ArcSYS, Inc.- Draper, Utah

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ArcBITS Newsletter

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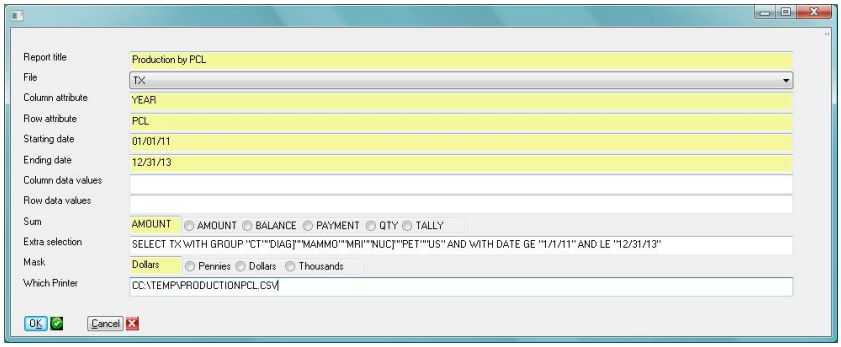
Pivot Reports and Google Docs

If you have used Pivot Reports before, you know how easy it is to get a quick way to do some useful data mining. With not much more work, you can easily import this information into Google Docs (think: Free, intuitive, collaborative) and produce some very interesting charts. Let's say we wanted to look at the dollar production for a 3-year period by PCL.



The screen shot at the left shows the report that would be generated.

YEAR-------->	2011	2012	2013	Total	%
PCL					
AETNA	76193	60419	100332	236944	2
CMC-OCCUPATI	4231	60	238	4529	0
COMMERCIAL	320458	260861	245160	826478	6
FIRST CHOICE	268862	231270	239986	740117	5
GROUP HEALTH	6537	8465	8453	23454	0
INDIAN HEALT	15924	14169	24693	54785	0
KITSAP PHYSI	13670	7036	11374	32079	0
MEDICAID	465352	418217	474937	1358506	9
MEDICARE	1534811	1486095	1588080	4608986	32
MVA/PIP	39366	28880	27938	96184	1
PACIFICARE P	0	249	0	249	0
PACIFICARE/S	2052	0	212	2263	0
PREMERA BX	605946	481748	540794	1628487	11
PRIVATE PAY	158941	138740	113097	410778	3
PROJECT ACCE	34098	30329	33759	98186	1
PSHP	179348	163837	179736	522921	4
REGENCE BS	1041390	843542	999402	2884334	20
SECUREHORIZO	63673	55009	96289	214971	1
SPECIAL STUD	15659	22251	31487	69396	0
TH CTY BCHP	23897	14741	20874	59511	0
UNIFORM MEDI	0		76	76	0
UNITED HEALT	100361	93403	169844	363608	3
WORKERS COMP	103457	62480	90349	256286	2
	5074220	4421797	4997106	14493122	
%	35	31	34		100

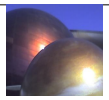
Note that subtotals and percentages are shown for both rows and columns.

Open your Google Docs account, create a Spreadsheet, click on File, click on Import, click on Upload, click on Select a file from your computer, and then browse to the c:\temp\productionpcl.csv file.

(more...)

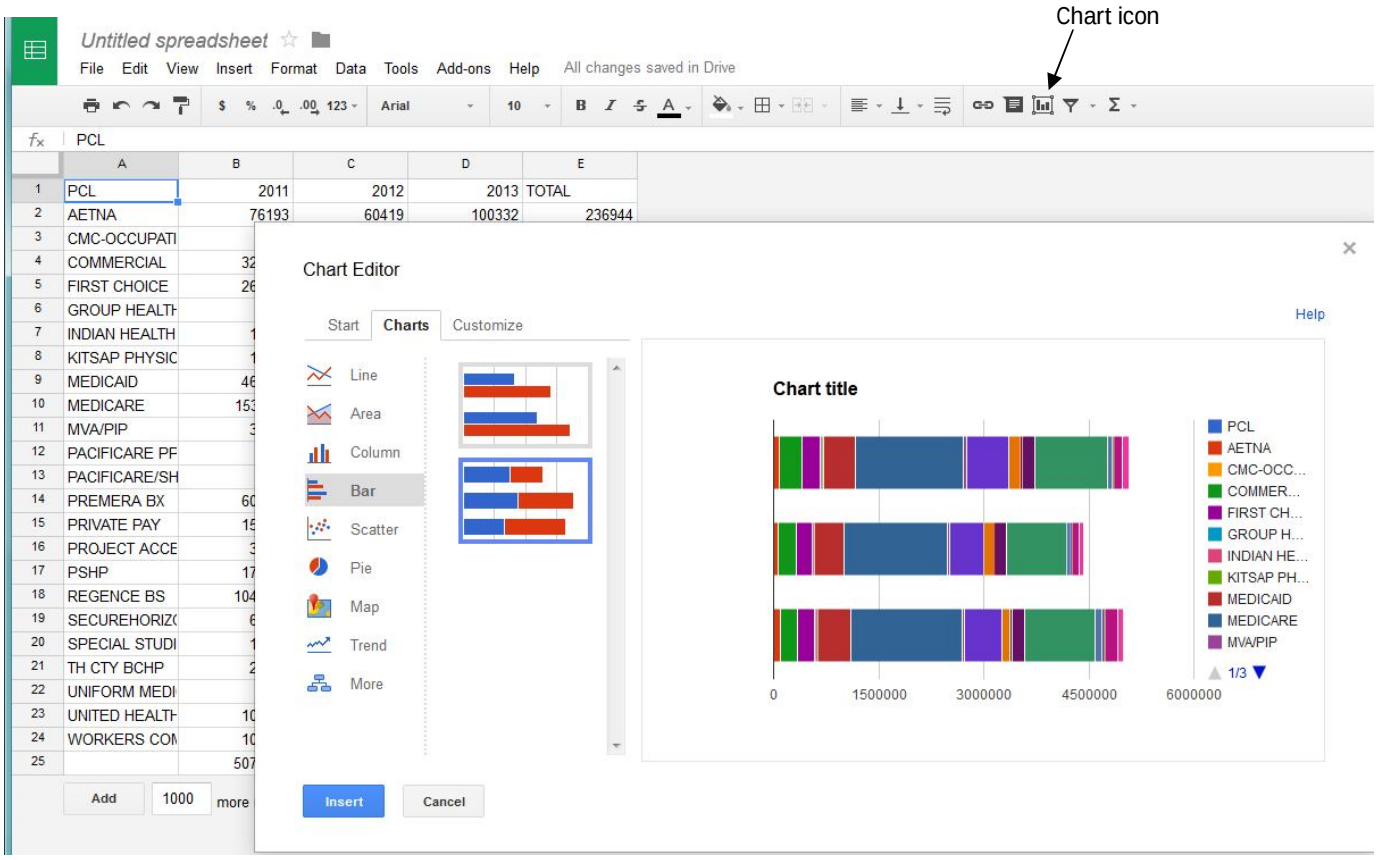
ArcSys Hot Tip

Pivot reports are ways of taking two fields of data from a transaction (code, group, date, year, doctor, pcl), defining one as the column, one as the row, and then having the body of the report be dollars, quantity, or balance. A pivot report sample is setup in the Reports menu of your system.



Wow!

Click on the Insert Charts button (third from the right), change the range of cells to be displayed to be a1:d24, and click on the checkbox that says Use column A as header and Switch rows/columns. Now, this is where things can get *really* interesting. Click on the Charts tab. There are many ways that the data can be displayed and it is left as an exercise for the intuitive student to learn and discover what can be done. The picture below (stacked barcharts) is just one of many possibilities.



After manipulating the spreadsheet by removing columns b,c,d and choosing some of the other spreadsheets available, you can get a "donut". Using the percentage column, sorting by descending amount and getting rid of rows that had 0 values, you can create a "dashboard" display.