_Acres

Drag fields between areas below:

Report Filter: Fiscal_Year

Column Labels: Fiscal_Year

Row Labels: Primary_Action_Work_Type

Values: Count of Activity_Code

	2003	2005	2006	2007	2008	2009 (blank)	Grand Total
Count of Activity_Code							
Row Labels							
** OTHER **			4	15	9	2	30
AGRICULTURE							1
Agriculture - Grazing - Ongoing Activities			4	5	1	2	12
Agriculture - Grazing - Ongoing Activities - Cattle			1	1	1	1	4
Agriculture - Grazing - Ongoing Activities - Sheep						1	1
Agriculture - Grazing - Permit Renewal			2	15	8	1	26
Agriculture - Grazing - Permit Renewal - Cattle				2	4	2	8
Agriculture - Grazing - Permit Renewal - Sheep				1	1		2
Agriculture - Irrigation						1	1
Agriculture - Irrigation - Ditch/Canal - Maintenance / Modification / Replacement / Upgrade						1	1
Agriculture - Weed Control / Vegetation Management						1	1
Animal Control				1	2		3
Biological Control						1	1
Bridge - Maintenance / Modification / Replacement / Upgrade - Federal					5		5
Bridge - New Construction - Federal						6	6
Bridge - New Construction - Non Federal					1		1
BRIDGE CONSTRUCTION / MAINTENANCE					2		2
COMMUNICATIONS TOWER				7			7
Communications Tower - Maintenance / Modification / Replacement / Upgrade					1		1
Communications Tower - New Construction					2	2	4
DAM						1	1
Dam - Maintenance / Modification / Replacement / Upgrade - Federal					1	1	2
Dam - Maintenance / Modification / Replacement / Upgrade - Non Federal						1	1
Dam - New Construction - Non Federal					1		1
Dam - Operations - Federal						1	1
Dam - Operations - Non Federal						1	1
DEVELOPMENT				11	8	3	22
Development - Commercial				4	4	4	13
Development - Residential				1	18	3	22
Development - Tribal							1
DREDGE / EXCAVATION							1
Fill - Stream				1			1
Fill - Wetland				2			2
FIRE				4	1		5
Fire - Burned Area Emergency Rehabilitation (BAER)				2	3		5
Fire - Prescribed Burn					1		1
FORESTRY				2			2
Forestry - Harvest				1	2	10	16
Forestry - Other							1
Forestry - Weed Control / Vegetation Management					1	1	2
Forestry - Wildland Urban Interface (WUI)						1	1
Guidance					1	2	3
LAND - DISPOSAL / TRANSFER						1	1

Single click
on
Field Name
in
Field List

Hold
Mouse
button
down and
drag to
Values
Area

Release
Mouse
Button

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Using Excel as a TAILS extension: Pivot Tables/Charts

Build a Pivot Table

◆ Filter the Content: Select only desired columns

The screenshot shows an Excel spreadsheet with a PivotTable. The PivotTable has 'Count of Activity_Code' as the value field. The PivotTable Field List on the right shows 'Column Labels' and 'Fiscal Year' as the report filters. A dialog box for filtering is open, showing a list of years from 2003 to 2009, with '2009' selected. The 'Uncheck blank' option is visible in the dialog box. Yellow arrows point to the 'Column Labels' picklist, the 'Uncheck blank' option, and the 'OK' button.

	2005	2006	2007	2008	2009 (blank)	Grand Total
Count of Activity_Code	4	15	9	2		30
** OTHER **	1					1
AGRICULTURE	4	5	1	2		12
Agriculture - Grazing - Ongoing Activities	1	1	1	1		4
Agriculture - Grazing - Ongoing Activities - Sheep					1	1
Agriculture - Grazing - Permit Renewal	2	15	8	1		26
Agriculture - Grazing - Permit Renewal - Cattle			2	4	2	8
Agriculture - Grazing - Permit Renewal - Sheep			1	1		2
Agriculture - Irrigation				1	1	2
Agriculture - Irrigation - Ditch/Canal - Maintenance / Modification / Replacement / Upgrade				1	1	2
Agriculture - Weed Control / Vegetation Management				1	1	2
Animal Control				1	2	3
Biological Control					1	1
Bridge - Maintenance / Modification / Replacement / Upgrade - Federal				5		5
Bridge - New Construction - Federal					6	6
Bridge - New Construction - Non Federal				1		1
BRIDGE CONSTRUCTION / MAINTENANCE				1		1
COMMUNICATIONS TOWER				7		7
Communications Tower - Maintenance / Modification / Replacement / Upgrade				1		1
Communications Tower - New Construction				2	2	4
DAM				1		1
Dam - Maintenance / Modification / Replacement / Upgrade - Federal				1	1	2
Dam - Maintenance / Modification / Replacement / Upgrade - Non Federal					1	1
Dam - New Construction - Non Federal				1		1
Dam - Operations - Federal				1		1
Dam - Operations - Non Federal				1		1
DEVELOPMENT				11	8	19
Development - Commercial				4	4	8
Development - Residential				1	18	19
Development - Tribal				1		1
DREDGE / EXCAVATION				1		1
Fill - Stream				1		1
Fill - Wetland				2		2
FIRE				4	1	5
Fire - Burned Area Emergency Rehabilitation (BAER)				2	3	5
Fire - Prescribed Burn				1		1
FORESTRY				2		2
Forestry - Harvest				1	2	3
Forestry - Other				1	10	11
Forestry - Weed Control / Vegetation Management				1	1	2
Forestry - Wildland Urban Interface (WUI)					1	1
Guidance				1	2	3
LAND - DISPOSAL / TRANSFER				1	1	2

Activate 'Column Labels' Picklist

Every Activity has FY so there will be no 'blanks'

Uncheck 'blank'

Click 'OK'

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Using Excel as a TAILS extension: Pivot Tables/Charts

Build a Pivot Table

◆ Filter the Content: Select only desired rows.

Utah_CPAs.xlsx - Microsoft Excel

Count of Activity_Code

Row Labels	2003	2005	2006	2007	2008	2009	Grand Total	
** OTHER **				4	15	9	2	30
AGRICULTURE								1
Agriculture - Grazing - Ongoing Activities				4	5	1	2	12
Agriculture - Grazing - Ongoing Activities - Cattle				1	1	1	1	4
Agriculture - Grazing - Ongoing Activities - Sheep								1
Agriculture - Grazing - Permit Renewal					15	8	1	26
Agriculture - Grazing - Permit Renewal - Cattle					2	4	2	8
Agriculture - Grazing - Permit Renewal - Sheep								2
Agriculture - Irrigation								1
Agriculture - Irrigation - Ditch/Canal - Maintenance / Modification / Replacement / Upgrade - Federal						1	1	2
Agriculture - Weed Control / Vegetation Management								1
Animal Control						1	2	3
Biological Control								1
Bridge - Maintenance / Modification / Replacement / Upgrade - Federal								6
Bridge - New Construction - Federal								1
Bridge - New Construction - Non Federal								1
BRIDGE CONSTRUCTION / MAINTENANCE								1
COMMUNICATIONS TOWER								5
Communications Tower - Maintenance / Modification / Replacement / Upgrade - Federal								6
Communications Tower - New Construction								1
DAM								1
Dam - Maintenance / Modification / Replacement / Upgrade - Federal								1
Dam - Maintenance / Modification / Replacement / Upgrade - Non Federal								1
Dam - New Construction - Non Federal								1
Dam - Operations - Federal								2
Dam - Operations - Non Federal								2
DEVELOPMENT								7
Development - Commercial								1
Development - Residential								1
Development - Tribal								1
DREDGE / EXCAVATION								1
Fill - Stream								1
Fill - Wetland								1
FIRE								1
Fire - Burned Area Emergency Rehabilitation (BAER)								1
Fire - Prescribed Burn								1
FORESTRY								4
Forestry - Harvest								1
Forestry - Other								1
Forestry - Weed Control / Vegetation Management								1
Forestry - Wildland Urban Interface (WUI)								1
Guidance								1
LAND - DISPOSAL / TRANSFER								2

Label Filter (Primary_Action_Work_Type)

Show items for which the label

contains power

Use ? to represent any single character
Use * to represent any series of characters

OK Cancel

Activate
'Row
Labels'
Picklist

Let's get
only those
with 'Power'

Select
'Label
Filters'

Select
'Contains'

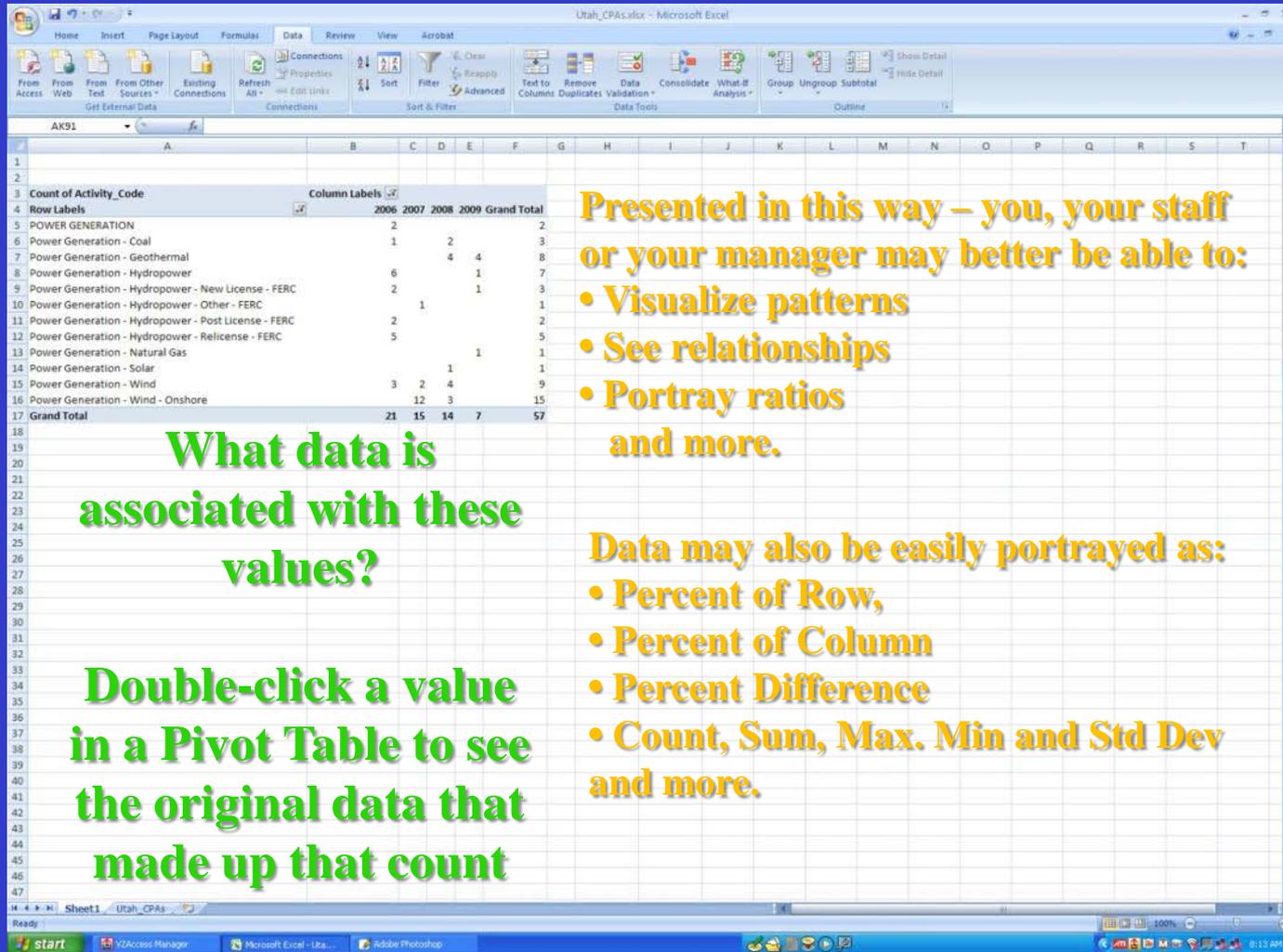
Type
'Power'

Click
'OK'

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Pivot Table is complete

◆ Number of 'power' CPAs per FY



Count of Activity_Code	2006	2007	2008	2009	Grand Total
POWER GENERATION	2				2
Power Generation - Coal	1	2			3
Power Generation - Geothermal			4	4	8
Power Generation - Hydropower	6		1		7
Power Generation - Hydropower - New License - FERC	2		1		3
Power Generation - Hydropower - Other - FERC		1			1
Power Generation - Hydropower - Post License - FERC	2				2
Power Generation - Hydropower - Relicense - FERC	5				5
Power Generation - Natural Gas			1		1
Power Generation - Solar			1		1
Power Generation - Wind	3	2	4		9
Power Generation - Wind - Onshore		12	3		15
Grand Total	21	15	14	7	57

Presented in this way – you, your staff or your manager may better be able to:

- Visualize patterns
- See relationships
- Portray ratios and more.

Data may also be easily portrayed as:

- Percent of Row,
- Percent of Column
- Percent Difference
- Count, Sum, Max. Min and Std Dev and more.

What data is associated with these values?

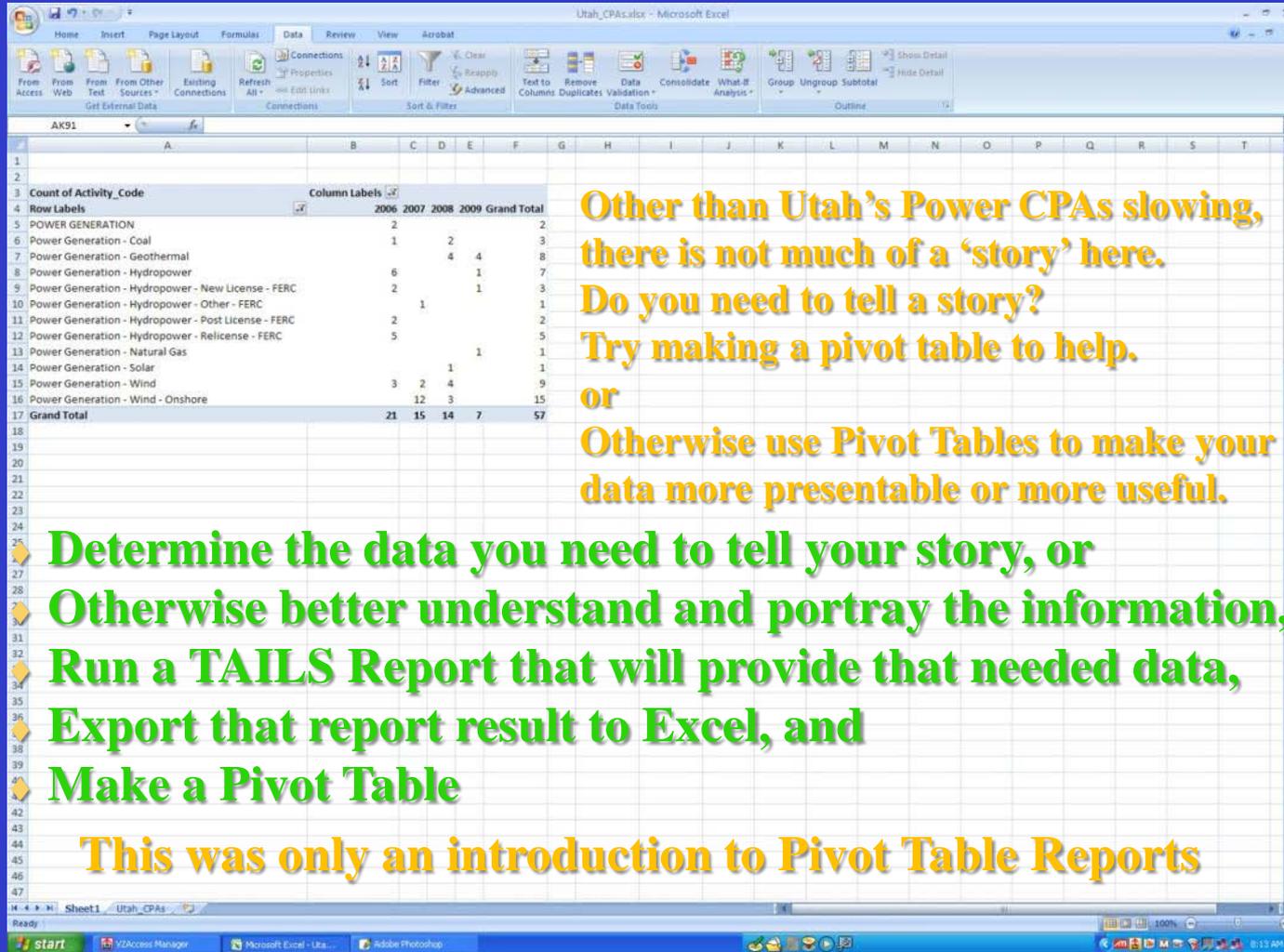
Double-click a value in a Pivot Table to see the original data that made up that count

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Using Excel as a TAILS extension: Pivot Tables/Charts

Pivot Table is complete

◆ Number of 'power' CPAs per FY



The screenshot shows an Excel spreadsheet with a PivotTable. The PivotTable is titled 'Count of Activity_Code' and has 'Column Labels' set to '2006', '2007', '2008', '2009', and 'Grand Total'. The rows list various power generation categories. The data is as follows:

Row Labels	2006	2007	2008	2009	Grand Total
POWER GENERATION	2				2
Power Generation - Coal	1	2			3
Power Generation - Geothermal			4	4	8
Power Generation - Hydropower	6	1			7
Power Generation - Hydropower - New License - FERC	2		1		3
Power Generation - Hydropower - Other - FERC		1			1
Power Generation - Hydropower - Post License - FERC	2				2
Power Generation - Hydropower - Relicense - FERC	5				5
Power Generation - Natural Gas			1		1
Power Generation - Solar			1		1
Power Generation - Wind	3	2	4		9
Power Generation - Wind - Onshore		12	3		15
Grand Total	21	15	14	7	57

Other than Utah's Power CPAs slowing, there is not much of a 'story' here. Do you need to tell a story? Try making a pivot table to help. or Otherwise use Pivot Tables to make your data more presentable or more useful.

- ◆ Determine the data you need to tell your story, or
- ◆ Otherwise better understand and portray the information,
- ◆ Run a TAILS Report that will provide that needed data,
- ◆ Export that report result to Excel, and
- ◆ Make a Pivot Table

This was only an introduction to Pivot Table Reports

Your turn.

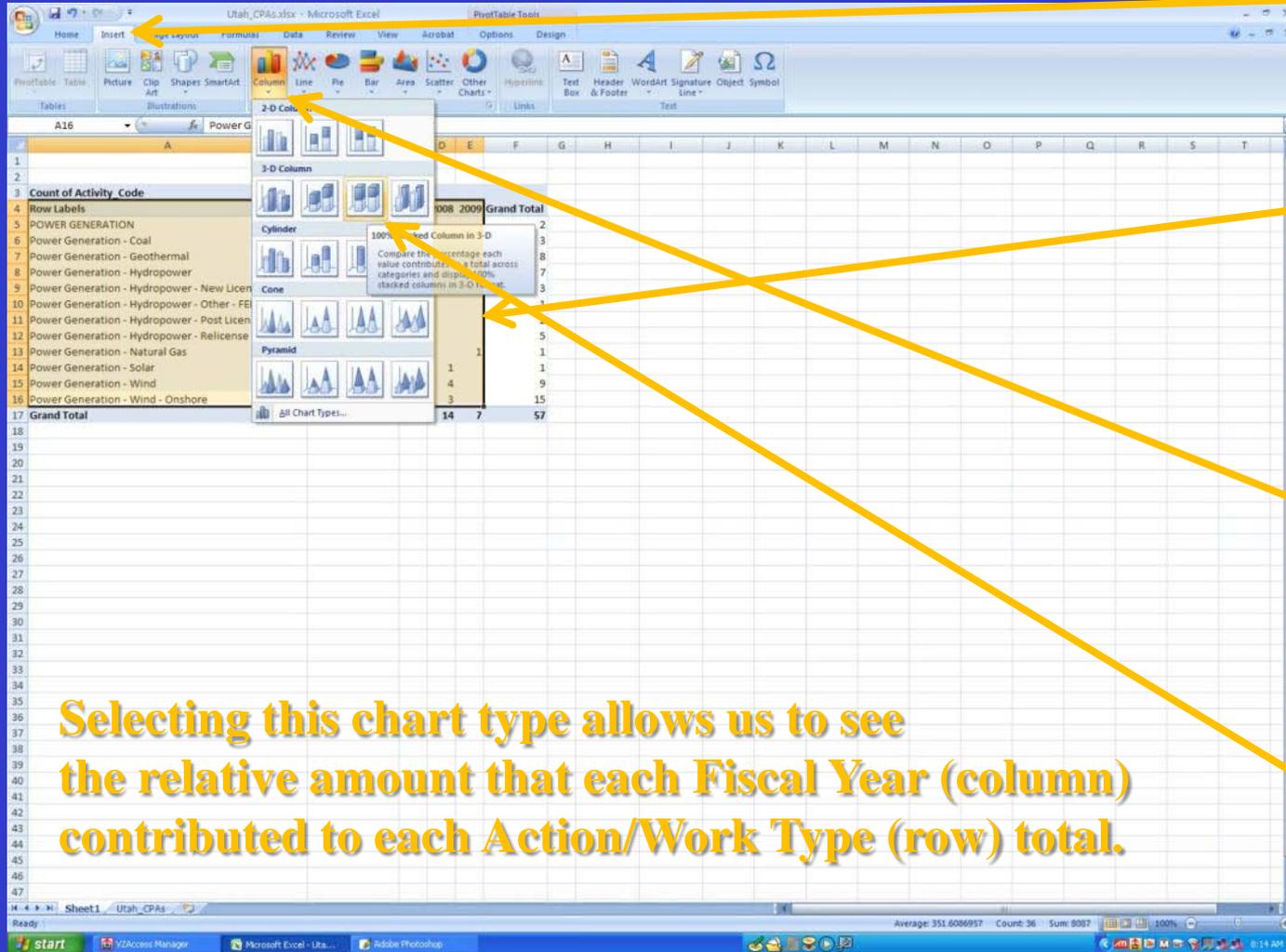
Make a Pivot Table

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Using Excel as a TAILS extension: Pivot Tables/Charts

Build a Pivot Chart from a Pivot Table

◆ Let's make a bar chart from our Pivot Table



Assure 'Insert' tab is active

Select the area to chart with Click, Drag, Release

Select 'Column' from Charts section

Select '100% Stacked Column in 3D'

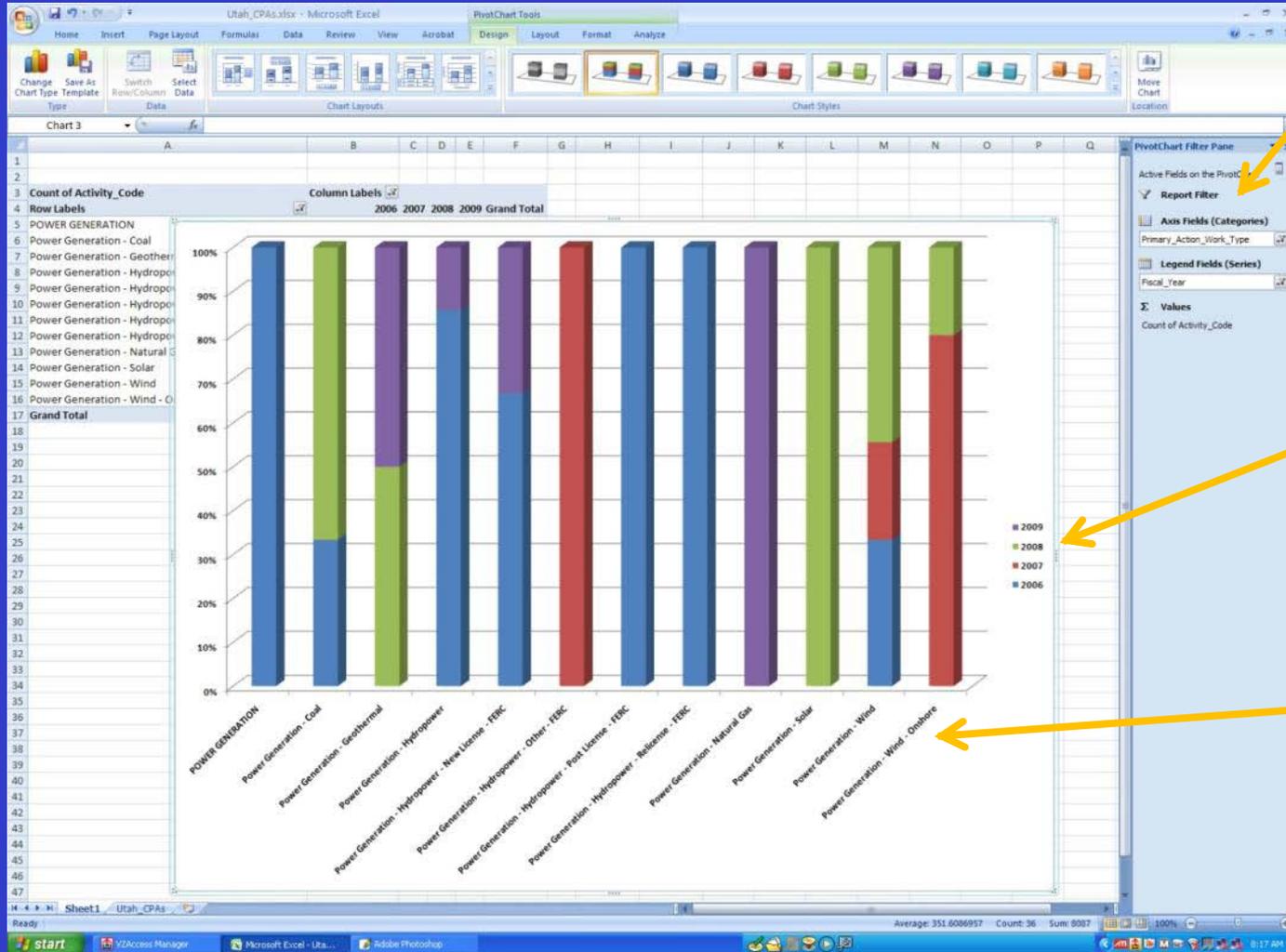
Selecting this chart type allows us to see the relative amount that each Fiscal Year (column) contributed to each Action/Work Type (row) total.

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Using Excel as a TAILS extension: Pivot Tables/Charts

Pivot Chart is complete

◆ Focused results to address issue or tell story.



Filter access for continuous reselection

Fiscal Year (columns) Legend

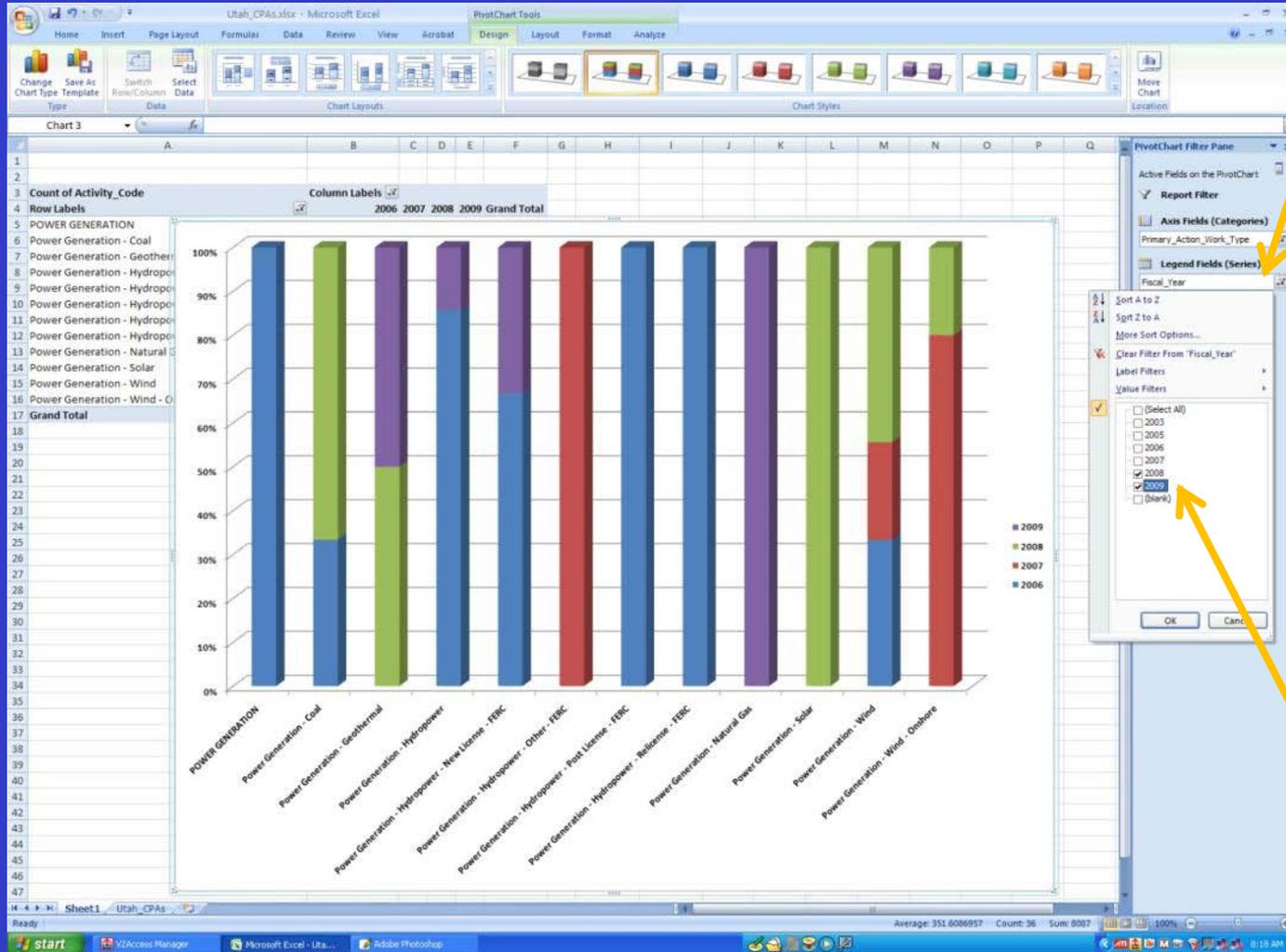
Filtered Action/Work Types (rows)

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Using Excel as a TAILS extension: Pivot Tables/Charts

Pivot Tables / Chart are dynamic

◆ Pivot Tables have dynamic connections to data



So you can
reselect
and see
instant
results

Also: you
may edit
the raw data
and the
Pivot Table
and Chart
will update

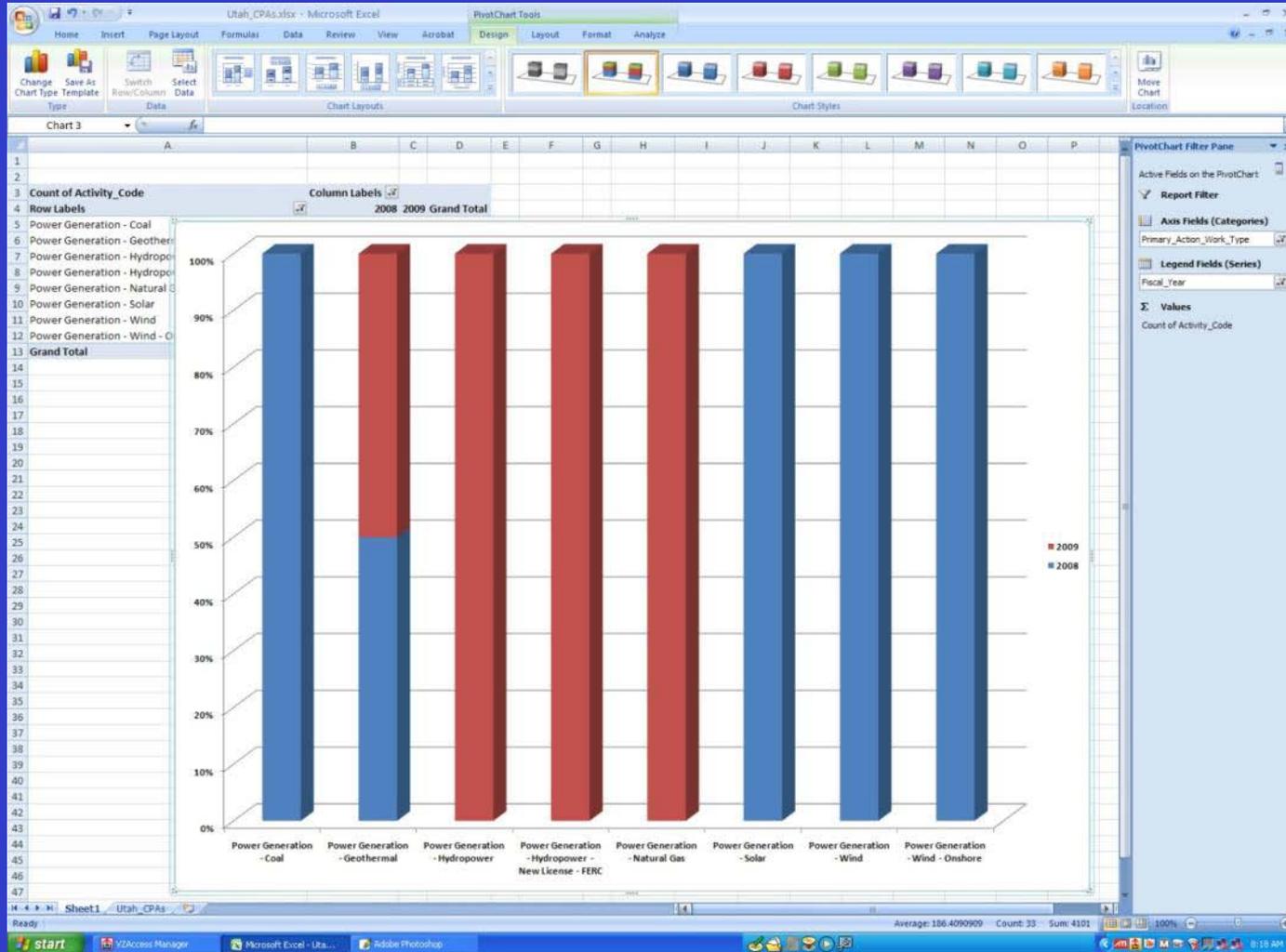
Further
filter
Fiscal Year

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And
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Using Excel as a TAILS extension: Pivot Tables/Charts

Pivot Tables / Chart are dynamic

◆ Pivot Tables are dynamic connections to data.



Your turn

Make a
Pivot Chart

From your
Pivot Table

Tracking
And
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Using Excel as a TAILS extension: Pivot Tables/Charts

How to use Pivot Tables / Pivot Charts

- ◆ Try this one to show the 'Top 10' A/W Types

Utah_CPAs.xlsx - Microsoft Excel

PivotTable Name: Active Field: Expand Entire Field Group Selection Group Field

PivotTable: Count of Activity Code

PivotTable Tools: Options Design

Home Insert Page Layout Formulas Data Review View Acrobat

Count of Activity Code

Row Labels	2003	2005	2006	2007	2008	2009 (blank)	Grand Total	
** OTHER **				4	15	9	2	30
AGRICULTURE				1				1
Agriculture - Grazing - Ongoing Activities				4		1	2	12
Agriculture - Grazing - Ongoing Activities - Cattle				1	1	1		4
Agriculture - Grazing - Ongoing Activities - Sheep								1
Agriculture - Grazing - Permit Renewal				3	15	8	1	27
Agriculture - Grazing - Permit Renewal - Cattle				2	4	2		8
Agriculture - Grazing - Permit Renewal - Sheep				1	1	1		3
Agriculture - Irrigation								1
Agriculture - Irrigation - Ditch/Canal - Maintenance / Modification / Replacement / Upgrade - Federal								1
Agriculture - Weed Control / Vegetation Management								1
Animal Control								1
Biological Control								1
Bridge - Maintenance / Modification / Replacement / Upgrade - Federal								1
Bridge - New Construction - Federal								1
Bridge - New Construction - Non Federal								1
BRIDGE CONSTRUCTION / MAINTENANCE								1
COMMUNICATIONS TOWER								1
Communications Tower - Maintenance / Modification / Replacement / Upgrade - Federal								1
Communications Tower - New Construction								1
DAM								1
Dam - Maintenance / Modification / Replacement / Upgrade - Federal								1
Dam - Maintenance / Modification / Replacement / Upgrade - Non Federal								1
Dam - New Construction - Non Federal								1
Dam - Operations - Federal								1
Dam - Operations - Non Federal								1
DEVELOPMENT								1
Development - Commercial								1
Development - Residential								1
Development - Tribal								1
DREDGE / EXCAVATION								1
Fill - Stream								1
Fill - Wetland								1
FIRE								1
Fire - Burned Area Emergency Rehabilitation (BAER)								1
Fire - Prescribed Burn								1
FORESTRY								1
Forestry - Harvest								1
Forestry - Other								1
Forestry - Weed Control / Vegetation Management								1
Forestry - Wildland Urban Interface (WUI)								1
Guidance								1
LAND - DISPOSAL / TRANSFER								1

Value Filters

- (Select All)
- ** OTHER **
- AGRICULTURE
- Agriculture - Grazing - Ongoing Ac
- Agriculture - Grazing - Ongoing Ac
- Agriculture - Grazing - Ongoing Ac
- Agriculture - Grazing - Permit Rene
- Agriculture - Grazing - Permit Rene
- Agriculture - Grazing - Permit Rene
- Agriculture - Irrigation
- Agriculture - Irrigation - Ditch/Can
- Agriculture - Weed Control / Veget
- Animal Control
- Biological Control

Top 10...

Clear all the filters by setting Columns and Rows to 'Select All'

Select Row Labels picklist

Select Value Filters

Select 'Top 10'

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Using Excel as a TAILS extension: Pivot Tables/Charts

How to use Pivot Tables / Pivot Charts

- ◆ Try this one to show the 'Top 10' A/W Types

The screenshot shows a Microsoft Excel spreadsheet with a Pivot Table. The Pivot Table is filtered to show the top 10 items by 'Count of Activity_Code'. The dialog box 'Top 10 Filter (Primary_Action_Work_Type)' is open, showing the filter settings. The dialog box has a 'Show' section with a dropdown menu set to 'Top', a text box containing '10', and a dropdown menu set to 'Items'. The 'by' field is set to 'Count of Activity_Code'. The 'OK' button is highlighted with a yellow box and an arrow pointing to it from the text 'Click 'OK''. The 'Cancel' button is also visible. The background shows a Pivot Table with columns for years (2003-2009) and a 'Grand Total' column. The rows list various activity types such as 'AGRICULTURE', 'BRIDGE CONSTRUCTION / MAINTENANCE', and 'DEVELOPMENT'.

Column Labels	2003	2005	2006	2007	2008	2009 (blank)	Grand Total		
Count of Activity									
** OTHER **				4	15	9	2	30	
AGRICULTURE				1				1	
Agriculture - Grazing - Ongoing Activities				4	5	1	2	12	
Agriculture - Grazing - Ongoing Activities - Cattle				1	1	1	1	4	
Agriculture - Grazing - Ongoing Activities - Sheep							1	1	
Agriculture - Grazing - Permit Renewal				2	15	8	1	26	
Agriculture - Grazing - Permit Renewal - Cattle					2	4	2	8	
Agriculture - Grazing - Permit Renewal - Sheep					1	1		2	
Agriculture - Irrigation						1		1	
Agriculture - Irrigation - Ditch/Canal - Maintenance / Modification / Replacement / Upgrade					1			1	
Agriculture - Weed Control / Vegetation Management						1		1	
Animal Control					1	2		3	
Biological Control						1		1	
Bridge - Maintenance / Modification / Replacement / Upgrade - Federal				5				5	
Bridge - New Construction - Federal						6		6	
Bridge - New Construction - Non Federal					1			1	
BRIDGE CONSTRUCTION / MAINTENANCE					2			2	
COMMUNICATIONS TOWER				7				7	
Communications Tower - Maintenance / Modification / Replacement / Upgrade					1			1	
Communications Tower - New Construction					2	2		4	
DAM				1				1	
Dam - Maintenance / Modification / Replacement / Upgrade - Federal						1	1	2	
Dam - Maintenance / Modification / Replacement / Upgrade - Non Federal									
Dam - Operations - Federal									
Dam - Operations - Non Federal									
DEVELOPMENT									
Development - Commercial									
Development - Residential									
Development - Tribal									
DREDGE / EXCAVATION									
Fill - Stream									
Fill - Wetland									
FIRE									
Fire - Burned Area Emergency Rehabilitation (BAER)									
Fire - Prescribed Burn					1			1	
FORESTRY				2				2	
Forestry - Harvest					1	2	10	3	16
Forestry - Other								1	1
Forestry - Weed Control / Vegetation Management					1	1			2
Forestry - Wildland Urban Interface (WUI)							1		1
Guidance						1	2		3
LAND - DISPOSAL / TRANSFER							1		1

Accept 'Top 10'

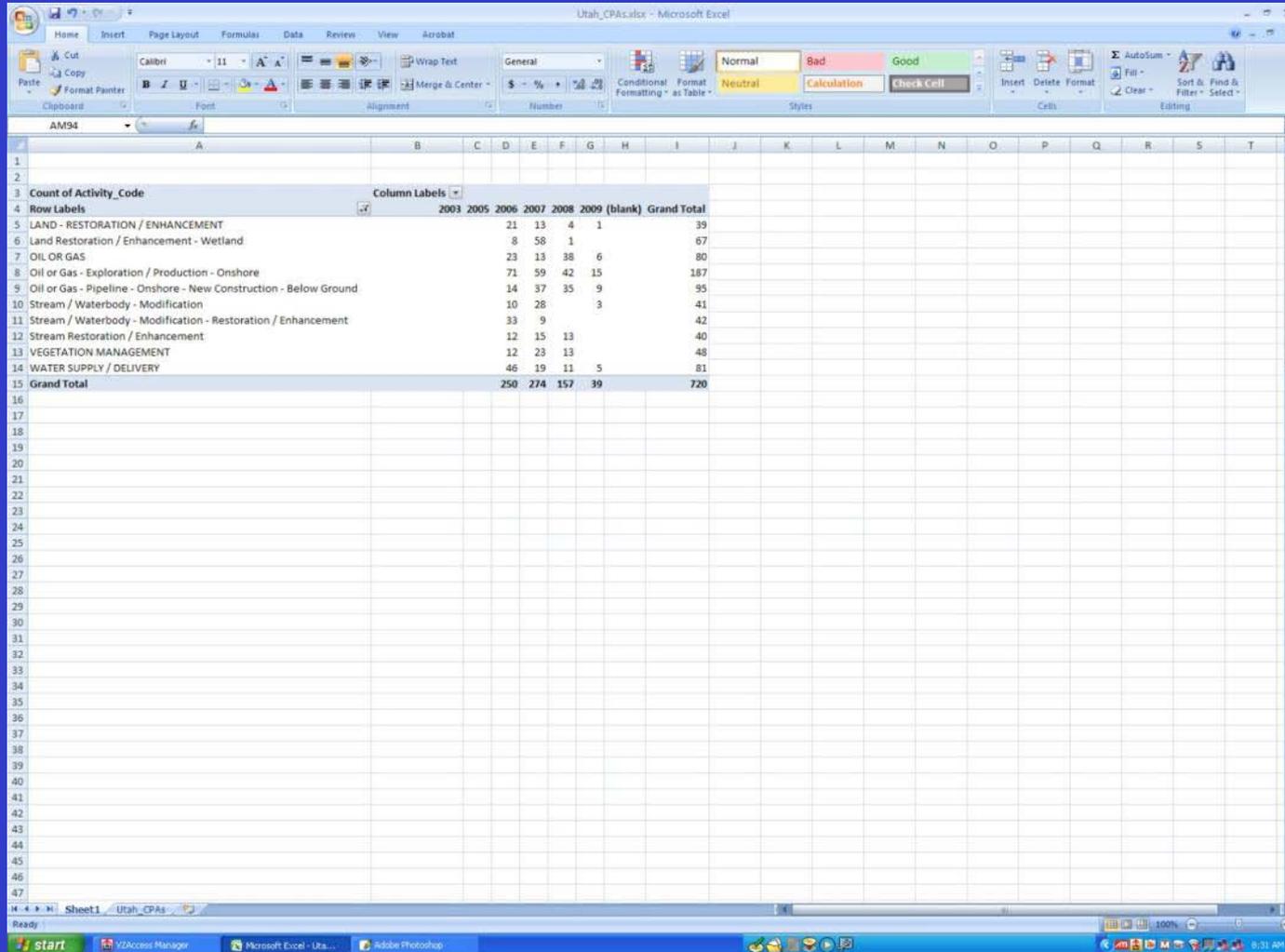
Click 'OK'

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Using Excel as a TAILS extension: Pivot Tables/Charts

How to use Pivot Tables / Pivot Charts

- ◆ Try this one to show the 'Top 10' A/W Types



The screenshot shows a Microsoft Excel spreadsheet with a Pivot Table. The Pivot Table is titled 'Count of Activity_Code' and is set to show data by 'Column Labels'. The data is summarized as follows:

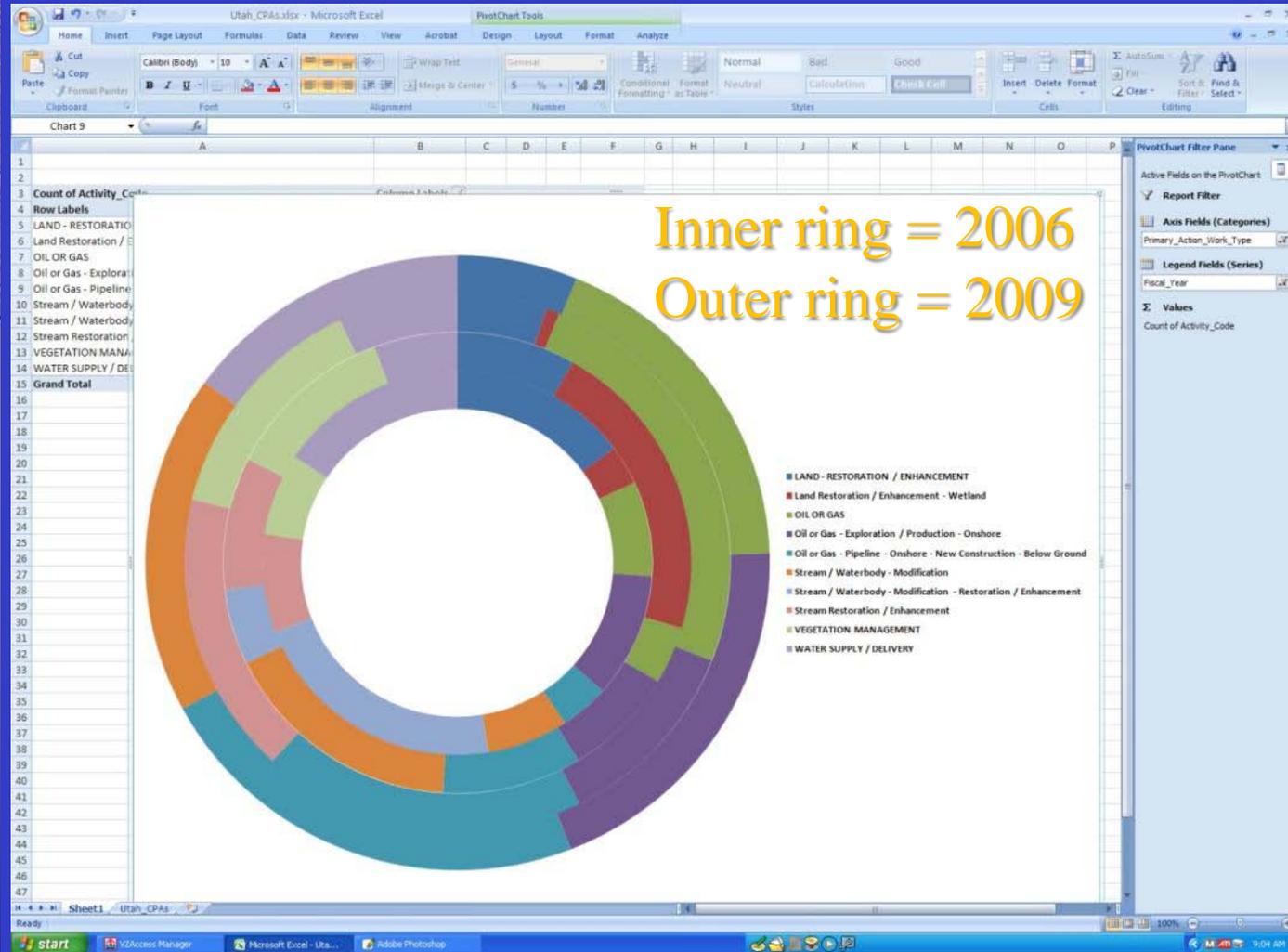
Row Labels	2003	2005	2006	2007	2008	2009 (blank)	Grand Total
LAND - RESTORATION / ENHANCEMENT	21	13	4	1			39
Land Restoration / Enhancement - Wetland	8	58	1				67
OIL OR GAS	23	13	38	6			80
Oil or Gas - Exploration / Production - Onshore	71	59	42	15			187
Oil or Gas - Pipeline - Onshore - New Construction - Below Ground	14	37	35	9			95
Stream / Waterbody - Modification	10	28		3			41
Stream / Waterbody - Modification - Restoration / Enhancement	33	9					42
Stream Restoration / Enhancement	12	15	13				40
VEGETATION MANAGEMENT	12	23	13				48
WATER SUPPLY / DELIVERY	46	19	11	5			81
Grand Total	250	274	157	39			720

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Using Excel as a TAILS extension: Pivot Tables/Charts

How to use Pivot Tables / Pivot Charts

◆ Try this one to show the 'Top 10' A/W Types



Here is a donut chart of these Top 10

Pivot Tables and Pivot Charts can be very powerful and somewhat tricky.

Use them with any Excel data

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Using Microsoft Excel as a TAILS extension

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Pivot Tables & Pivot Charts