

Features of Excel PivotTables Generated by the QVR System

**The QVR System produces several
standard reports in
Excel PivotTable[®] Format**

This tutorial describes:

**The relationship between some of the “Public Saved
Queries” and specific Standard Report outputs**

**Highlights the capabilities of the Excel PivotTables
that are generated by the QVR System**

June 26, 2003

Relationship Between Public Queries and Standard Reports

There are four Standard Reports for which specific “Public Queries” have been prepared for your convenience.

These Public Queries have pre-selected the search criteria that would logically match the corresponding Standard Report.

The following image shows the linkage between these Public Queries and Standard Reports.

However, it is not required that you use these Public Queries to run the Standard Reports.

Relationship between “Public Queries—Budget” and Budget Standard Reports

Report List - Netscape
File Edit View Go Book

640 records matched search criteria. 640 in the cart.

Reports require MS Office

Click on the hyperlink to return to this Report

[Abstracts \(ABSTRACT\)](#)

[Help](#) [Sample](#)

Abstracts in WORD format

[Administrative Grant Data \(ADMIN\)](#)

[Help](#) [Sample](#)

Administrative Data including status code, FY, budget and project dates

[Application Image Download \(APPLIMG\)](#)

[Help](#) [Sample](#)

Download application images as a zip file

[Budget - NRSA Report \(NRSA\)](#)

[Help](#) [Sample](#)

Individual and Institutional Training Grants: Award Dollars and Training Slots by funding mechanism in EXCEL Pivot Table format

[Budget - Noncompeting Commitments \(NCC\)](#)

[Help](#) [Sample](#)

--- PREVIOUSLY (BUDOPS) --- Noncompeting commitments funded and remaining by funding mechanism in EXCEL Pivot Table format

[Budget - Total Awarded Current Data \(AWDCURR\)](#)

[Help](#) [Sample](#)

--- PREVIOUSLY (BUDPLAN) WITH CURRENT DATA--- Noncompeting and Competing awards and obligations (CAS/IMPACII) by funding mechanism in EXCEL Pivot Table format

[Budget - Total Awarded Frozen Data \(AWDFROZN\)](#)

[Help](#) [Sample](#)

--- PREVIOUSLY (BUDPLAN) WITH FROZEN DATA--- Noncompeting and Competing awards (frozen at the end of the FY)

[Congressional District \(CONGDIST\)](#)

[Help](#) [Sample](#)

Applications/Awards by Congressional District

[Council Funding Plan \(CFP\)](#)

[Help](#) [Sample](#)

Direct and Total Costs

[Cumulative Dollars to Council \(CUME\)](#)

[Help](#) [Sample](#)

Year 1-5 Requested \$\$\$ and Run

[FY Awards/Future Commitments \(FYAWDCOM\)](#)

[Help](#) [Sample](#)

Current FY Awarded dollars and F

[HBCU Applications \(HBCU\)](#)

[Help](#) [Sample](#)

Applications from Institutions des

[IRG Coding - Study Subjects \(CONCERN\)](#)

[Help](#) [Sample](#)

IRG coding for use of human sub

[IRG Notes \(IRGNOTES\)](#)

[Help](#) [Sample](#)

PA note-taking pages for IRG me

[Institution Rank \(INSTRANK\)](#)

[Help](#) [Sample](#)

Institutions Ranked by Award Doll

[Master List \(MASTR\)](#)

[Help](#) [Sample](#)

Master List of Grants including Pri

[PI Mailing Labels \(PIML\)](#)

[Help](#) [Sample](#)

Avery 8160 Mailing Labels for PI, E

640 records matched search criteria. 640 in the cart.

Get Queries -- NIH Query/View/Reporting System - Netscape

File Edit View Go Bookmarks Tools Window Help

List C User Queries Public Queries

Click **Current Criteria** under "Links" on the search screen to view saved query criteria.

Cancel

Cancel

Name	Description
2002 CURRENT TYPE 5	BY IC, AWD, PRICO, EXCL REIMB -- Custom Download
FROZEN 2002 Excl Reimb	BY IC, EXCLUDE REIMBURSABLES -- Custom Download
INSTITUTION RANK	BY IC, Prim/Cofunded -- Can be used with Institution Rank Report
NRSA - CURRENT DATA	BY IC, PRIM/COFUNDED, TRAINING MECHS -- CAN BE USED WITH NRSA RPT
NRSA - FROZEN	BY IC, PRIM/COFUNDED, PUB, TRAINING MECHS -- CAN BE USED WITH NRSA RPT
Non-Competing Commitments (NCC)	BY IC, Prim/Cofunded, not competing, Excl Reimb -- Can be used with NCC Report
Total Awards Current (AwdCurr)	BY IC, Prim/Cofunded -- Can be used with Total Awarded Current (AwdCur) Report
Total Awards Frozen (AwdFrozn)	BY IC, Prim/Cofunded, PUB -- Can be used with Total Awarded Frozen (AwdFrozn) Report

Highlights of the Capabilities of the Excel PivotTable Feature of the QVR System

What is a PivotTable?

A PivotTable is a summary of data that is contained in a database—in this case—data downloaded from IMPAC and the Data Warehouse using the QVR system.

The name PivotTable is derived from the feature that data can be analyzed on different dimensions—thus *pivoted* on different fields.

The PivotTable feature is dynamic in that the raw data can be manipulated and the data is re-summarized in the PivotTable.

What Does the Standard Report— PivotTable Contain in QVR?

The Standard Report in QVR usually contains three pages or tabs (lower-left corner of the screen).

Report Criteria: This tab contains the search criteria used to generate the report as well as other pertinent information.

Raw Data: This tab has all of the raw data that goes into the final PivotTable.

Final: This tab is the PivotTable summary of all the data in the Standard Report.

Navigating these tabs will be demonstrated in the example to follow.

Example Search

IC = NIEHS

Exclude Reimbursable CANs

Use Frozen Pub2002 Data

Standard Report Selection Screen

Report List - Netscape

File Edit View Go Bookmarks Tools Window Help

640 records matched search criteria. 640 in the cart. Search New Search Help

Reports require MS Office (97 or later version). NOTE: Your Excel Macro Security level must be set to MEDIUM in order to produce a formatted report. Click Help for more information.

Click on the hyperlink to open a sample report. Click on the hyperlink to open a sample report. Click on the hyperlink to open a sample report.

Click on the hyperlink to run the report.

Menu.

Report Name	Help	Sample	Description
Abstracts (Abstracts)	Help	Sample	Abstracts in WORD format
Administrative Data	Help	Sample	Administrative Data including status code, FY, budget and project dates
Application Image Download (APPLIMG)	Help	Sample	Download application images as a zip file
Budget - NRSA Report (NRSA)	Help	Sample	Individual and Institutional Training Grants: Award Dollars and Training Slots by funding mechanism in EXCEL Pivot Table format
Budget - Noncompeting Commitments (NCC)	Help	Sample	--- PREVIOUSLY (BUDOPS) --- Noncompeting commitments funded and remaining by funding mechanism in EXCEL Pivot Table format
Budget - Total Awarded Current Data (AWDCURR)	Help	Sample	--- PREVIOUSLY (BUDPLAN) WITH CURRENT DATA--- Noncompeting and Competing awards and obligations (CAS/IMPACII) by funding mechanism in EXCEL Pivot Table format
Budget - Total Awarded Frozen Data (AWDFROZN)	Help	Sample	--- PREVIOUSLY (BUDPLAN) WITH FROZEN DATA--- Noncompeting and Competing awards (frozen at the end of the FY) by funding mechanism in EXCEL Pivot Table format
Congressional District (CONGDIST)	Help	Sample	
Council Funding Plan (CFP)	Help	Sample	
Cumulative Dollars to Council (CUME)	Help	Sample	
FY Awards/Future Commitments (FYAWDCOM)	Help	Sample	
HBCU Applications (HBCU)	Help	Sample	
IRG Coding - Study Subjects (CONCERN)	Help	Sample	
IRG Notes (IRGNOTES)	Help	Sample	
Institution Rank (INSTRANK)	Help	Sample	
Master List (MASTR)	Help	Sample	Master List of Grants including Priority, %tile, Req and Rec Dollars
PI Mailing Labels (PIML)	Help	Sample	Avery 8160 Mailing Labels for PI, Business Office, or Institute mailing address.

640 records matched search criteria. 640 in the cart. Search New Search Help

IMPORTANT

(1) Select

(2) Select

Microsoft Excel

C:\Documents and Settings\fjellst\Desktop\From NIEHS\Desktop\Bud Pivot table for class 6-10-03.asp-3.xls contains macros.

Year

Cur

Appl

IRG

PA n

Instit

Disable Macros Enable Macros More Info

Excel Report—Criteria

The screenshot shows a Microsoft Excel window titled "Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3". The interface includes a menu bar (File, Edit, View, Insert, Format, Tools, Data, Window, Help), a toolbar, and a status bar. The main area displays a PivotTable report with the following data:

	A
1	Title
2	
3	Report
4	
5	Query Criteria ...IC's = NIEHS...Exclude Reimbursable Cans ...Use Frozen Pub2002 Data
6	
7	Sort Criteria
8	
9	BreakCriteria
10	
11	Break Count
12	
13	User fjellstedt
14	
15	Date&Time Run 06/05/2003 at 14:22
16	
17	INSTRUCTIONS Once you have opened the Workbook and the Macro has formatted the
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Annotations in the image:

- Note Suggestion:** A yellow callout box containing the text: "Once you have opened the Workbook and the Macro has formatted the results you can copy the worksheets to another workbook and delete the workbook containing the macro." This box is positioned above the "INSTRUCTIONS" row.
- Report Criteria:** A yellow callout box pointing to the "Query Criteria" row.
- Select:** A yellow callout box pointing to the "INSTRUCTIONS" row.

The status bar at the bottom shows the current sheet is "ReportCriteria" and the status is "Ready".

Excel PivotTable—Raw Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

Type a question for help

File Edit View Insert Format Tools Data Window Help

Reply with Changes... Egd Review...

A1

	A	B	C	D	E	F	G	H	I	J	K
1											
2	Num	Mech Code	Submech	Admin IC	Type	Actv	Project	CAN	Reimb CAN	Awd Tot \$(by CAN)	Comm Base
3	1	Other Research Related	310 RES. CAREERS	ES 1	K22	ES011031-01	8420865	N	108,000		
4	2	Other Research Related	310 RES. CAREERS	ES 1	K22	ES011027-01	8420865	N	103,828		
5	3	Other Research Related	310 RES. CAREERS	ES 1	K22	ES011033-01	8420865	N	76,800		
6	4	Other Research Related	310 RES. CAREERS	ES 1	K22	ES000375-01A1	8420865	N	108,000		
7	5	Research Projects	100 RPG	ES 1	R15	ES011141-01	8425421	N	142,000		
8	6	Research Projects	100 RPG	ES 2	R01	ES004176-13	8420864	N	218,250		
9	7	Research Centers	210 CENTERS SPEC/COMP		P20	ES011278-01	8423861	N	392,348		
10	8	Training, Individual	410 INDIV NRSA		F32	ES011245-01	8423865	N	0		
11	9	Research Projects	100 RPG		R01	ES011288-01	8420864	N	317,486		
12	10	Research Centers	210 CENTERS SPEC/COMP	ES 2	P30	ES005705-11	8423862	N	377,500		
13	11	Research Projects	100 RPG	ES 1	R01	ES011305-01	8420815	N	236,286		
14	12	Research Projects	100 RPG	ES 1	R01	ES011295-01	8420864	N	284,000		
15	13	Research Projects	100 RPG	ES 1	R01	ES011297-01	8420815	N	334,125		
16	14	Research Projects	100 RPG	ES 1	R01	ES011294-01	8420832	N	267,499		
17	15	Research Centers	210 CENTERS SPEC/COMP	ES 2	P30	ES009106-05	8423861	N	1,431,228		
18	16	Other Research Related	310 RES. CAREERS	ES 1	K08	ES011302-01	8420865	N	127,508		
19	17	Research Centers	210 CENTERS SPEC/COMP	ES 2	P30	ES006096-11	8423861	N	1,469,304		
20	18	Other Research Related	100 RPG	HL 1	R13	HL069204-01	8420864	N	5,000		
21	19	Research Projects	100 RPG	ES 1	R01	ES011331-01	8420864	N	264,639		
22	20	Research Centers	210 CENTERS SPEC/COMP	ES 2	P30	ES005707-11	8423861	N	1,436,512		
23	21	Research Projects	100 RPG	ES 1	R01	ES011317-01	8420832	N	338,590		
24	22	Research Projects	100 RPG	ES 2	R01	ES009558-05A1	8420864	N	326,000		
25	23	Research Projects	100 RPG	ES 1	R01	ES010553-01A2	8420864	N	305,416		
26	24	Research Projects	100 RPG	ES 1	R01	ES011005-01A1	8420815	N	151,000		
27	25	Research Projects	100 RPG	ES 1	R01	ES010859-01A1	8420864	N	289,725		
28	26	Research Projects	100 RPG	ES 2	R01	ES007259-05A2	8420864	N	300,000		
29	27	Research Projects	100 RPG	ES 1	R01	ES010922-01A1	8420832	N	516,196		
30	28	Research Projects	100 RPG	ES 9	R01	ES011858-11A1	8420864	N	530,033		
31	29	Research Projects	100 RPG	ES 1	R01	ES010975-01A1	8420864	N	903,345		
32	30	Research Projects	100 RPG	ES 2	R01	ES007747-08	8420864	N	385,240		
33	31	Research Projects	100 RPG	ES 1	R01	ES011000-01A1	8420864	N	344,459		
34	32	Other Research Related	100 RPG	CA 1	R13	CA094249-01	8420864	N	5,000		
35	33	Other Research Related	100 RPG	CA 1	R13	CA094247-01	8420864	N	3,000		
36	34	Research Projects	100 RPG	ES 1	R01	ES011831-01	8420864	N	240,250		

Sheet2 Final RawData ReportCriteria Sheet3

Ready

Sum=10344938823

Excel PivotTable—Raw Data

The screenshot shows a Microsoft Excel window titled "Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3". The interface includes the standard menu bar (File, Edit, View, Insert, Format, Tools, Data, Window, Help) and a toolbar with various icons. The main area displays a PivotTable with the following columns: Num, Mech Code, Submech, Admin IC, Type, Actv, Project, CAN, Reimb CAN, Awd Tot \$(by CAN), and Comm Base. The 'Submech' dropdown menu is open, showing a list of options: (All), (Top 10...), (Custom...), 100 RPG, 190 SB GRANTS, 210 CENTERS SPEC/COMP, 310 RES. CAREERS, 410 INDIV NRSA, 450 INST NRSA, (Blanks), and (NonBlanks). An orange callout bubble points to the '310 RES. CAREERS' option with the text "User can select any individual item in the drop-down menu". Another orange callout bubble points to the word "Select" in the menu with the text "Select".

Num	Mech Code	Submech	Admin IC	Type	Actv	Project	CAN	Reimb CAN	Awd Tot \$(by CAN)	Comm Base
1	Other Research Related	(All)	ES 1		K22	ES011031-01	8420865	N	108,000	
2	Other Research Related	(Top 10...)	ES 1		K22	ES011027-01	8420865	N	103,828	
3	Other Research Related	(Custom...)	ES 1		K22	ES011033-01	8420865	N	76,800	
4	Other Research Related	100 RPG	ES 1		K22	ES000375-01A1	8420865	N	108,000	
5	Research Projects	190 SB GRANTS	ES 1		K22	ES000375-01A1	8420865	N	108,000	
6	Research Projects	210 CENTERS SPEC/COMP					8425421	N	142,000	
7	Research Projects	310 RES. CAREERS					20864	N	218,250	
8	Research Centers	410 INDIV NRSA					23861	N	392,348	
9	Training Individual	450 INST NRSA					23865	N	0	
10	Projects	(Blanks)					20864	N	317,486	
11	Centers	(NonBlanks)					23862	N	377,500	
12	Centers	210 CENTERS SPEC/COMP					20815	N	236,286	
13	Research Projects	100 RPG					8420864	N	284,000	
14	Research Projects	100 RPG	ES 1		R01	ES011297-01	8420815	N	334,125	
15	Research Projects	100 RPG	ES 1		R01	ES011294-01	8420832	N	267,499	
16	Research Projects	100 RPG	ES 1		R01	ES011294-01	8420832	N	267,499	
17	Research Centers	210 CENTERS SPEC/COMP	ES 2		P30	ES009106-05	8423861	N	1,431,228	
18	Other Research Related	310 RES. CAREERS	ES 1		K08	ES011302-01	8420865	N	127,508	
19	Research Centers	210 CENTERS SPEC/COMP	ES 2		P30	ES006096-11	8423861	N	1,469,304	
20	Other Research Related	100 RPG	HL 1		R13	HL069204-01	8420864	N	5,000	
21	Research Projects	100 RPG	ES 1		R01	ES011331-01	8420864	N	264,639	
22	Research Centers	210 CENTERS SPEC/COMP	ES 2		P30	ES005707-11	8423861	N	1,436,512	
23	Research Projects	100 RPG	ES 1		R01	ES011317-01	8420832	N	338,590	
24	Research Projects	100 RPG	ES 2		R01	ES009558-05A1	8420864	N	326,000	
25	Research Projects	100 RPG	ES 1		R01	ES010553-01A2	8420864	N	305,416	
26	Research Projects	100 RPG	ES 1		R01	ES011005-01A1	8420815	N	151,000	
27	Research Projects	100 RPG	ES 1		R01	ES010859-01A1	8420864	N	289,725	
28	Research Projects	100 RPG	ES 2		R01	ES007259-05A2	8420864	N	300,000	
29	Research Projects	100 RPG	ES 1		R01	ES010922-01A1	8420832	N	516,196	
30	Research Projects	100 RPG	ES 9		R01	ES011858-11A1	8420864	N	530,033	
31	Research Projects	100 RPG	ES 1		R01	ES010975-01A1	8420864	N	903,345	
32	Research Projects	100 RPG	ES 2		R01	ES007747-08	8420864	N	385,240	
33	Research Projects	100 RPG	ES 1		R01	ES011000-01A1	8420864	N	344,459	
34	Other Research Related	100 RPG	CA 1		R13	CA094249-01	8420864	N	5,000	
35	Other Research Related	100 RPG	CA 1		R13	CA094247-01	8420864	N	3,000	
36	Research Projects	100 RPG	ES 1		R01	ES011831-01	8420864	N	240,250	

Excel PivotTable—Raw Data

	A	B	C	D	E	F	G	H	I	J	K
1											
2	Num	Mech Code	Submech	Admin IC	Type	Actv	Project	CAN	Reimb CAN	Awd Tot \$(by CAN)	Comm Base
3	1	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011031-01	8420865	N	108,000	
4	2	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011027-01	8420865	N	103,828	
5	3	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011033-01	8420865	N	76,800	
6	4	Other Research Related	310 RES. CAREERS		ES 1	K22	ES000375-01A1	8420865	N	108,000	
18	16	Other Research Related	310 RES. CAREERS		ES 1	K08	ES011302-01	8420865	N	127,508	
40	38	Other Research Related	310 RES. CAREERS		ES 1	K08	ES010963-01A1	8420865	N	121,770	
110	108	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011639-01	8420865	N	105,336	
111	109	Other Research Related	310 RES. CAREERS		ES 1	K23	ES011139-01A1	8420865	N	105,007	
120	118	Other Research Related	310 RES. CAREERS		ES 5	K01	ES000354-02	8420865	N	104,372	
141	139	Other Research Related	310 RES. CAREERS		ES 1	K22	ES000372-02	8420865	N	108,000	
143	141	Other Research Related	310 RES. CAREERS		ES 1	K22	ES000372-02	8420865	N	108,000	
177	175	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000372-02	8420865	N	108,000	
178	176	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000372-02	8420865	N	108,000	
200	198	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000372-02	8420865	N	108,000	
308	306	Other Research Related	310 RES. CAREERS		ES 5	K08	ES000372-02	8420865	N	108,000	
309	307	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000372-02	8420865	N	108,000	
310	308	Other Research Related	310 RES. CAREERS		ES 5	K24	ES000355-03	8420865	N	125,560	
311	309	Other Research Related	310 RES. CAREERS		ES 5	K08	ES000356-03	8420865	N	117,099	
312	310	Other Research Related	310 RES. CAREERS		ES 5	K01	ES000358-02	8420865	N	104,372	
313	311	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000367-02	8420865	N	108,000	
314	312	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000372-02	8420865	N	108,000	
315	313	Other Research Related	310 RES. CAREERS		ES 5	K08	ES000378-03	8420865	N	102,870	
316	314	Other Research Related	310 RES. CAREERS		ES 5	K08	ES000382-03	8420865	N	122,850	
317	315	Other Research Related	310 RES. CAREERS		ES 5	K08	ES000383-02	8420865	N	36,448	
318	316	Other Research Related	310 RES. CAREERS		ES 5	K23	ES000385-02	8420865	N	129,739	
495	493	Other Research Related	310 RES. CAREERS		ES 5	K23	ES010756-03	8420865	N	125,577	
514	512	Other Research Related	310 RES. CAREERS		ES 5	K01	ES010959-02	8420865	N	115,536	
557	555	Other Research Related	310 RES. CAREERS		ES 5	K08	ES011571-02	8420865	N	108,033	
562	560	Other Research Related	310 RES. CAREERS		ES 5	K23	ES011185-02	8420865	N	125,253	
566	564	Other Research Related	310 RES. CAREERS		ES 5	K02	ES000318-05	8420865	N	86,848	
567	565	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000330-03	8420865	N	106,280	
568	566	Other Research Related	310 RES. CAREERS		ES 5	K23	ES000354-04	8420865	N	118,065	
569	567	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000359-02	8420865	N	106,560	
570	568	Other Research Related	310 RES. CAREERS		ES 5	K22	ES000362-02	8420865	N	104,616	

Note rows of data selected

This action does not cause the data in the PivotTable to be recalculated.

Select to return to PivotTable

Excel PivotTable

Tool Bar

PivotTable

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To: Row Area

To view a listing of all the data columns in the raw data
Select "View"—"Tool Bar"—
PivotTable"—"Field List"

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRANTS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRANTS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995
		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,854,958	1,071,122
		Y	2,182,737	1,816,720	1,789,302	1,092,345	1,096,974
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,000,000	2,168,096
	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376		
		Y	1,071,122	1,092,345	1,096,974		
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,000,000	1,000,000

Excel PivotTable—Drill Down

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

PivotTable

PivotTable

A2 PCC

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4		
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110		
		Y	48,546,430	4,193,834	43,189,531	38,728,056	25,776,331		
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441		
	(blank)	N	0	0	17,786	0	0		
	(blank) Total		0	0	17,786	0	0		
Research Projects Total			248,636,866	211,654,394					
SBIR-STTR	100 RPG	Y	2,331,116	2,037,294					
	100 RPG Total		2,331,116	2,037,294					
	190 SB GRANTS	N	3,868,217						
		Y	4,710,795	3,581,222					
	190 SB GRANTS Total		8,579,012	3,581,222					
SBIR-STTR Total			10,910,128	5,618,525					
Research Centers	100 RPG	N	2,872,067						
	100 RPG Total		2,872,067						
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995		
		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222		
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217		
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217		
Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027		
		Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581		
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608		
	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0		
		Y	1,071,122	1,092,345	1,096,974	354,993	355,297		
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297		

Double-click data field to view Sheet of data for that field

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Excel PivotTable

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

Type a question for help

PivotTable

PivotTable

A2 PCC

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
11			N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	
13		Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	
14			N	0	0	117,786	0	0	
15		Total		0	117,786	0	0	0	
16						173,207,123	85,388,213	25,812,441	
17						0	0	0	
18		Total		0	0	0	0	0	
19		GRANTS							
20						1,091,142	0	0	
21		GRANTS Total				1,091,142	0	0	
22						1,091,142	0	0	
23		Total							
24									
25									
26									
27		210 CENTERS SPEC/COMP				9,732,550	5,846,769	1,642,995	
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30		Research Centers Total		37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32		Other Research Related							
33		100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
34			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
35		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
36		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
37			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
38		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	

Select

User may select one or many items—PivotTable will automatically recalculate all data

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Excel PivotTable

(1) Click cursor in boxes to select/deselect items

(2) Select

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
(All)	(All)	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
(All)	(All)	Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
Total			248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
(All)	(All)	N	0	0	117,786	0	0
(All)	(All)	Y	0	0	117,786	0	0
Total			0	0	117,786	0	0
GRANTS					73,207,123	85,388,213	25,812,441
GRANTS Total					1,091,142	0	0
Total					1,091,142	0	0
Research Centers							
Research Centers Total							
Other Research Related							
Other Research Related Total							
Training, Individual							
Training, Institutional							
(blank)							
Total			2,872,067				
RESEARCH CENTERS SPEC/COMP							
RESEARCH CENTERS SPEC/COMP Total			35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related							
Other Research Related Total							
100 RPG							
100 RPG Total			73	34,397,960	31,954,601	5,438,795	3,821,608
310 RES. CAREERS							
310 RES. CAREERS Total			4,926,080	4,199,850	3,071,350	1,311,418	355,297

Excel PivotTable

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

PivotTable

PivotTable

A2 PCC

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	
13		100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	
14		(blank)	N	0	0	117,786	0	0	
15		(blank) Total		0	0	117,786	0	0	
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	
17									
18	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	
19		100 RPG Total		2,331,116	2,037,296	0	0	0	
20		190 SB GRAINTS	N	3,868,217					
21			Y	4,710,795	3,581,229	1,091,142	0	0	
22		190 SB GRAINTS Total		8,579,012	3,581,229	1,091,142	0	0	
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	
24									
25	Grand Total			259,546,994	217,272,919	174,298,265	85,388,213	25,812,441	
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To Row Area

(2) Select

PivotTable is recalculated showing only the items selected

Final RawData ReportCriteria Sheet3

Ready

Excel PivotTable

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

PivotTable

PivotTable

A2 PCC

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	
13	Total			248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	
14			N	0	0	117,786	0	0	
15	Total			0	0	117,786	0	0	
16				248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	
17						0	0	0	
18	Total			0	0	0	0	0	
19	GRAINTS					1,091,142	0	0	
20						1,091,142	0	0	
21	GRAINTS Total					1,091,142	0	0	
22									
23						174,298,265	85,388,213	25,812,441	
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To Row Area

(1) Select "Show All to return to the original PivotTable"

(2) Select

Final RawData ReportCriteria Sheet3

Ready

Excel PivotTable

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

PivotTable

PivotTable

A2 PCC

Select

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To Row Area

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	
13		100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	
14		(blank)	N	0	0	117,786	0	0	
15		(blank) Total		0	0	117,786	0	0	
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	
17									
18	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	
19		100 RPG Total		2,331,116	2,037,296	0	0	0	
20		190 SB GRANTS	N	3,868,217					
21			Y	4,710,795	3,581,229	1,091,142	0	0	
22		190 SB GRANTS Total		8,579,012	3,581,229	1,091,142	0	0	
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	
24									
25	Research Centers	100 RPG	N	2,872,067					
26		100 RPG Total		2,872,067					
27		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	

Final / RawData / ReportCriteria / Sheet3

Ready

Excel PivotTable

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

PivotTable

PivotTable

A2 PCC

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number								
4	Actv								
5	Type								
6	Reimb CAN								
7	Admin IC								
8	CAN								
9									
10	Mechanism			Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
11	Research Projects			200,090,436	164,455,000	129,899,806	46,660,157	36,110	
12				48,545,000	47,193,834	43,189,531	38,728,056	25,776,331	
13				248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	
14				0	0	117,786	0	0	
15				0	0	117,786	0	0	
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	
17									
18	SBIR-STTR			2,331,116	2,037,296	0	0	0	
19				2,331,116	2,037,296	0	0	0	
20		190 SB GRANTS	N	3,868,217					
21			Y	4,710,795	3,581,229	1,091,142	0	0	
22		190 SB GRANTS Total		8,579,012	3,581,229	1,091,142	0	0	
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	
24									
25	Research Centers	100 RPG	N	2,872,067					
26		100 RPG Total		2,872,067					
27		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To Row Area

(1) Select

(2) Select

Final RawData ReportCriteria Sheet3

Ready

Excel PivotTable

The screenshot displays an Excel PivotTable with the following data:

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Other Research Related	310 RES. CAREERS	N	108,000	108,000	0	0	0
		Y	396,628	418,941	421,790	0	0
	310 RES. CAREERS Total		504,628	526,941	421,790	0	0
Other Research Related Total			504,628	526,941	421,790	0	0
Grand Total			504,628	526,941	421,790	0	0

The PivotTable Field List on the right shows the following fields:

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

The 'Add To' dropdown is set to 'Row Area'.

Data automatically recalculated on the basis of the criterion selected

Adding Field to Excel PivotTable

QVR users can add various levels of detail to the Standard Report PivotTable.

This section shows the process step-by-step.

In the PivotTable to follow (Budget—Total Award Frozen Data) only a few items are included in the Standard Report PivotTable; however, the raw data contains many additional data items. In this example, a user wants to include CAN in the Standard Report PivotTable.

Adding Field to Excel PivotTable

The screenshot shows an Excel spreadsheet with a PivotTable. The PivotTable is located in the range A10:H16. The PivotTable Field List task pane is open on the right, showing a list of fields. The 'CAN' field is highlighted with an orange circle. An orange arrow points from the 'CAN' field in the task pane to the PivotTable. A callout box with an orange background and blue text says "Click and drag any item into the PivotTable".

PivotTable Data:

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	6,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,733,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,843,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRANTS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRANTS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	
		Y	9,608,995	9,850,454			
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535			
Research Centers Total			37,872,067	27,995,535			
Other Research Related	100 RPG	N	41,273,436	32,581,247			
		Y	2,182,737	1,816,722			
	100 RPG Total		43,456,173	34,397,969			
	310 RES. CAREERS	N	3,854,958	3,107,505			
		Y	1,071,122	1,092,345	1,096,974	354,993	355,297
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297

PivotTable Field List:

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Callout: Click and drag any item into the PivotTable

Adding Item to Excel PivotTable

The screenshot shows an Excel spreadsheet with a PivotTable. The PivotTable is based on the data in the table below. The PivotTable Field List on the right shows the following fields: Num, Mechanism, Submechanism, Admin IC, Type, Actv, Project, CAN, Reimb CAN, Awd Tot \$(by CAN), and Comm Base FY + 1. The 'CAN' field is selected and added to the Row Area. An orange arrow points from the 'CAN' field in the PivotTable Field List to the 'CAN' column in the data table. A callout box notes that the column was added and data is automatically recalculated.

Mechanism	Submechanism	Comp	CAN	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY	Comm F
Research Projects	100 RPG	N	8420815	13,714,947	11,643,405	8,171,756	4,876,600	
			8420821	11,069,288	41,556,336	42,752,419		
			8420832	31,332,377	24,150,487	17,076,005	8,583,780	
			8420863	1,638,000	1,264,174	964,699	319,991	
			8420864	100,607,806	76,544,449	52,389,385	28,389,289	36
			8420878	10,096,286	9,301,709	8,545,542	4,490,495	
			8425421	18,799				
			8426184	1,612,933				
		N Total		200,090,436	164,460,560	129,899,806	46,660,157	36
		Y	8420815	5,031,041	4,587,513	2,874,916	2,424,843	1,683
			8420832	7,134,219	7,303,793	7,215,837	4,608,213	3,065
			8420864	29,770,095	30,080,979	27,759,567	26,253,047	16,473
			8420878	5,063,200	5,221,549	5,339,211	5,441,953	4,553
			8425421	1,242,676				
		Y Total		48,546,430	43,189,534	43,189,531	38,728,056	25,776
	100 RPG Total			248,636,866	211,648,094	173,089,337	85,388,213	25,812,441
	(blank)	N	8420864	0		117,786	0	0
		N Total		0		117,786	0	0
	(blank) Total			0				
Research Projects Total				248,636,866	211,648,094	173,089,337	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	8426145	1,576,107				
			8426146	755,009				
		Y Total		2,331,116				
	100 RPG Total			2,331,116				
	190 SB GRANTS	N	8423827	3,868,217				
		N Total		3,868,217				
		Y	8420895	692,000				

Adding Sub-Field to Excel PivotTable

QVR users can modify the PivotTable to analyze data on a sub-field.

This section shows the process step by step.

In the PivotTable (Budget—Total Award Frozen Data) the user wants to analyze the data on the AIDS category. The AIDS data is downloaded as part of the raw data but it is not one of the data items in the final PivotTable.

Adding Sub-Field to Excel PivotTable

The screenshot displays an Excel spreadsheet with a PivotTable. The PivotTable is structured with 'Mechanism' and 'Submechanism' as row labels, and 'Comp', 'Awd Tot \$', 'Comm FY+1', 'Comm FY+2', 'Comm FY+3', and 'Comm FY+4' as column labels. The data is summarized by mechanism, showing totals for various categories like Research Projects, SBIR-STTR, Research Centers, and Other Research Related.

The PivotTable Field List task pane on the right shows the available fields for the report. The 'AIDS' field is highlighted with an orange circle. An orange arrow points from this field to the 'Submechanism' column in the PivotTable. A callout box with the text 'Click and drag any item into the Sub-Field list' is positioned over the 'AIDS' field in the task pane.

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRAINTS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRAINTS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CEITERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,111,995
		Y	9,608,995	9,850,454	9,568,846	9,267,967	1,082,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	2,194,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG	N	41,272,400	33,851,800	22,800,000	11,900,000	2,290,027
		Y	4,176,905	3,552,297	1,531,581	1,531,581	1,531,581
	100 RPG Total		45,449,305	37,404,097	24,331,581	13,431,581	3,821,608
	310 RES. CAREERS	N	0	0	0	0	0
		Y	0	0	0	0	355,297
	310 RES. CAREERS Total		0	0	0	0	355,297
Other Research Related Total			45,449,305	37,404,097	24,331,581	13,431,581	4,176,905

Adding Sub-Field to Excel PivotTable

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

PivotTable

PivotTable

A2 PCC

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9	AIDS	(All)							
10									
11	Mechanism	Submechanism	Comp	Awrd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
12	Research Projects	100 RPG	N	2,000,436	164,460,560	129,899,806	46,660,157	36,110	
13			Y	48,719,834	47,193,834	43,189,531	38,728,056	25,776,331	
14		100 RPG Total					85,388,213	25,812,441	
15		(blank)	N				0	0	
16		(blank) Total					0	0	
17	Research Projects Total						85,388,213	25,812,441	
18									
19	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	
20		100 RPG Total		2,331,116	2,037,296	0	0	0	
21		190 SB GRAITS	N	3,868,217					
22			Y	4,710,795	3,581,229	1,091,142	0	0	
23		190 SB GRAITS Total		8,579,012	3,581,229	1,091,142	0	0	
24	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	
25									
26	Research Centers	100 RPG	N	2,872,067					
27		100 RPG Total		2,872,067					
28		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	
29			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
30		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
31	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
32									
33	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
34			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
35		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
36		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
37			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
38		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	

Click to analyze on Sub-field

PivotTable Field List

Drag items to the PivotTable report

- Comm Base FY + 1
- Comm Base FY + 2
- Comm Base FY + 3
- Comm Base FY + 4
- RFA/PA Number
- PCC
- AIDS
- Council
- Comp
- Co-Fund
- Late Enrmb Dt

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Adding Sub-Field to Excel PivotTable

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

PivotTable

PivotTable

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9	AIDS	(All)							
10									
11	Mechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4		
12	Research Projects	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110		
13		Y				28,056	25,776,331		
14		(blank)				213	25,812,441		
15						0	0		
16						0	0		
17	Research Projects Total					213	25,812,441		
18									
19	SBIR-STTR	Y				0	0		
20						0	0		
21		N				0	0		
22		Y	4,710,795	3,581,229	1,091,142	0	0		
23			8,579,012	3,581,229	1,091,142	0	0		
24	SBIR-STTR Total		10,910,128	5,618,525	1,091,142	0	0		
25									
26	Research Centers	N	2,872,067						
27			2,872,067						
28	100 RPG Total								
29	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995		
30		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222		
31	210 CENTERS SPEC/COMP Total		995,535	19,301,396	15,114,736	11,025,217	11,025,217		
32	Research Centers Total		995,535	19,301,396	15,114,736	11,025,217	11,025,217		
33	Other Research Related	100 RPG	581,240	30,165,299	3,671,888	2,290,027			
34		Y	2,762,751	1,816,720	1,789,302	1,766,907	1,531,581		
35	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608		
36	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0		
37		Y	1,071,122	1,092,345	1,096,974	354,993	355,297		
38	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297		

PivotTable Field List

Drag items to the PivotTable report

- Comm Base FY + 1
- Comm Base FY + 2
- Comm Base FY + 3
- Comm Base FY + 4
- RFA/PA Number
- PCC
- AIDS
- Council
- Comp
- Co-Fund
- Late Enrmb Dt

Add To Row Area

(1) Select "Y" to analyze on projects that are AIDS related

(2) Select

Adding Sub-Field to Excel PivotTable

The screenshot shows Microsoft Excel with a PivotTable and the PivotTable Field List task pane. The PivotTable is located in the range A11:H20. The PivotTable Field List task pane is open on the right side of the screen, showing the following fields:

- Comm Base FY + 1
- Comm Base FY + 2
- Comm Base FY + 3
- Comm Base FY + 4
- RFA/PA Number
- PCC
- AIDS
- Council
- Comp
- Co-Fund
- Late Enrmb Dt

The PivotTable data is as follows:

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	Y	294,500	298,500	298,500	298,500	300,000
100 RPG Total			294,500	298,500	298,500	298,500	300,000
Research Projects Total			294,500	298,500	298,500	298,500	300,000
Research Centers	210 CENTERS SPEC/COMP	N	37,125				
210 CENTERS SPEC/COMP Total			37,125				
Research Centers Total			37,125				
Grand Total			331,625	298,500	298,500	298,500	300,000

Inserting a Calculated Field onto an Excel PivotTable

QVR users may want to insert calculated fields in the Standard Report PivotTables.

This section shows the process step by step.

In the following example, the user wants to make an estimate of what the **total awarded funds** would be for each budget category if that column of data is incremented upwards by **7 percent**.

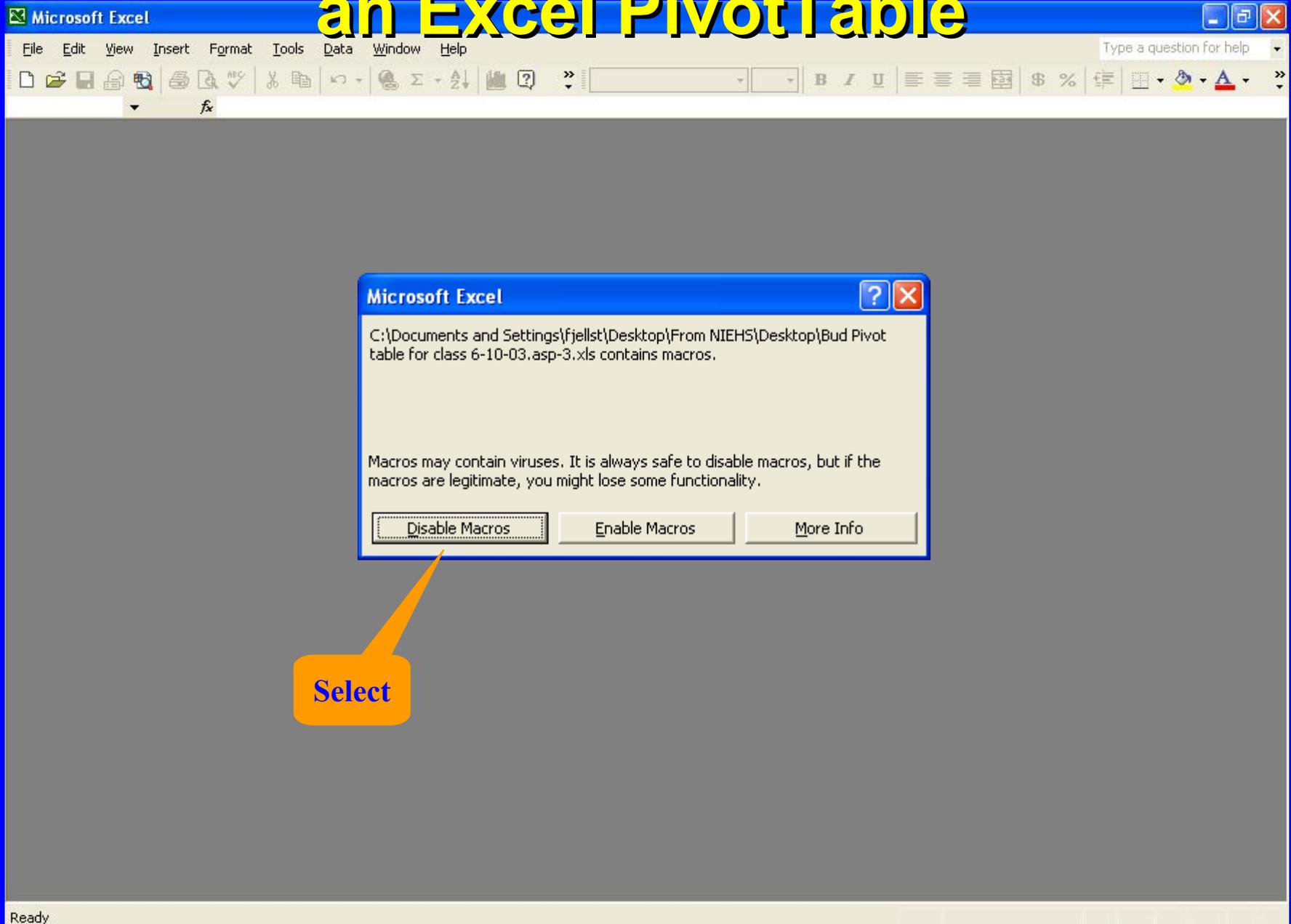
Inserting a Calculated Field onto an Excel PivotTable

To do this, you must first make sure that **Macros are disabled.**

Note: When you generate a Standard Report in QVR, it is necessary to “Enable Macros” to achieve the proper formatting of the report. However, once the file is saved on your hard drive, the macros are no longer necessary.

- 1) Open the Budget PivotTable file used in the previous example.
- 2) A dialog box appears. Select **Disable Macros.**

Inserting a Calculated Field onto an Excel PivotTable



Inserting a Calculated Field onto an Excel PivotTable

Microsoft Excel - Bud Pivot table for 11-03-10.sp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

Increase this column by 7 percent

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG		200,090,436	164,460,560	129,899,806	46,660,157	36,110
			48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)		0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG		2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRAITS		3,868,217				
			4,710,795	3,581,229	1,091,142	0	0
	190 SB GRAITS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG		2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP		25,391,005	18,145,081	9,732,550	5,846,769	1,642,995
			9,608,995	9,850,454	9,568,846	9,267,967	9,382,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG		41,273,436	32,581,240	30,165,299	3,671,888	2,290,027
			2,182,737	1,816,720	1,789,302	1,766,907	1,531,581
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608
	310 RES. CAREERS		3,854,958	3,107,505	1,974,376	956,425	0
			1,071,122	1,092,345	1,096,974	354,993	355,297
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297
Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Inserting a Calculated Field onto an Excel PivotTable

Microsoft Excel - Bud Pivot table for 11-03-10.sp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

Type a question for help

Click on any data field

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRAIITS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRAIITS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995
		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027
		Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608
	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0
		Y	1,071,122	1,092,345	1,096,974	354,993	355,297
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297
Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Inserting a Calculated Field onto an Excel PivotTable

**Select "Insert"
Select "Calculated Field" from the dropdown menu**

Mechanism	Submechanism	Comp	Awd Tot	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRAIITS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRAIITS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995
		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027
		Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608
	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0
		Y	1,071,122	1,092,345	1,096,974	354,993	355,297
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297
Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905

PivotTable Field List
Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To: Row Area

Inserting a Calculated Field onto an Excel PivotTable

The screenshot shows a Microsoft Excel window with a PivotTable. The PivotTable is based on the 'PCC' data source and is currently filtered by 'Mechanism' (Research Projects) and 'Submechanism' (100 RPG). The PivotTable shows a summary of various fields across different categories. The 'Insert Calculated Field' dialog box is open, allowing the user to add a new calculated field. The 'Name' field is set to 'Field1', and the 'Formula' field is set to '= 0'. The 'Fields' list includes 'Num', 'Mechanism', 'Submechanism', 'Admin IC', 'Type', 'Actv', 'Project', and 'CAN'. An orange callout bubble points to the 'Name' field with the text 'Insert name of new field "Awd Tot + 7%"'. The PivotTable Field List is also visible on the right side of the screen.

1	Co-Fund	(All)							
2	PCC	(All)							
3	RF&PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism							
11	Research Projects	100 RPG							
12									
13		100 RPG Total							
14		(blank)							
15		(blank) Total							
16	Research Projects Total								
17									
18	SBIR-STTR	100 RPG							
19		100 RPG Total							
20		190 SB GRAIT							
21									
22		190 SB GRAIT							
23	SBIR-STTR Total								
24									
25	Research Centers	100 RPG							
26		100 RPG Total							
27	210 CENTERS SPEC/COMP		N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG							
33			N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
34		100 RPG Total	Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	

Inserting a Calculated Field onto an Excel PivotTable

Microsoft Excel - Bud Pivot table for 11/03/2013

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

Type a question for help

Insert Calculated Field

Name: Awd Tot + 7%

Formula: = 0

Fields:

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN

Insert Field

OK Close

Scroll down to Award Total.

PivotTable Field List

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

1	Co-Fund	(All)				
2	PCC	(All)				
3	RF&PA Number	(All)				
4	Actv	(All)				
5	Type	(All)				
6	Reimb CAN	(All)				
7	Admin IC	(All)				
8	CAN	(All)				
9						
10	Mechanism	Submechanism				
11	Research Projects	100 RPG				
12						
13		100 RPG Total				
14		(blank)				
15		(blank) Total				
16	Research Projects Total					
17						
18	SBIR-STTR	100 RPG				
19		100 RPG Total				
20		190 SB GRAIT				
21						
22		190 SB GRAIT				
23	SBIR-STTR Total					
24						
25	Research Centers	100 RPG				
26		100 RPG Total				
27	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769
28		Y	9,608,995	9,850,454	9,568,846	9,267,967
29	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736
30	Research Centers Total		37,872,067	27,995,535	19,301,396	15,114,736
31						
32	Other Research Related	100 RPG				
33		N	41,273,436	32,581,240	30,165,299	3,671,888
34		Y	2,182,737	1,816,720	1,789,302	1,766,907
35	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795
36	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425
37		Y	1,071,122	1,092,345	1,096,974	354,993
38	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418
39	Other Research Related Total		48,382,253	38,597,810	35,025,951	6,750,213

Final RawData ReportCriteria Sheet3

Ready

Inserting a Calculated Field onto an Excel PivotTable

Microsoft Excel - Bud Pivot table for 11/03/2013

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

Type a question for help

Insert Calculated Field

Name: Awd Tot + 7%

Formula: = 0

Fields:

- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1
- Comm Base FY + 2

Select

Insert Field

OK Close

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

1	Co-Fund	(All)				
2	PCC	(All)				
3	RF&PA Number	(All)				
4	Actv	(All)				
5	Type	(All)				
6	Reimb CAN	(All)				
7	Admin IC	(All)				
8	CAN	(All)				
9						
10	Mechanism	Submechanism				
11	Research Projects	100 RPG				
12						
13		100 RPG Total				
14		(blank)				
15		(blank) Total				
16	Research Projects Total					
17						
18	SBIR-STTR	100 RPG				
19		100 RPG Total				
20		190 SB GRAIT				
21						
22		190 SB GRAIT				
23	SBIR-STTR Total					
24						
25	Research Centers	100 RPG				
26		100 RPG Total				
27		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550
28			Y	9,608,995	9,850,454	9,568,846
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396
30	Research Centers Total			37,872,067	27,995,535	19,301,396
31						
32	Other Research Related	100 RPG				
33			N	41,273,436	32,581,240	30,165,299
34		100 RPG Total	Y	2,182,737	1,816,720	1,789,302
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376
36			Y	1,071,122	1,092,345	1,096,974
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350
38	Other Research Related Total			48,382,253	38,597,810	35,025,951

Final RawData ReportCriteria Sheet3

Ready

Inserting a Calculated Field onto an Excel PivotTable

The screenshot shows a Microsoft Excel window with a PivotTable. The PivotTable is based on the 'Mechanism' field, with 'Submechanism' as the row labels. The PivotTable data is as follows:

Mechanism	Submechanism	210 CENTERS SPEC/COMP	310 RES. CAREERS	Other Research Related	Research Centers Total	Research Projects Total	SBIR-STTR Total
	100 RPG	25,391,005	3,854,958	41,273,436	37,872,067	100 RPG Total	100 RPG Total
	100 RPG Total (blank)	9,608,995	1,071,122	2,182,737	27,995,535	100 RPG Total	100 RPG Total
	100 RPG Total (blank) Total	9,850,454	1,092,345	1,816,720	27,995,535	190 SB GRAITTS	190 SB GRAITTS
	190 SB GRAITTS	9,568,846	1,096,974	1,789,302	19,301,396	190 SB GRAITTS	190 SB GRAITTS
	190 SB GRAITTS Total	9,267,967	354,993	1,766,907	15,114,736	190 SB GRAITTS	190 SB GRAITTS
	190 SB GRAITTS Total	9,267,967	354,993	1,766,907	15,114,736	190 SB GRAITTS	190 SB GRAITTS
	210 CENTERS SPEC/COMP Total	35,000,000	4,926,080	43,456,173	35,000,000	210 CENTERS SPEC/COMP Total	210 CENTERS SPEC/COMP Total
	210 CENTERS SPEC/COMP Total	35,000,000	4,926,080	43,456,173	35,000,000	210 CENTERS SPEC/COMP Total	210 CENTERS SPEC/COMP Total
	210 CENTERS SPEC/COMP Total	35,000,000	4,926,080	43,456,173	35,000,000	210 CENTERS SPEC/COMP Total	210 CENTERS SPEC/COMP Total
	310 RES. CAREERS	3,854,958	1,071,122	1,071,122	3,071,350	310 RES. CAREERS	310 RES. CAREERS
	310 RES. CAREERS	3,854,958	1,071,122	1,071,122	3,071,350	310 RES. CAREERS	310 RES. CAREERS
	310 RES. CAREERS Total	4,926,080	1,092,345	1,096,974	4,199,850	310 RES. CAREERS Total	310 RES. CAREERS Total
	310 RES. CAREERS Total	4,926,080	1,092,345	1,096,974	4,199,850	310 RES. CAREERS Total	310 RES. CAREERS Total
	310 RES. CAREERS Total	4,926,080	1,092,345	1,096,974	4,199,850	310 RES. CAREERS Total	310 RES. CAREERS Total
	Other Research Related	41,273,436	1,071,122	2,182,737	48,382,253	Other Research Related	Other Research Related
	Other Research Related	41,273,436	1,071,122	2,182,737	48,382,253	Other Research Related	Other Research Related
	Other Research Related Total	48,382,253	4,199,850	4,176,905	48,382,253	Other Research Related Total	Other Research Related Total
	Other Research Related Total	48,382,253	4,199,850	4,176,905	48,382,253	Other Research Related Total	Other Research Related Total
	Other Research Related Total	48,382,253	4,199,850	4,176,905	48,382,253	Other Research Related Total	Other Research Related Total

The 'Insert Calculated Field' dialog box is open, showing the following details:

- Name: Awd Tot + 7%
- Formula: ='Awd Tot *(by CAN)'
- Fields list: Type, Actv, Project, CAN, Reimb CAN, **Awd Tot *(by CAN)**, Comm Base FY + 1, Comm Base FY + 2

An orange callout bubble points to the asterisk in the formula, stating: "Insert *1.07 (Asterisk is the symbol for multiply)".

Inserting a Calculated Field onto an Excel PivotTable

The screenshot shows the 'Insert Calculated Field' dialog box in Microsoft Excel. The dialog box is positioned over a PivotTable. The 'Name' field contains 'Awd Tot + 7%' and the 'Formula' field contains the formula `= 'Awd Tot $(by CAN)*1.07`. The 'Fields' list on the right side of the dialog box contains the following items: Type, Actv, Project, CAN, Reimb CAN, **Awd Tot \$(by CAN)**, Comm Base FY + 1, and Comm Base FY + 2. An orange callout bubble with the word 'Select' points to the 'Awd Tot \$(by CAN)' field in the list. The background shows a PivotTable with columns for various categories and rows for subtotals and totals.

27	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	
28		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
29	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30	Research Centers Total		37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581
34	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36		Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	
38	Other Research Related Total		48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	

Inserting a Calculated Field onto an Excel PivotTable

Microsoft Excel - Bud Pivot table for 11-03-13 sp-3

File Edit View Insert Format Tools Data Window Help

D10 Awd Tot \$

PivotTable

Type a question for help

The new column of data is calculated

	A	B	C	D	E	F	G	H	
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	Awd Tot + 7%
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	214,096,767
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	51,944,680
13		100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	266,041,447
14		(blank)	N	0	0	117,786	0	0	0
15		(blank) Total		0	0	117,786	0	0	0
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	266,041,447
17									
18	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	2,494,294
19		100 RPG Total		2,331,116	2,037,296	0	0	0	2,494,294
20		190 SB GRAIITS	N	3,868,217					4,138,992
21			Y	4,710,795	3,581,229	1,091,142	0	0	5,040,551
22		190 SB GRAIITS Total		8,579,012	3,581,229	1,091,142	0	0	9,179,543
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	11,673,837
24									
25	Research Centers	100 RPG	N	2,872,067					3,073,112
26		100 RPG Total		2,872,067					3,073,112
27		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	27,168,375
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	10,281,625
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	37,450,000
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	40,523,112
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	44,162,577
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	2,335,529
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	46,498,105
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	4,124,805
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	1,146,101
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	5,270,906
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	51,769,011

Final RawData ReportCriteria Sheet3

Ready

Creating PivotTable on Different Sheets

QVR users can create additional PivotTables on different sheets using the Standard Report PivotTables.

This section shows the process step by step.

In the following example, the user wants to make separate PivotTables for each PCC.

Creating PivotTable on Different Sheets

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

PivotTable

1) Select "PivotTable"
2) Select "Show Pages"

Mechanism	Submechanism	Comp	Awd Tot	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRAITS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRAITS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995
		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027
		Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608
	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0
		Y	1,071,122	1,092,345	1,096,974	354,993	355,297
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297
Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Creating PivotTable on Different Sheets

The screenshot shows Microsoft Excel with a PivotTable on Sheet3. The PivotTable is based on the data in the range A10:H38. The PivotTable is currently showing the 'PCC' page. The 'Show Pages' dialog box is open, showing a list of pages: CAN, Admin IC, Reimb CAN, Type, Actv, RFA/PA Number, PCC, and Co-Fund. The 'PCC' page is selected. The PivotTable Field List is also visible, showing the fields: Num, Mechanism, Submechanism, Admin IC, Type, Actv, Project, CAN, Reimb CAN, and Awd Tot \$(by CAN). The 'Add To' button is set to 'Row Area'.

1) Select

2) Select

			Comm FY+2	Comm FY+3	Comm FY+4
1	Co-Fund	(All)			
2	PCC	(All)			
3	RFA/PA Number	(All)			
4	Actv	(All)			
5	Type	(All)			
6	Reimb CAN	(All)			
7	Admin IC	(All)			
8	CAN	(All)			
10	Mechanism	Submechanism			
11	Research Projects	100 RPG	999,806	46,660,157	
12					
13		100 RPG Total	999,806	46,660,157	
14		(blank)			
15		(blank) Total			
16	Research Projects Total		999,806	46,660,157	
18	SBIR-STTR	100 RPG			
19		100 RPG Total			
20		190 SB GRAITS			
21					
22		190 SB GRAITS Total			
23	SBIR-STTR Total		0	0	0
25	Research Centers	100 RPG			
26		100 RPG Total			
27		210 CENTERS SPEC/COMP	25,391,005	18,145,081	9,732,550
28			9,608,995	9,850,454	9,568,846
29		210 CENTERS SPEC/COMP Total	35,000,000	27,995,535	19,301,396
30	Research Centers Total		37,872,067	27,995,535	19,301,396
32	Other Research Related	100 RPG			
33					
34		100 RPG Total			
35		310 RES. CAREERS	3,854,958	3,107,505	1,974,376
36			1,071,122	1,092,345	1,096,974
37		310 RES. CAREERS Total	4,926,080	4,199,850	3,071,350
38	Other Research Related Total		48,382,253	38,597,810	35,025,951

Creating PivotTable on Different Sheets

The screenshot displays a Microsoft Excel window titled "Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3". The main window shows a PivotTable with the following data:

Mechani	Submec	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Other Rese	100 RPG	N	20,052,755	15,496,237	15,960,753	0	0
	100 RPG Total		20,052,755	15,496,237	15,960,753	0	0
Other Research Related Total			20,052,755	15,496,237	15,960,753	0	0
Grand Total			20,052,755	15,496,237	15,960,753	0	0

The PivotTable Field List on the right side of the window shows the following fields:

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

An orange callout bubble with the text "PivotTables are created for each PCC" is positioned over the PivotTable. A large orange arc is drawn at the bottom of the spreadsheet area.

Ready

Adding a “Count” Field

QVR users may add columns of data to a Standard Report Pivot Tables.

This section shows the process step by step.

In the following example, the user wants to add a column to the PivotTable that “counts” the number of records in a particular column of data.

Adding a "Count" Field

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

Type a question for help

1) Select "Data"
2) Select "PivotTable and Pivot Chart Report"

Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRAITS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRAITS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995
		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027
		Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608
	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0
		Y	1,071,122	1,092,345	1,096,974	354,993	355,297
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297
Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Adding a "Count" Field

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

PivotTable and PivotChart Wizard - Step 3 of 3

Where do you want to put the PivotTable report?

New worksheet

Existing worksheet

=\$A\$10

Click Finish to create your PivotTable report.

Layout... Options... Cancel < Back Next > Finish

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism							
11	Research Projects	100 RPG							
12									
13		100 RPG Total							
14		(blank)							
15		(blank) Total							
16	Research Projects Total								
17									
18	SBIR-STTR	100 RPG							
19		100 RPG Total							
20		190 SB GRAITS							
21									
22		190 SB GRAITS Total		8,579,012	3,581,229	1,091,142	0	0	0
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	0
24									
25	Research Centers	100 RPG	N	2,872,067					
26		100 RPG Total		2,872,067					
27		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081		6,769	1,642,995	
28			Y	9,608,995	9,850,454		7,967	9,382,222	
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	

Ready

Adding a "Count" Field

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

PivotTable and PivotChart Wizard - Layout

Construct your PivotTable report by dragging the field buttons on the right to the diagram on the left.

Co-Fund Mechanism Submechanism Awd Tot \$ Comm FY+1 Comm FY+2 Comm FY+3 Comm FY+4

ROW

Num Awd Tot \$ Comp Mechanism Comm Bas Co-Fund Submecha Comm Bas Late Encl Admin IC Comm Bas ExpAuth Type Comm Bas Actv RFA/PA N Project PCC CAN AIDS Reimb CA Council

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism							
11	Research Projects	100 RPG							
12									
13		100 RPG Total							
14		(blank)							
15		(blank) Total							
16	Research Projects Total								
17									
18	SBIR-STTR	100 RPG							
19		100 RPG Total							
20		190 SB GRAITS							
21									
22		190 SB GRAITS Total							
23	SBIR-STTR Total			10,910,128	5,618,525	91,142	0	0	
24									
25	Research Centers	100 RPG	N	2,872,067					
26		100 RPG Total		2,872,067					
27		210 CENTERS SPEC/COMP	N			5,846,769	1,642,995		
28			Y			9,267,967	9,382,222		
29		210 CENTERS SPEC/COMP Total				15,114,736	11,025,217		
30	Research Centers Total					15,114,736	11,025,217		
31									
32	Other Research Related	100 RPG	N			3,671,888	2,290,027		
33			Y			1,766,907	1,531,581		
34		100 RPG Total				5,438,795	3,821,608		
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	

Final RawData ReportCriteria Sheet3

Ready

Adding a "Count" Field

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable and PivotChart Wizard - Layout

Construct your PivotTable report by dragging the field buttons on the right to the diagram on the left.

Count of Project

Select

PivotTable Field List

Drag items to the PivotTable report

Num
Mechanism
Submechanism
Admin IC
Type
Actv
Project
CAN
Reimb CAN
Awd Tot \$(by CAN)

Add To Row Area

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RF&PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism							
11	Research Projects	100 RPG							
12									
13		100 RPG Total							
14		(blank)							
15		(blank) Total							
16	Research Projects Total								
17									
18	SBIR-STTR	100 RPG							
19									
20		100 RPG Total							
21		190 SB GRAITS							
22									
23	SBIR-STTR Total			10,910,128	5,618,525	1,011,142	0	0	0
24									
25	Research Centers	100 RPG	N	2,872,067					
26									
27		100 RPG Total		2,872,067					
28		210 CENTERS SPEC/COMP	N	25,391,005	18,846,550	5,846,769	1,642,995		
29			Y	9,608,995	9,382,222	8,846	9,267,967	9,382,222	
30	Research Centers Total			35,000,000	27,995,535	15,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	

Adding a "Count" Field

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

PivotTable and PivotChart Wizard - Step 3 of 3

Where do you want to put the PivotTable report?

New worksheet

Existing worksheet

=\$A\$10

Click Finish to create your PivotTable report.

Layout... Options... Cancel < Back Next > Finish

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism							
11	Research Projects	100 RPG							
12									
13		100 RPG Total							
14		(blank)							
15		(blank) Total							
16	Research Projects Total								
17									
18	SBIR-STTR	100 RPG							
19		100 RPG Total							
20		190 SB GRAITS							
21									
22		190 SB GRAITS Total		8,579,012	3,581,229	1,091,142	0	0	0
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	0
24									
25	Research Centers	100 RPG	N	2,872,067					
26		100 RPG Total		2,872,067					
27		210 CENTERS SPEC/COMP	N	25,391,005	18,399,535	15,001,396	15,114,736	11,025,217	
28			Y	9,608,995	9,382,222	15,114,736	11,025,217		
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	15,001,396	15,114,736	11,025,217	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	

Ready

Adding a "Count" Field

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

A2

PivotTable

PivotTable

New Column added
"Count of Projects"

	A	B	C	D	E	F	G	H	I	J
1	Co-Fund	(All)								
2	PCC	(All)								
3	RFA/PA Number	(All)								
4	Actv	(All)								
5	Type	(All)								
6	Reimb CAN	(All)								
7	Admin IC	(All)								
8	CAN	(All)								
9										
10	Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	Count of Project	
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	529	
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	145	
13		100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	674	
14		(blank)	N	0	0	117,786	0	0	6	
15		(blank) Total		0	0	117,786	0	0	6	
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	680	
17										
18	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	15	
19		100 RPG Total		2,331,116	2,037,296	0	0	0	15	
20		190 SB GRAINTS	N	3,868,217					13	
21			Y	4,710,795	3,581,229	1,091,142	0	0	23	
22		190 SB GRAINTS Total		8,579,012	3,581,229	1,091,142	0	0	36	
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	51	
24										
25	Research Centers	100 RPG	N	2,872,067					4	
26		100 RPG Total		2,872,067					4	
27		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	29	
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	13	
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	42	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	46	
31										
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	96	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	57	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	153	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	37	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	10	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	47	
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	200	

Final / RawData / ReportCriteria / Sheet3 /

Ready

Modifying Data

QVR users may want to add, delete or change a record in the raw data and have that recalculated in the Standard Report PivotTables.

This section shows the process step by step.

In the following example, the user deletes two records from the Standard Report PivotTable.

Modifying Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

A2 PCC

PivotTable

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RF&PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	
13		100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	
14		(blank)	N	0	0	117,786	0	0	
15		(blank) Total		0	0	117,786	0	0	
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	
17									
18	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	
19		100 RPG Total		2,331,116	2,037,296	0	0	0	
20		190 SB GRAITS	N	3,868,217					
21			Y	4,710,795	3,581,229	1,091,142	0	0	
22		190 SB GRAITS Total		8,579,012	3,581,229	1,091,142	0	0	
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	
24									
25	Research Centers	100 RPG		2,872,067					
26		100 RPG Total		2,872,067					
27		210 CENTERS SPEC/CO	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
29		210 CENTERS SPE COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35		210 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		210 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Modifying Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

A1

	A	B	C	D	E	F	G	H	I	J	K
1											
2	Num	Mech Code	Submech	Admin IC	Type	Actv	Project	CAN	Reimb CAN	Awd Tot \$(by CAN)	Comm Base
3	1	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011031-01	8420865 N		108,000	
4	2	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011027-01	8420865 N		103,828	
5	3	Other Research Related	310 RES. CAREERS		ES 1		33-01	8420865 N		76,800	
6	4	Other Research Related	310 RES. CAREERS		ES 1		75-01A1	8420865 N		108,000	
7	5	Research Projects	100 RPG		ES 1		41-01	8425421 N		142,000	
8	6	Research Projects	100 RPG		ES 1		76-13	8420864 N		218,250	
9	7	Research Centers	210 CENTERS SPEC/COMP		ES 1		78-01	8423861 N		392,348	
10	8	Training, Individual	410 INDIV NRSA		ES 1	F32	ES011245-01	8423865 N		0	
11	9	Research Projects	100 RPG		ES 1	R01	ES011288-01	8420864 N		317,486	
12	10	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES005705-11	8423862 N		377,500	
13	11	Research Projects	100 RPG		ES 1	R01	ES011305-01	8420815 N		236,286	
14	12	Research Projects	100 RPG		ES 1	R01	ES011295-01	8420864 N		284,000	
15	13	Research Projects	100 RPG		ES 1	R01	ES011297-01	8420815 N		334,125	
16	14	Research Projects	100 RPG		ES 1	R01	ES011294-01	8420832 N		267,499	
17	15	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES009106-05	8423861 N		1,431,228	
18	16	Other Research Related	310 RES. CAREERS		ES 1	K08	ES011302-01	8420865 N		127,508	
19	17	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES006096-11	8423861 N		1,469,304	
20	18	Other Research Related	100 RPG		HL 1	R13	HL069204-01	8420864 N		5,000	
21	19	Research Projects	100 RPG		ES 1	R01	ES011331-01	8420864 N		264,639	
22	20	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES005707-11	8423861 N		1,436,512	
23	21	Research Projects	100 RPG		ES 1	R01	ES011317-01	8420832 N		338,590	
24	22	Research Projects	100 RPG		ES 2	R01	ES009558-05A1	8420864 N		326,000	
25	23	Research Projects	100 RPG		ES 1	R01	ES010553-01A2	8420864 N		305,416	
26	24	Research Projects	100 RPG		ES 1	R01	ES011005-01A1	8420815 N		151,000	
27	25	Research Projects	100 RPG		ES 1	R01	ES010859-01A1	8420864 N		289,725	
28	26	Research Projects	100 RPG		ES 2	R01	ES007259-05A2	8420864 N		300,000	
29	27	Research Projects	100 RPG		ES 1	R01	ES010922-01A1	8420832 N		516,196	
30	28	Research Projects	100 RPG		ES 9	R01	ES011858-11A1	8420864 N		530,033	
31	29	Research Projects	100 RPG		ES 1	R01	ES010975-01A1	8420864 N		903,345	
32	30	Research Projects	100 RPG		ES 2	R01	ES007747-08	8420864 N		385,240	
33	31	Research Projects	100 RPG		ES 1	R01	ES011000-01A1	8420864 N		344,459	
34	32	Other Research Related	100 RPG		CA 1	R13	CA094249-01	8420864 N		5,000	
35	33	Other Research Related	100 RPG		CA 1	R13	CA094247-01	8420864 N		3,000	
36	34	Research Projects	100 RPG		ES 1	R01	ES011831-01	8420864 N		240,250	
37	35	Research Projects	100 RPG		ES 2	R01	ES005823-10	8420864 N		298,000	

Final \RawData\ ReportCriteria / Sheet3 /

Ready

Sum=10344938823

Delete these two records

Modifying Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

A17 15

	A	B	C	D	E	F	G	H	I	J	K
1											
2	Num	Mech Code	Submech					CAN	Reimb CAN	Awd Tot \$(by CAN)	Comm Base
3	1	Other Research Related	310 RES. CARE					8420865	N	108,000	
4	2	Other Research Related	310 RES. CARE					8420865	N	103,828	
5	3	Other Research Related	310 RES. CARE					8420865	N	76,800	
6	4	Other Research Related	310 RES. CARE				1	8420865	N	108,000	
7	5	Research Projects	100 RPG					8425421	N	142,000	
8	6	Research Projects	100 RPG					8420864	N	218,250	
9	7	Research Centers	210 CENTE					8423861	N	392,348	
10	8	Training, Individual	410 INDIV					8423865	N	0	
11	9	Research Projects	100 RPG					8420864	N	317,486	
12	10	Research Centers	210 CENTERS SPEC					8423862	N	377,500	
13	11	Research Projects	100 RPG		ES 1	R01	ES011305-01	8420815	N	236,286	
14	12	Research Projects	100 RPG		ES 1	R01	ES011295-01	8420864	N	284,000	
15	13	Research Projects	100 RPG		ES 1	R01	ES011297-01	8420815	N	334,125	
16	14	Research Projects	100 RPG		ES 1	R01	ES011294-01	8420832	N	267,499	
17	15	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES009106-05	8423861	N	1,431,228	
18	16	Other Research Related	310 RES. CAREERS		ES 1	K08	ES011302-01	8420865	N	127,508	
19	17	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES006096-11	8423861	N	1,469,304	
20	18	Other Research Related	100 RPG		HL 1	R13	HL069204-01	8420864	N	5,000	
21	19	Research Projects	100 RPG		ES 1	R01	ES011331-01	8420864	N	264,000	
22	20	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES005707-11	8420864	N	377,500	
23	21	Research Projects	100 RPG		ES 1	R01	ES011317-01	8420864	N	264,000	
24	22	Research Projects	100 RPG		ES 2	R01	ES009558-05A1	8420864	N	344,459	
25	23	Research Projects	100 RPG		ES 1	R01	ES010553-01A2	8420864	N	344,459	
26	24	Research Projects	100 RPG		ES 1	R01	ES011005-01A1	8420864	N	344,459	
27	25	Research Projects	100 RPG		ES 1	R01	ES010859-01A1	8420864	N	344,459	
28	26	Research Projects	100 RPG		ES 2	R01	ES007259-05A2	8420864	N	344,459	
29	27	Research Projects	100 RPG		ES 1	R01	ES010922-01A1	8420832	N	316,196	
30	28	Research Projects	100 RPG		ES 9	R01	ES011858-11A1	8420864	N	530,033	
31	29	Research Projects	100 RPG		ES 1	R01	ES010975-01A1	8420864	N	903,345	
32	30	Research Projects	100 RPG		ES 2	R01	ES007747-08	8420864	N	385,240	
33	31	Research Projects	100 RPG		ES 1	R01	ES011000-01A1	8420864	N	344,459	
34	32	Other Research Related	100 RPG		CA 1	R13	CA094249-01	8420864	N	5,000	
35	33	Other Research Related	100 RPG		CA 1	R13	CA094247-01	8420864	N	3,000	
36	34	Research Projects	100 RPG		ES 1	R01	ES011831-01	8420864	N	240,250	
37	35	Research Projects	100 RPG		ES 2	R01	ES005823-10	8420864	N	298,000	

1) Click left box to select record

2) Hold down Control key and click second record

Note: The Shift key may be used to select a range of records

Final \RawData\ ReportCriteria \ Sheet3 /

Ready Sum=15681286

Modifying Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

A19 f 17

	A	C	D	E	F	G	H	I	J	K	
1											
2	Num	Mech Code	Submech	Admin IC	Type	Actv	Project	CAN	Reimb CAN	Awd Tot \$(by CAN)	Comm Base
3	1	Other Research	210 RES. CAREERS		ES 1	K22	ES011031-01	8420865	N	108,000	
4	2	Other Research	210 RES. CAREERS		ES 1	K22	ES011027-01	8420865	N	103,828	
5	3	Other Research			ES 1	K22	ES011033-01	8420865	N	76,800	
6	4	Other Research			ES 1	K22	ES000375-01A1	8420865	N	108,000	
7	5	Research Projects			ES 1	R15	ES011141-01	8425421	N	142,000	
8	6	Research Projects			ES 2	R01	ES004176-13	8420864	N	218,250	
9	7	Research Centers			ES 1	P20	ES011278-01	8423861	N	392,348	
10	8	Training, Indiv			ES 1	F32	ES011245-01	8423865	N	0	
11	9	Research Projects	100 RPG		ES 1	R01	ES011288-01	8420864	N	317,486	
12	10	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES005705-11	8423862	N	377,500	
13	11	Research Projects	100 RPG		ES 1	R01	ES011305-01	8420815	N	236,286	
14	12	Research Projects	100 RPG		ES 1	R01	ES011295-01	8420864	N	284,000	
15	13	Research Projects	100 RPG		ES 1	R01	ES011297-01	8420815	N	334,125	
16	14	Research Projects	100 RPG		ES 1	R01	ES011294-01	8420832	N	267,499	
17	15	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES009106-05	8423861	N	1,431,228	
18	16	Other Research Related	310 RES. CAREERS		ES 1	K08	ES011302-01	8420865	N	127,508	
19	17	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES006096-11	8423861	N	1,469,304	
20	18	Other Research Related	100 RPG		HL 1	R13	HL069204-01	8420864	N	5,000	
21	19	Research Projects	100 RPG		ES 1	R01	ES011331-01	8420864	N	264,639	
22	20	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES005707-11	8423861	N	1,436,512	
23	21	Research Projects	100 RPG		ES 1	R01	ES011317-01	8420832	N	338,590	
24	22	Research Projects	100 RPG		ES 2	R01	ES009558-05A1	8420864	N	326,000	
25	23	Research Projects	100 RPG		ES 1	R01	ES010553-01A2	8420864	N	305,416	
26	24	Research Projects	100 RPG		ES 1	R01	ES011005-01A1	8420815	N	151,000	
27	25	Research Projects	100 RPG		ES 1	R01	ES010859-01A1	8420864	N	289,725	
28	26	Research Projects	100 RPG		ES 2	R01	ES007259-05A2	8420864	N	300,000	
29	27	Research Projects	100 RPG		ES 1	R01	ES010922-01A1	8420832	N	516,196	
30	28	Research Projects	100 RPG		ES 9	R01	ES011858-11A1	8420864	N	530,033	
31	29	Research Projects	100 RPG		ES 1	R01	ES010975-01A1	8420864	N	903,345	
32	30	Research Projects	100 RPG		ES 2	R01	ES007747-08	8420864	N	385,240	
33	31	Research Projects	100 RPG		ES 1	R01	ES011000-01A1	8420864	N	344,459	
34	32	Other Research Related	100 RPG		CA 1	R13	CA094249-01	8420864	N	5,000	
35	33	Other Research Related	100 RPG		CA 1	R13	CA094247-01	8420864	N	3,000	
36	34	Research Projects	100 RPG		ES 1	R01	ES011831-01	8420864	N	240,250	
37	35	Research Projects	100 RPG		ES 2	R01	ES005823-10	8420864	N	298,000	

1) Click "Edit"
2) Click "delete"

Final \RawData\ ReportCriteria \ Sheet3 /

Ready Sum=31434386

Modifying Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

Type a question for help

A19 19

	A	B	C	D	E	F	G	H	I	J	K
1											
2	Num	Mech Code	Submech	Admin IC	Type	Actv	Project	CAN	Reimb CAN	Awd Tot \$(by CAN)	Comm Base
3	1	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011031-01	8420865	N	108,000	
4	2	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011027-01	8420865	N	103,828	
5	3	Other Research Related	310 RES. CAREERS		ES 1	K22	ES011033-01	8420865	N	76,800	
6	4	Other Research Related	310 RES. CAREERS		ES 1	K22	ES000375-01A1	8420865	N	108,000	
7	5	Research Projects	100 RPG		ES 1	R15	ES011141-01	8425421	N	142,000	
8	6	Research Projects	100 RPG		ES 2	R01	ES004176-13	8420864	N	218,250	
9	7	Research Centers	210 CENTERS SPEC/COMP		ES 1	P20	ES011278-01	8423861	N	392,348	
10	8	Training, Individual	410 INDIV NRSA		ES 1	F32	ES011245-01	8423865	N	0	
11	9	Research Centers	100 RPG		ES 1	R01	ES011288-01	8420864	N	317,486	
12	10	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES005705-11	8423862	N	377,500	
13	11	Research Projects	100 RPG		ES 1	R01	ES011305-01	8420815	N	236,286	
14	12	Research Projects	100 RPG		ES 1	R01	ES011295-01	8420864	N	284,000	
15	13	Research Projects	100 RPG		ES 1	R01	ES011297-01	8420815	N	334,125	
16	14	Research Projects	100 RPG		ES 1	R01	ES011294-01	8420832	N	267,499	
17	16	Other Research Related	310 RES. CAREERS		ES 1	K08	ES011302-01	8420865	N	127,508	
18	18	Other Research Related	100 RPG		HL 1	R13	HL069204-01	8420864	N	5,000	
19	19	Research Projects	100 RPG		ES 1	R01	ES011331-01	8420864	N	264,639	
20	20	Research Centers	210 CENTERS SPEC/COMP		ES 2	P30	ES005707-11	8423861	N	1,436,512	
21	21	Research Projects	100 RPG		ES 1	R01	ES011317-01	8420832	N	338,590	
22	22	Research Projects	100 RPG		ES 2	R01	ES009558-05A1	8420864	N	326,000	
23	23	Research Projects	100 RPG		ES 1	R01	ES010553-01A2	8420864	N	305,416	
24	24	Research Projects	100 RPG		ES 1	R01	ES011005-01A1	8420815	N	151,000	
25	25	Research Projects	100 RPG		ES 1	R01	ES010859-01A1	8420864	N	289,725	
26	26	Research Projects	100 RPG		ES 2	R01	ES007259-05A2	8420864	N	300,000	
27	27	Research Projects	100 RPG		ES 1	R01	ES010922-01A1	8420832	N	516,196	
28	28	Research Projects	100 RPG		ES 9	R01	ES011858-11A1	8420864	N	530,033	
29	29	Research Projects	100 RPG		ES 1	R01	ES010975-01A1	8420864	N	903,345	
30	30	Research Projects	100 RPG		ES 2	R01	ES007747-08	8420864	N	385,240	
31	31	Research Projects	100 RPG		ES 1	R01	ES011000-01A1	8420864	N	344,459	
32	32	Other Research Related	100 RPG		CA 1	R13	CA094249-01	8420864	N	5,000	
33	33	Other Research Related	100 RPG		CA 1	R13	CA094247-01	8420864	N	3,000	
34	34	Research Projects	100 RPG		ES 1	R01	ES011831-01	8420864	N	240,250	
35	35	Research Projects	100 RPG		ES 2	R01	ES005823-10	8420864	N	298,000	
36	36	Research Projects	100 RPG		ES 2	R01	ES008146-04A1	8420864	N	390,927	
37	37	Research Projects	100 RPG		ES 2	R01	ES004738-11A2	8420864	N	293,518	

Final RawData ReportCriteria Sheet3

Ready Sum=18877603

Modifying Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

PivotTable

1) Select "Data"

2) Select "Refresh Data"

Mechanism	Submechanism	Comp	Awd Tot	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4
Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110
		Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331
	100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441
	(blank)	N	0	0	117,786	0	0
	(blank) Total		0	0	117,786	0	0
Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441
SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0
	100 RPG Total		2,331,116	2,037,296	0	0	0
	190 SB GRAIITS	N	3,868,217				
		Y	4,710,795	3,581,229	1,091,142	0	0
	190 SB GRAIITS Total		8,579,012	3,581,229	1,091,142	0	0
SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0
Research Centers	100 RPG	N	2,872,067				
	100 RPG Total		2,872,067				
	210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995
		Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222
	210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217
Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217
Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027
		Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581
	100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608
	310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0
		Y	1,071,122	1,092,345	1,096,974	354,993	355,297
	310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297
Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

Add To Row Area

Final RawData ReportCriteria Sheet3

Ready

Modifying Data

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Data Window Help

A2 PCC

PivotTable

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	Comm FY+5
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,117,786	0
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,000	0
13		100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,000	0
14		(blank)	N	0	0	117,786	0	0	0
15		(blank) Total		0	0	117,786	0	0	0
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,000	0
17									
18	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	0
19		100 RPG Total		2,331,116	2,037,296	0	0	0	0
20		190 SB GRAINTS	N	3,868,217	0	0	0	0	0
21			Y	4,710,795	3,581,229	1,091,142	0	0	0
22		190 SB GRAINTS Total		8,579,012	3,581,229	1,091,142	0	0	0
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	0
24									
25	Research Centers	100 RPG	N	2,872,067	0	0	0	0	0
26		100 RPG Total		2,872,067	0	0	0	0	0
27		210 CENTERS SPEC/COMP	N	6,708,463	6,945,072	6,853,778	6,382,285	6,476,998	0
28			Y	32,099,468	25,090,153	16,386,328	12,229,054	8,119,993	0
29		210 CENTERS SPEC/COMP Total		34,971,535	25,090,153	16,386,328	12,229,054	8,119,993	0
30	Research Centers Total			34,971,535	25,090,153	16,386,328	12,229,054	8,119,993	0
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	0
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	0
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	0
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	0
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	0
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	0
38	Other Research Related Total			48,382,253	38,597,810	35,025,951	6,750,213	4,176,905	0

Final RawData ReportCriteria Sheet3

Ready

Data is recalculated with the two projects deleted.

Grand Total is also recalculated.

Creating Excel PivotChart

QVR users can display data from a Standard Report PivotTable as a PivotChart.

This section shows the process step by step.

PivotCharts have many of the same data manipulation features found in PivotTables.

Creating Excel PivotChart

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

Type a question for help

File Edit View Insert Format Tools Data Window Help

Reply with Changes... Egd Review...

A2 PCC

PivotTable

PivotTable

Click to select PivotChart

	A	B	C	D	E	F	G	H	I
1	Co-Fund	(All)							
2	PCC	(All)							
3	RFA/PA Number	(All)							
4	Actv	(All)							
5	Type	(All)							
6	Reimb CAN	(All)							
7	Admin IC	(All)							
8	CAN	(All)							
9									
10	Mechanism	Submechanism	Comp	Awd Tot \$	Comm FY+1	Comm FY+2	Comm FY+3	Comm FY+4	
11	Research Projects	100 RPG	N	200,090,436	164,460,560	129,899,806	46,660,157	36,110	
12			Y	48,546,430	47,193,834	43,189,531	38,728,056	25,776,331	
13		100 RPG Total		248,636,866	211,654,394	173,089,337	85,388,213	25,812,441	
14		(blank)	N	0	0	117,786	0	0	
15		(blank) Total		0	0	117,786	0	0	
16	Research Projects Total			248,636,866	211,654,394	173,207,123	85,388,213	25,812,441	
17									
18	SBIR-STTR	100 RPG	Y	2,331,116	2,037,296	0	0	0	
19		100 RPG Total		2,331,116	2,037,296	0	0	0	
20		190 SB GRANTS	N	3,868,217					
21			Y	4,710,795	3,581,229	1,091,142	0	0	
22		190 SB GRANTS Total		8,579,012	3,581,229	1,091,142	0	0	
23	SBIR-STTR Total			10,910,128	5,618,525	1,091,142	0	0	
24									
25	Research Centers	100 RPG	N	2,872,067					
26		100 RPG Total		2,872,067					
27		210 CENTERS SPEC/COMP	N	25,391,005	18,145,081	9,732,550	5,846,769	1,642,995	
28			Y	9,608,995	9,850,454	9,568,846	9,267,967	9,382,222	
29		210 CENTERS SPEC/COMP Total		35,000,000	27,995,535	19,301,396	15,114,736	11,025,217	
30	Research Centers Total			37,872,067	27,995,535	19,301,396	15,114,736	11,025,217	
31									
32	Other Research Related	100 RPG	N	41,273,436	32,581,240	30,165,299	3,671,888	2,290,027	
33			Y	2,182,737	1,816,720	1,789,302	1,766,907	1,531,581	
34		100 RPG Total		43,456,173	34,397,960	31,954,601	5,438,795	3,821,608	
35		310 RES. CAREERS	N	3,854,958	3,107,505	1,974,376	956,425	0	
36			Y	1,071,122	1,092,345	1,096,974	354,993	355,297	
37		310 RES. CAREERS Total		4,926,080	4,199,850	3,071,350	1,311,418	355,297	

Field List

Num

Mechanism

Submechanism

Admin IC

Type

Actv

Project

CAN

Reimb CAN

Awd Tot \$(by CAN)

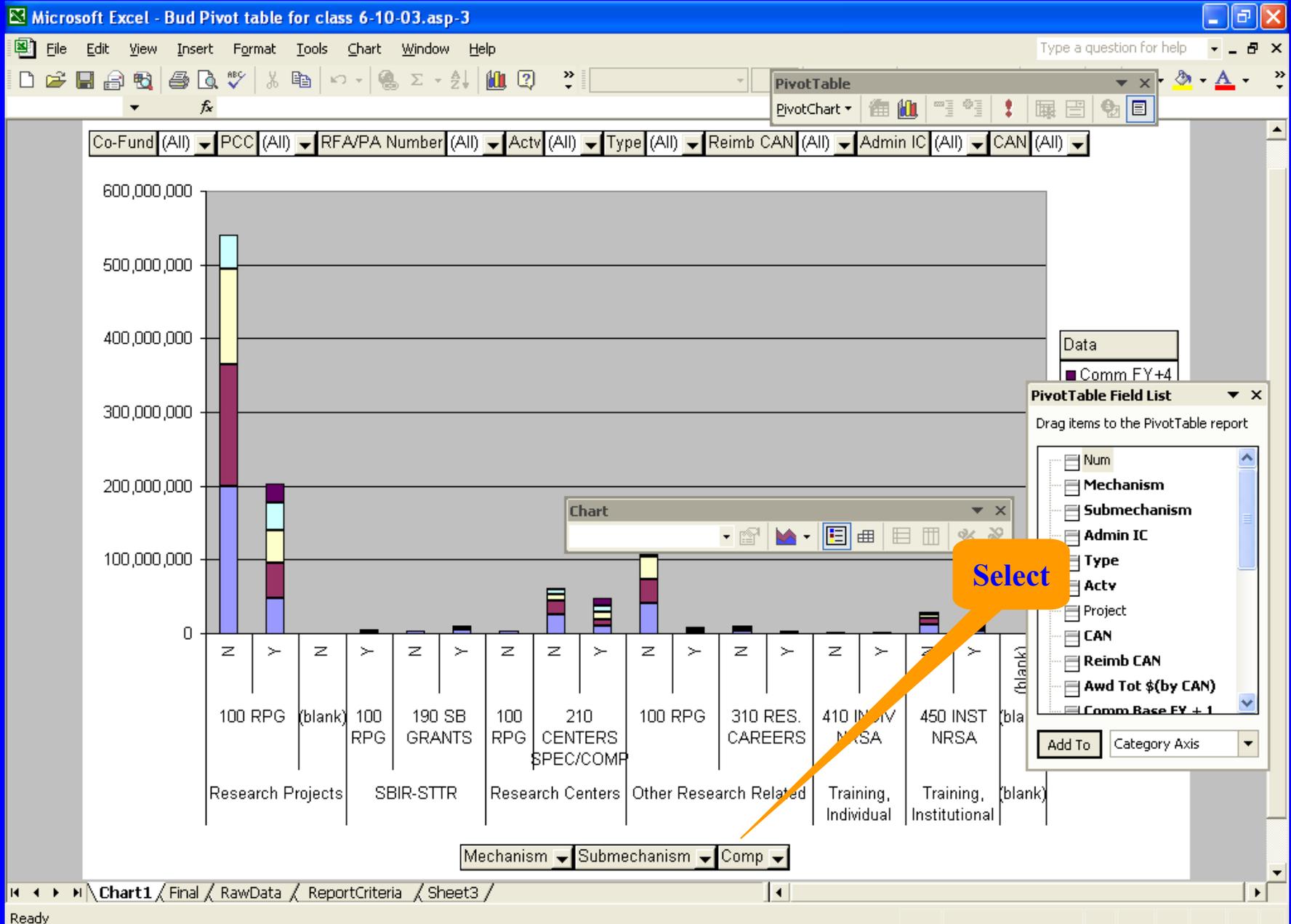
Comm Base FY + 1

Add To Row Area

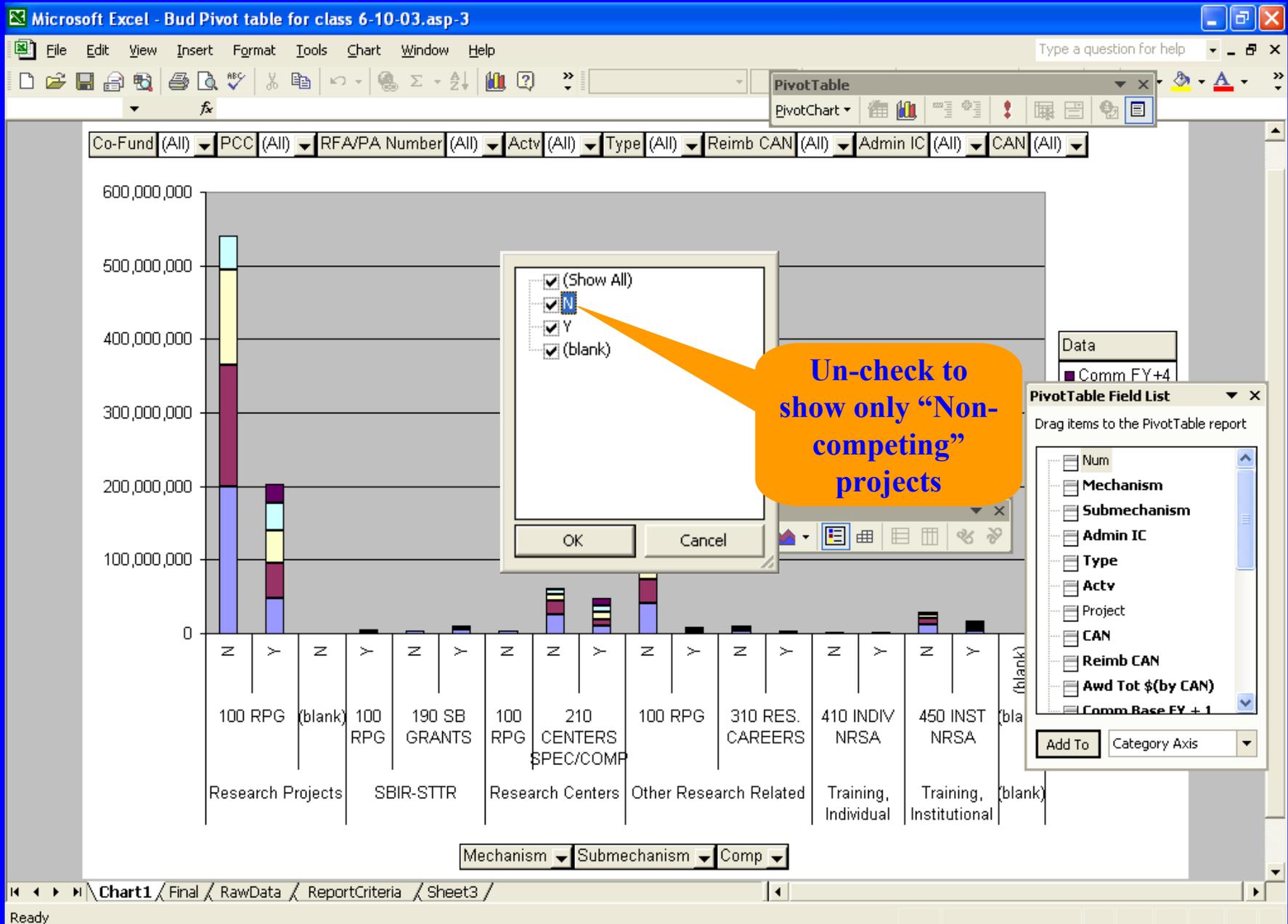
Final RawData ReportCriteria Sheet3

Ready

Excel PivotChart



Excel PivotChart



Excel PivotChart

Microsoft Excel - Bud Pivot table for class 6-10-03.asp-3

File Edit View Insert Format Tools Chart Window Help

Type a question for help

PivotTable PivotChart

Co-Fund (All) PCC (All) RFA/PA Number (All) Actv (All) Type (All) Reimb CAN (All) Admin IC (All) CAN (All)

600,000,000
500,000,000
400,000,000
300,000,000
200,000,000
100,000,000
0

Research Projects SBIR-STTR Research Centers Other Research Related Training, Individual Training, Institutional

100 RPG (blank) 100 RPG 190 SB GRANTS 100 RPG 210 CENTERS SPEC/COMP 100 RPG 310 RES. CAREERS 410 INDIV NRSA 450 INST NRSA

(blank)

Mechanism Submechanism Comp

Chart1 Final RawData ReportCriteria Sheet3

Ready

Data

Comm FY+4

PivotTable Field List

Drag items to the PivotTable report

- Num
- Mechanism
- Submechanism
- Admin IC
- Type
- Actv
- Project
- CAN
- Reimb CAN
- Awd Tot \$(by CAN)
- Comm Base FY + 1

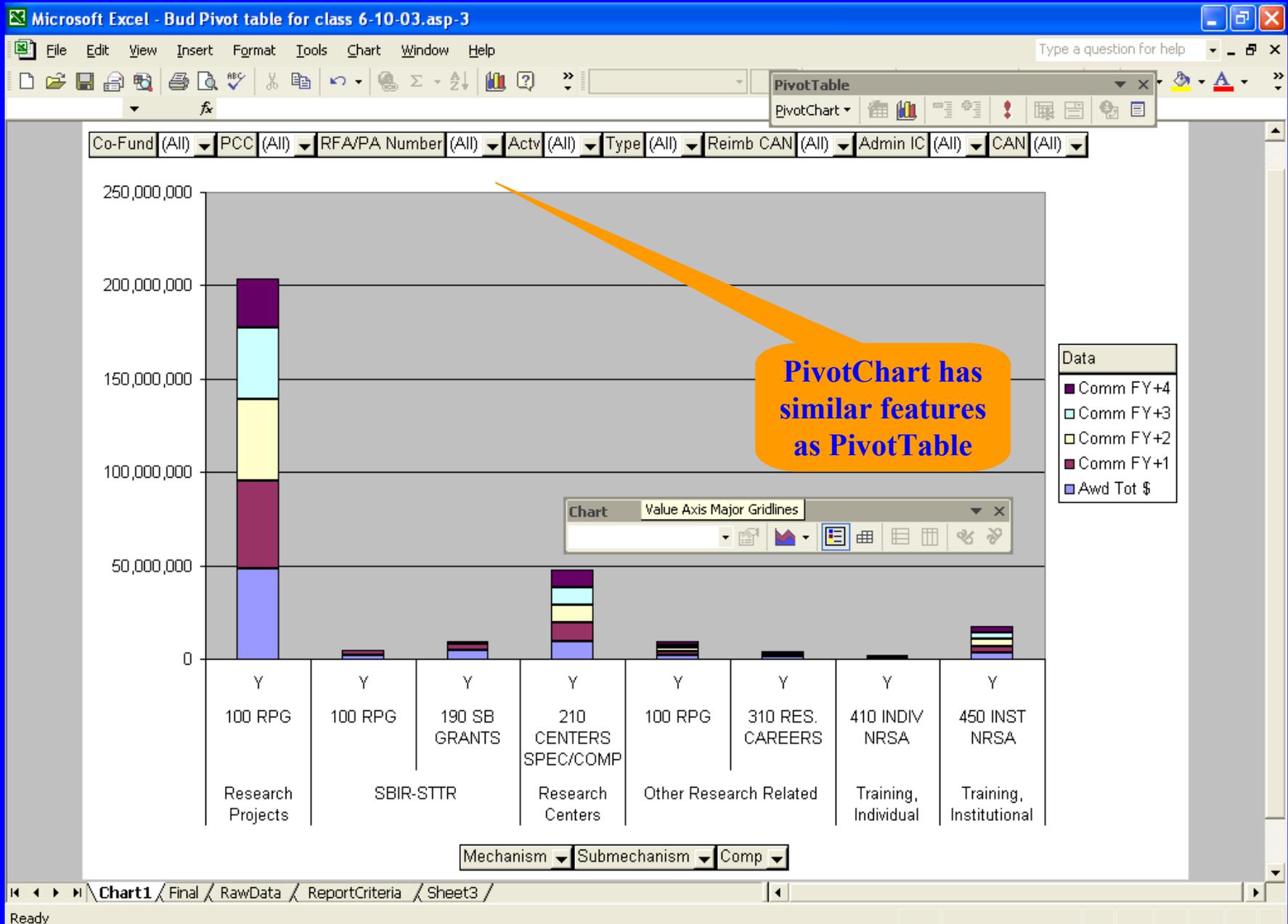
Add To Category Axis

(Show All)
 N
 Y
 (blank)

Select

OK Cancel

Excel PivotChart



Handy References

Microsoft Excel 2000 Bible
John Walkenbach and Will Kelly
Wiley Publishing, Inc., 1999

Using Microsoft Excel 2000 *Special Edition*
Patrick Blattner, Laurie Ulrich,
Ken Cook and Timothy Dyck
Que Corp., 1999