

# Obtaining HUB Student Data - *Fact Sheet*

This rollout provides the campus with new Student Records (SR) related InfoSource tables and SIRI reports sourced from the UB HUB. This sheet presents a quick survey of InfoSource student information resources available as of Summer 2011. It is not meant to be an exhaustive treatment of the subject, but instead should be viewed as a simple presentation of how HUB student data make their way to InfoSource, what data eventually become available for reporting, and where to go to get your questions answered. In particular, page 1 presents a general overview of available resources and page 2 will present a list of specific items you may find useful within the enrollment reporting arena.

## GENERAL OVERVIEW

### How HUB Student Data Make Their Way To InfoSource

This rollout provides the campus with new Student Records (SR) related InfoSource tables and SIRI reports sourced from the UB HUB. The HUB implementation is comprised of over 15,000 Oracle tables, each with a specific mission. Due to the interconnected and complex nature of these tables, it is extremely difficult to use them “out of the box” to create detailed measures of student enrollment. Moreover, the campus lacks the necessary resources to combine these HUB tables to create new InfoSource views similar to equivalent legacy views from SIS. To overcome these limitations, the campus purchased a pre-built data warehouse solution (iStrategy) to extract data from selected HUB tables to create views most likely to be used by a large university. These views are then sent to InfoSource where users can access them directly using desktop tools such as MicroSoft Access or Crystal Reports. Additional processing occurs once the data reside in InfoSource to make them available for SIRI reporting. Moreover, while the extraction is scheduled to occur nightly, the process is extremely complex and may require a few days to fully complete the move from HUB to InfoSource and finally to SIRI.

### What's Available?

Standardized reports and metadata based on InfoSource-based HUB student data are available through the temporary *HUB Data Access Website*. The site is currently hosted by the UB Academic Planning and Budget office, and will eventually be moved to a more permanent location. The site's current address is <http://apb.buffalo.edu/UBSIS/index.php>. A selection of items available through this link are as follows:

SIRI Student Reports:	Student reports generated by the Strategic Information and Reporting System. Reports are available at: <a href="https://siri.buffalo.edu/analytics/">https://siri.buffalo.edu/analytics/</a>
SIRI Access Instructions:	Instructions on how to run SIRI student reports.
Functional Design Documents	Metadata for SIRI and query-based reports.
Validated Field Listing	Legacy to HUB enrollment table and field mappings. HUB module owners for each table are also identified. Fields which have already been validated by our Functional staff have been highlighted in green, with additional fields to be identified as we move forward. This mapping does not currently include LOK table views.
InfoSource On-Line	List of all InfoSource HUB views.
Distributed Data Access Rep's	List of unit-based knowledge experts who can help answer user questions.
Academic Structure Primer	How to “decode” HUB taxonomy for selected dimensions.
Town Hall Archive	On-line archive of Data Access presentations to add to your understanding.
Customer Support Model	Process to follow for questions and/or suggestions for improvement.

### Where to Get Help

If you have questions, your first stop is the DDA identified in the Customer Support Model that has been associated with your unit. If the DDA cannot answer your question, he or she will forward to the HUB DA Listserv. This Listserv is monitored by a larger community of functional and technical personnel from across campus. Your request will be triaged and a response will be generated as resources become available. Responses will be stored on the Listserv so as to facilitate the enhancement of student reporting information and structure moving forward. Users who are not affiliated with a DDA may submit questions directly to the larger community at [hub-da-help-list@listserve.buffalo.edu](mailto:hub-da-help-list@listserve.buffalo.edu).

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## SPECIFIC ITEMS RELATED TO THE SR ROLLOUT

**General Comment:** *Data for terms prior to Fall 2009 are currently unavailable in both the SIRI reports and InfoSource SR tables. As we move forward, gain experience with the system and complete conversion operations, we will provide data for terms prior to this time.*

SIRI Student Reports	Class Capacity Class Listing Degree Report Single Major Report Graded Student Classlists  Student Classlists  Student Registration History  Student Schedule SIRI Reports: SIRI Instructions:	Class enrollment with reserve seating and requirement group info. Class enrollment with meeting pattern and final exam info. Student award by term. Student list for a given career/program/plan combination. Term/academic organization/career and class number. Drill down to Student/grade detail. Term/academic organization/career and class number. Drill down to student/plan/credit hours/email. All coursework over all terms for a given student. Post summer 2009 data only. Student schedule for a given term. <a href="https://siri.buffalo.edu/analytics/">https://siri.buffalo.edu/analytics/</a> <a href="http://apb.buffalo.edu/UBSIS/StudentSIRIUserGuide.pdf">http://apb.buffalo.edu/UBSIS/StudentSIRIUserGuide.pdf</a>
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## InfoSource SR Tables

PS_RPT.BIODEMODATALOOKUP_V	Student gender, ethnicity, citizenship and address.
PS_RPT.CLASSINSTRUCTION_V	Class section information.
PS_RPT.CLASSSCHEDULE_V	Primary class section table (approximates legacy CRS.ACTIVE).
PS_RPT.COURSEATTRIBUTES_V	List of course attributes like "Permission of instructor" and related course information.
PS_RPT.COURSETRANSFORM_V	Course Catalog information.
PS_RPT.DEGREEAWARDS_V	Primary award table (approximates legacy TPT.UB_DEGREE).
PS_RPT.LATESTVISASTATUS_V	Most recent student visa information.
PS_RPT.LOK_ACAD_GROUP_V	Academic Group lookup (approximates legacy decanal unit).
PS_RPT.LOK_ACAD_ORG_V	Academic Organization lookup (approximates legacy department offering a course).
PS_RPT.LOK_ACAD_PLAN_V	Academic Plan lookup for student major (approximates degree entity abbreviation + degree code).
PS_RPT.LOK_ACAD_PROG_V	Academic Program lookup (approximates legacy decanal unit + degree level).
PS_RPT.LOK_ACAD_SUBJECT_V	Academic Subject lookup (legacy entity abbreviation associated with a course).
PS_RPT.LOK_DEGREE_V	Degree code lookup.
PS_RPT.LOK_ORG_LOCATION_V	Campus Academic Organization location lookup.
PS_RPT.LOK_PLAN_ENTITY_V	Academic plan/subplan to legacy entity number lookup.
PS_RPT.LOK_TERM_V	Term lookup.
PS_RPT.PERSON_NAME	Person name redefinitions.
PS_RPT.PS_CLASS_NOTES_V	Class notes information.
PS_RPT.REGISTRATION_V	Primary student class enrollment information (approximates legacy STU.REGISTRATION).
PS_RPT.PS_SERVICEINDICATORS_V	Service indicator information (formerly known as "checkstops").
PS_RPT.STUDENTGROUPS_V	Student group information (identifies student associated with groups such as Athletics and EOP).
PS_RPT.STUDENTPLAN_V	Student plan detail information.
PS_RPT.STUDENTTERM_V	Primary enrollment table (approximates legacy STU.SEMESTER).
PS_RPT.VIEWHELPERADDRESSLOOKUP_V	Supplemental student address information.
PS_RPT.PS_EMERGENCY_CNTCT_V	Emergency contact information.
PS_RPT.LOK_PEOPLE_RELATION_V	Descriptive codes to define relationships to students
PS_RPT.LOK_RELATIONSHIP_V	Descriptive codes to define relationships to students (similar to PS_RPT_LOK_PEOPLE_RELATION_V)
PS_RPT.COURSE_CATALOG_V	Comprehensive Course Catalog information
PS_RPT.CLASSEXAMSCHEDULE_V	Contains Final Exam Schedule information
PS_RPT.CLASS_CAPACITY_V	Contains enrollment information by class section (includes Reserve Capacity enrollment totals)
PS_RPT.CLASS_NOTES_TBL_V	[duplicate – see above]

Note that depending upon access and/or security restrictions some individuals may not have access to all of the above listed tables.

Table/Field list with legacy equivalents:

<http://apb.buffalo.edu/UBSIS/InfoSourceHUBTables.xls>