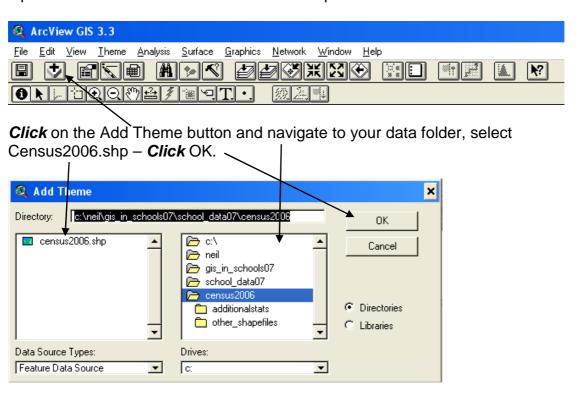
Spatial Technology in Schools (STiS) Data Set

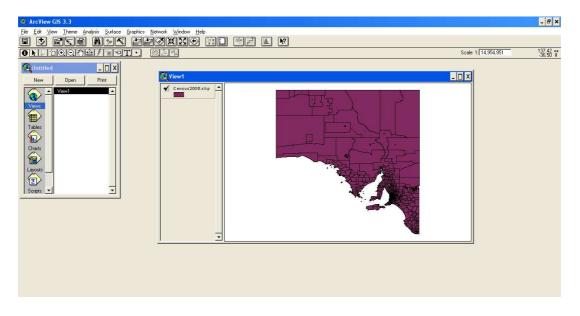
Process for Joining Tables – Note the Census2006.shp is already joined with CD_SA_B01.csv. This provides 108 census variables. The process below is for joining additional csv tables.

ArcView 3.x

Open ArcView and add the Census2006 shapefile.



This will add the Census2006.shp to your map window.





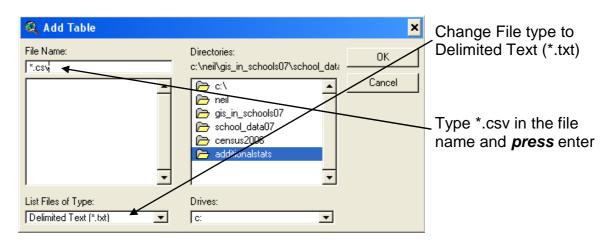




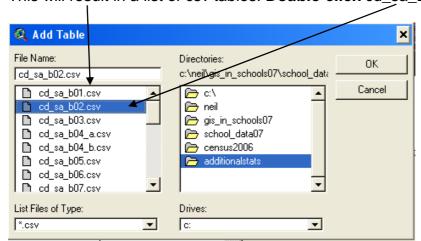


Now open the data table CD_SA_B02.csv.

These are csv files and this is not included in the List Files of Type.









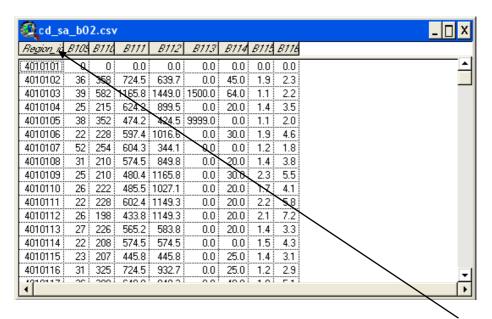
Scripts



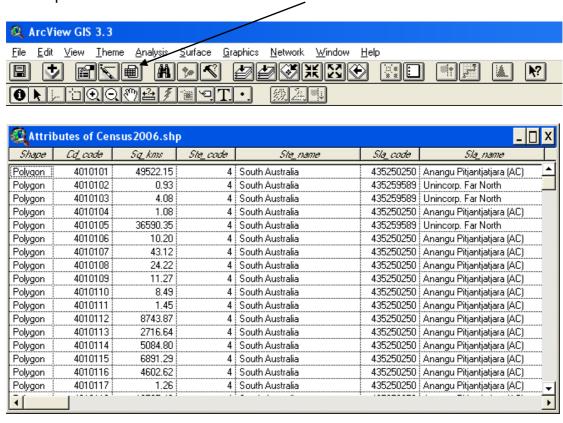




This will open the table.



Take the time to examine the Field names for the join item (Region_id in this case). Now open the Table for Census2006 and identify the join item. Make the map window active and click on the Table Button.



The join item is Cd_code (this field type is common to both tables, even though the field name differs!).









The CD_Code will always be the join item of CD level data (ie., all of the tables in the AdditionalStats folder of the STiS data will join to Census2006 with the CD_CODE.

To understand the fields in the csv table you will need to read the metadata to work out the field names (this is descriptions.xls in the Census2006 folder).

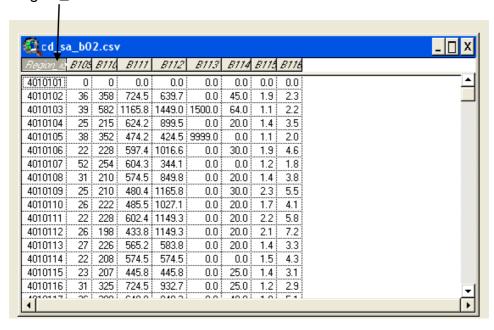
Region_id is the CD_Code – this will be used to join ALL the csv files to the Census2006 shapefile.

For example, the extract from descriptions.xls provides the actual field for B1, Males, B2 – Females and B3 – Persons.

Cell_id	Cell_desc_short	Cell_desc_long	Column_label_desc				
B1	Total_P_M	Total Persons, Males	Males				
B2	Total_P_F	Total Persons, Females	Females				
B3	Total_P_P	Total Persons, Persons	Persons				

You now know that the join item for Census2006 = CD_CODE and the join item for CD_SA_B02.csv = region_id.

The process for joining involves highlighting (click in) the cd_sa_b02.csv Region_id field name.



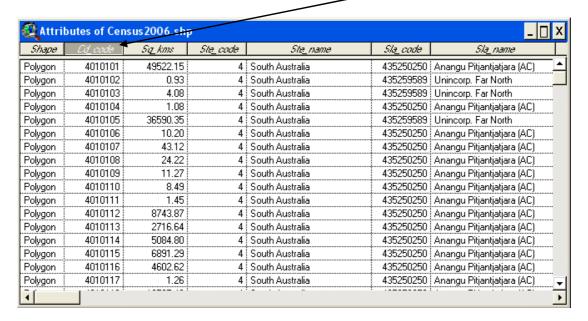




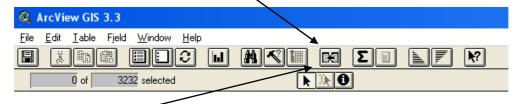




Then highlighting (click in) the Census2006 Cd_code field name.



This will enable the join button.



Click on the Join button and this will join the two tables.

8104	B105	B106	B107	B108	Region_io	B105	B110	B111	B112	B113	B114	B115	B118	1
0	0	0	0	0	4010101	0	0	0.0	0.0	0.0	0.0	0.0	0.0	Ī
79	163	0	0	0	4010102	36	358	724.5	639.7	0.0	45.0	1.9	2.3	
42	92	22	18	40	4010103	39	582	1165.8	1449.0	1500.0	64.0	1.1	2.2	Ì
67	138	0	0	0	4010104	\25	215	624.2	899.5	0.0	20.0	1.4	3.5	
33	91	37	29	66	4010105	₽8	352	474.2	424.5	9999.0	0.0	1.1	2.0)
163	315	0	0	0	4010106	2 02	228	597.4	1016.6	0.0	30.0	1.9	4.6	Ì
48	122	0	0	0	4010107	52	254	604.3	344.1	0.0	0.0	1.2	1.8	Ì
71	155	0	0	0	4010108	31	210	574.5	849.8	0.0	20.0	1.4	3.8	Ì
177	335	0	0	0	4010109	25	\ 210	480.4	1165.8	0.0	30.0	2.3	5.5	Ì
182	329	0	0	0	4010110	26	X 22	485.5	1027.1	0.0	20.0	1.7	4.1	j
158	293	0	0	0	4010111	22	2028	602.4	1149.3	0.0	20.0	2.2	5.8	Ì
61	113	0	0	0	4010112	26	19(8	433.8	1149.3	0.0	20.0	2.1	7.2	Ì
50	115	0	0	0	4010113	27	22 4	565.2	583.8	0.0	20.0	1.4	3.3	Ì
10	19	0	0	0	4010114	22	208	574.5	574.5	0.0	0.0	1.5	4.3	j
59	113	0	0	0	4010115	23	207	445.8	445.8	0.0	25.0	1.4	3.1	ļ
53	138	3	0	3	4010116	31	325	724.5	932.7	0.0	25.0	1.2	2.9	į
38	81	0	0	0	4010117	26	208		949.3	0.0	40.0	1.9	5.1	Ì

Scroll right and you will see the attributes of the joined table.

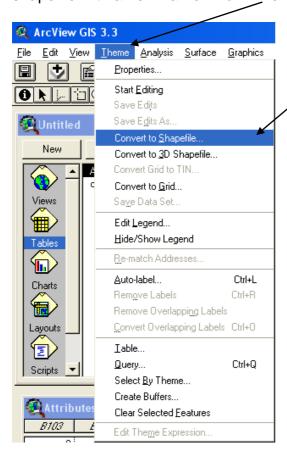






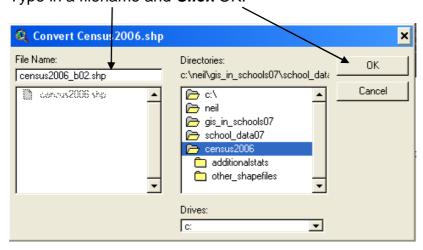


If you want to make the join permanent you can save the Census2006 shapefile with a new name. From Theme menu – **select** Convert to Shapefile.



In the **Convert** Window (make sure you are in the Census2006 folder or the folder you want to store your data) and type a logical name to identify the shapefile (ie., Census2006_B02.shp) – this not only identifies the spatial data (Census2006), but also the attribute data (B02).

Type in a filename and Click OK.











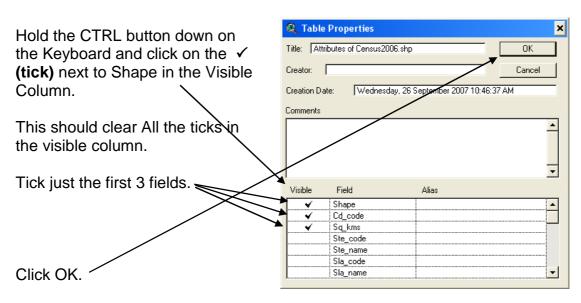
This is the process for joining the Census2006 and all the CD_SA_B0 .csv files.

Census2006.shp is already joined to B01.csv data which results in a large number of columns of data. Should you join other B02, B03..etc tables you will have a very large shapefile which will be difficult to work with. A solution is to create a new CD shapefile with just the CD_CODE (and area) for joining to the B0 .csv tables.

A simple method for this is to Open the Census2006 table – make the table the active window and then select Table – Properties.



This opens the Table Properties Window.



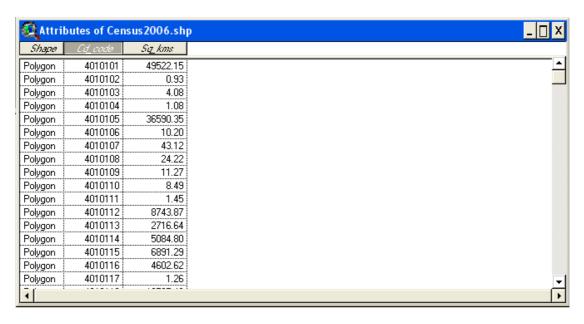








This will remove the other fields from you Tabled window. It should now look like this.



Now save this. Theme – Convert to Shapefile.



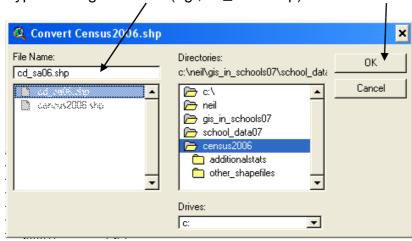




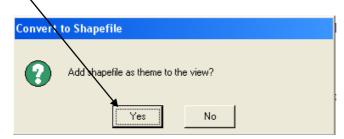




Type in a logical name (eg., cd_sa06.shp) and Click OK.



Yes to Add it to your View.



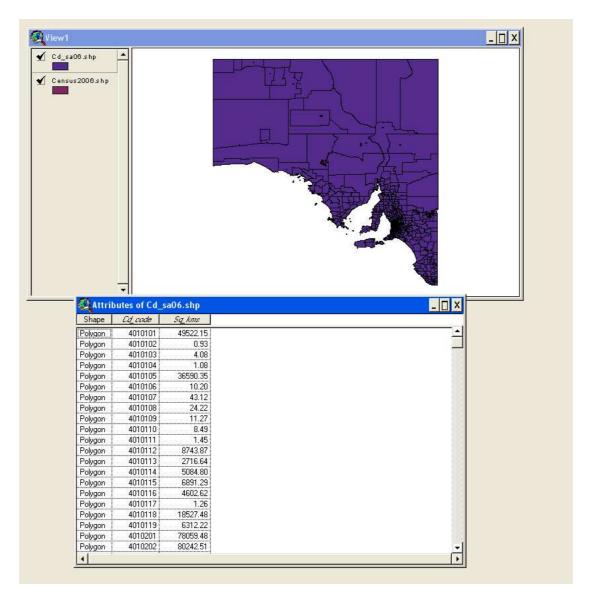








This will add the new shapefile - open the table to check it worked – it should look like this.



You will now have a shapefile for joining to the data csv files without having B01 with every join!









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Data supplied by:















