

Standard ASSIST Query 1

QUESTION: How many of our students are enrolled in a university in Fall 2001 and how many transfer hours do they have?

QUERY

The screenshot shows the ASSIST Query Builder interface. The 'Request' field contains the following fields: Semester, Assist Student Id, Arizona Unitid, Univ, Uv Transfer Hours. The 'Link' field contains: Semester AND Uv Transfer Institution Code AND Uv Undergrad Graduate Code. The 'Uv Enrollment' table is selected, and the 'Uv Undergraduate Transfer Inst' table is also selected. The 'Code Arizona Unitid' table is also visible. The '20015' and 'Your Code' labels are present.

RESULTS

	Semester	Assist Student Id	Counter	Arizona Unitid	Univ	Uv Transfer Hours	Inst Thrs
1	20015	10618233	1	104151	ASU	0	1-11
2	20015	10734199	1	104151	ASU	0	1-11
3	20015	10237609	1	104179	UA	0	1-11
4	20015	10291293	1	104179	UA	0	1-11
5	20015	10739338	1	104179	UA	0	1-11
6	20015	10852003	1	104179	UA	1	1-11
7	20015	10735324	1	105330	NAU	2	1-11

PIVOT

	ASU	NAU	UA	TOTAL
1-11	52 35%	73 38%	109 21%	234 27%
12-23	34 23%	49 26%	74 14%	157 18%
24-31	11 7%	16 8%	43 8%	70 8%
32-47	17 12%	17 9%	75 14%	109 13%
48-63	17 12%	20 10%	85 16%	122 14%
64+	16 11%	16 8%	134 26%	166 19%
TOTAL	147 100%	191 100%	520 100%	858 100%

Side Labels: Inst Thrs
Top Labels: Univ
Facts: Assist Student Id + Counter

Standard ASSIST Query 2

QUESTION: How many of our students are enrolled in a university in Academic Year 2001-2002?

QUERY

The screenshot shows a query builder interface with the following components:

- Request:** Assist Student Id, Academic Year, Semester, Arizona Unitid, Label, Uv Transfer Hours
- Limit:** Semester AND Arizona Unitid AND Uv Undergrad Graduate Code AND Uv Transfer Institution Code AND Academic Year
- Uv Enrollment Table:**
 - Fields: Semester, Academic Year, Arizona Unitid, Assist Student Id, Uv Registration Type Code, Uv New Student Flag, Uv College Code, Uv Degree Code, Uv Major Code, Uv Major Cip Code, Uv Undergrad Graduate Code, Uv Class Level Code, Uv Term Registered Hours, Uv Term Inst Earned Hours, Uv Term Net Hours, Uv Term Gpa, Uv Cumul Inst Earned Hours, Uv Cumul Transfer Hours, Uv Cumul Total Earned Hours, Uv Cumul Net Hours, Uv Cumul Gpa, Created By, Created Date, Update By, Updated Date
- Code Arizona Unitid Table:**
 - Fields: Arizona Unitid, Label, Comm College County Code, Description
- Uv Undergraduate Transfer Inst Table:**
 - Fields: Semester, Academic Year, Arizona Unitid, Assist Student Id, Uv Tran Inst Unique Identifier, Uv Transfer Institution Code, Uv Transfer Inst First Sem, Uv Transfer Inst Last Sem, Uv Transfer Hours, Created By, Created Date, Update By, Updated Date
- Relationships:** Lines with '=' connect the 'Academic Year' field in Uv Enrollment to the 'Academic Year' field in Code Arizona Unitid, and the 'Arizona Unitid' field in Uv Enrollment to the 'Arizona Unitid' field in Uv Undergraduate Transfer Inst.

RESULTS

	Assist Student Id	Academic Year	Semester	Counter	Arizona Unitid	Label	Uv Transfer Hours	Transfer Group
1	10041263	20012002	20015	1	104179	UA	31	12 or More Transfer Hours
2	10059694	20012002	20015	0	104179	UA	44	12 or More Transfer Hours
3	10059694	20012002	20021	0	104179	UA	44	12 or More Transfer Hours
4	10059694	20012002	20022	1	104179	UA	44	12 or More Transfer Hours
5	10059995	20012002	20021	0	104179	UA	11	Less than 12 Transfer Hours
6	10059995	20012002	20023	0	104179	UA	11	Less than 12 Transfer Hours

Computed Column to Identify duplicates

The 'Modify' dialog box shows the configuration for a computed column named 'Counter'. The definition is:

```
if (Next ( Assist_Student_Id ) == Assist_Student_Id ) {0} else {1}
```

The dialog includes a Name field, a Definition text area, and buttons for OK, Cancel, Functions..., Reference..., Options, and Help. A keyboard shortcut palette is visible at the bottom.

TABLE Insert/Table on Menu Bar

Drag all data elements but then double click on Counter column and limit to just the 1's!

Assist Student Id	Counter	Label	Transfer Group	Uv Transfer Hours
10041263	1	UA	12 or More Transfer Hours	31
10059694	1	UA	12 or More Transfer Hours	44
10050005	1	UA	Less than 12 Transfer Hours	11

PIVOT (made from Table not Results!) from Table click Insert/Pivot

	ASU	NAU	UA	Total
12 or More Transfer Hours	111	128	466	705
Less than 12 Transfer Hours	56	83	123	262
TOTAL	167	211	589	967

Side Labels: [Transfer Group](#)

Top Labels: [Label](#)

Facts: [Assist Student Id](#)

Standard ASSIST Query 3

QUESTION: How many of our students completed a baccalaureate degree in Academic Year 2001 – 2002?

QUERY

The screenshot shows the ASSIST Query Builder interface. A callout bubble says "Unique Rows Checked!". The "Request" field contains: Assist Student Id, Arizona Unitid, Uv Transfer Hours, Univ, Uv Major Cip Category. The "Limit" field contains: Uv Transfer Institution Code AND Semester_2 AND Academic Year AND Uv Undergrad Graduate Code. The "Uv Degree" table is selected with fields: Semester, Academic Year, Arizona Unitid, Assist Student Id, Uv Last Sem In Degree Program, Uv Undergrad Graduate Code, Uv College Code, Uv Degree Code, Uv Major Code, Uv Major Cip Code, Uv Cumul Total Earned Hours, Uv Cumul Gpa. The "Uv Undergraduate Transfer Inst" table is selected with fields: Semester, Academic Year, Arizona Unitid, Assist Student Id, Uv Transfr Institution Counter, Uv Azcc Institution Counter, Uv Transfer Institution Code, Uv Attendance Start Date, Uv Attendance End Date, Uv Transfer Hours, Uv Agec Type Code, Uv Agec Year Awarded, Uv Associate Degree Type Code, Uv Associate Degree Year Award. The "Code Uv Major Cip" table is selected with fields: Uv Major Cip Code, Uv Major Cip Category, Uv Major Cip Subcategory, Uv Major Cip Program. Joins are indicated by "=" and "++" symbols.

RESULTS

	Assist Student Id	Academic Year	Semester	Counter	Arizona Unitid	Label	Uv Transfer Hours	Transfer Group
1	10041263	20012002	20015	1	104179	UA	31	12 or More Transfer Hours
2	10059694	20012002	20015	0	104179	UA	44	12 or More Transfer Hours
3	10059694	20012002	20021	0	104179	UA	44	12 or More Transfer Hours
4	10059694	20012002	20022	1	104179	UA	44	12 or More Transfer Hours
5	10059995	20012002	20021	0	104179	UA	11	Less than 12 Transfer Hours
6	10059995	20012002	20023	0	104179	UA	11	Less than 12 Transfer Hours
7	10059995	20012002	20022	1	104179	UA	11	Less than 12 Transfer Hours

Computed Column to Identify duplicates

The "Modify" dialog box shows the field name "Counter". The definition is: `if (Next (Assist_Student_Id) == Assist_Student_Id) {0} else {1}`. The dialog includes buttons for OK, Cancel, Functions..., Reference..., Options, and Help, along with a mathematical keypad.

TABLE Insert/Table on Menu Bar

Drag all data elements but then double click on Counter column and limit to just the 1's!

Assist Student Id , *Counts*, Arizona Unitid , Uv Transfer Hours , Univ , Uv Major Cip Category

	Assist Student Id	Counter	Arizona Unitid	Uv Transfer Hours	Univ	Uv Major Cip Category
1	10116843	1	104179	18	UA	Health Professions and Related Scien
2	10124781	1	104151	3	ASU	Public Administration and Services
3	10152242	0	104179	12	UA	Business Management and Administr
4	10152242	1	104179	15	UA	Business Management and Administr
5	10168974	1	105330	17	NAU	Liberal Arts and Sciences, General Stu
6	10199024	1	105330	15	NAU	Education
7	10226871	1	104151	21	ASU	Business Management and Administr
8	10267375	1	104179	72	UA	Communications

PIVOT

	ASU	NAU	UA	TOTAL
Agricultural Business and Production	1		1	2
Agricultural Sciences			2	2
Architecture and Related Programs	1		1	2
Biological Sciences/Life Sciences		2	8	10
Business Management and Administrative Services	8	9	10	27

Side Labels: *Uv Major Cip Category*

Top Labels: *Univ*

Facts: *Assist Student Id*