

Student Reporting Need

Provide the ability to produce reports on students who have not paid the remaining balance of term charges and any previous balance from the Accounts Receivable less all potential credits. The remaining outstanding amount is their unpaid balance. This identifies the population of students for whom enrollment should be retained or canceled.

This view returns one record per student per term enrolled.

View: Budget and Actual (NS_AS_ACCOUNT_BALANCE)
Sql source code: nsv_asaccount_balance.sql

Below is a list of the main database tables accessed by this view:

- SFBETRM Student Registration Table
- SGBSTDN Student Base Table
- SPBPERS Basic Person Base Table
- SPRADDR Address Repeating Table
- SPRHOLD Person Related Holds Repeating Table
- SPRIDEN Person Identification/Name Repeating Table
- SPRTELE Telephone Table
- TBRACCD Account Charge/Payment Detail Table
- TBRMEMO Charge/Payment Detail Memo Table

Key attributes:

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

The key attributes of this view are:

- Student Personal ID Master PIDM_KEY or ID
- Term Code TERM_CODE_KEY

Since the PIDM is an internal ID number unique to each student, the view returns one row of information per student per term.

Mandatory Conditions:

The following conditions must be supplied

- Term Code TERM_CODE_KEY

You could report student balance on all enrolled terms for specific student IDs. For this purpose, you would supply the IDs and left term code unspecified.

Attributes:

| Attribute | Source Form | Source Field or Function Name | Description |
|----------------|-------------|--|--|
| PIDM_KEY | N/A | SFBETRM_PIDM | Student Personal ID Master Key |
| TERM_CODE_KEY | SFAREGS | SFBETRM_TERM_CODE | Term Code Key (for term enrolled) |
| TERM_DESC | SFAREGS | STVTERM_DESC | Term Description |
| REPORTING_DATE | GTVSDAX | GTVSDAX_REPORTING_DATE OR System Date | AR report date Default to today's date for all balance calculation if not set up in GTVSDAX under REP_DATE/ AR CTA DATE. All AR transactions with effective date <= AR report date will be included. |
| ENROLLED_IND | Function | F_ENROLLED_THIS_TERM | Enrolled Indicator |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|------------------------|-------------|-------------------------------|--|
| REGISTERED_IND | Function | F_REGISTERED_THIS_TERM | Registered Indicator |
| APPLIED_FOR_DEGREE_IND | Function | F_APPLIED_FOR_DEGREE | Applied for Degree Indicator |
| ID | TSASPAY | SPRIDEN_ID | Student ID |
| SSN | SPAIDEN | SPBPERS_SSN | Student Social Security Number |
| LAST_NAME | SPAIDEN | SPRIDEN_LAST_NAME | Student Last Name |
| FIRST_NAME | SPAIDEN | SPRIDEN_FIRST_NAME | Student First Name |
| MIDDLE_NAME | SPAIDEN | SPRIDEN_MI | Student Middle Name |
| MIDDLE_INITIAL | SPAIDEN | SUBSTR(SPRIDEN_MI, 1,1) | Student Middle Initial Returns only first letter of middle name |
| NAME_PREFIX | SPAPERS | SPBPERS_NAME_PREFIX | Student Name Prefix |
| NAME_SUFFIX | SPAPERS | SPBPERS_NAME_SUFFIX | Student Name Suffix |

Address & Telephone Information

Select two Addresses and related information using the hierarchy defined for the Address Type (A/R) concept on the GTVSDAX form. To see more information about this concept, refer to the manual Implementing GTVSDAX With SCT Banner Object: Access. You can also go to the GTVSDAX form in SCT Banner and query on the Internal Code = ARADDR and Internal Group = ADDRESS.

Note: Be sure that you refer to the correct Address Type concept since there is more than one

| | | | |
|---------------|---------|----------------------|---------------------------|
| STREET1_LINE1 | SPAIDEN | SPRADDR_STREET_LINE1 | Street Address 1 1st Line |
|---------------|---------|----------------------|---------------------------|

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| | | | |
|--|---------|----------------------|---------------------------|
| STREET1_LINE2 | SPAIDEN | SPRADDR_STREET_LINE2 | Street Address 1 2ndLine |
| STREET1_LINE3 | SPAIDEN | SPRADDR_STREET_LINE3 | Street Address 1 3rd Line |
| CITY1 | SPAIDEN | SPRADDR_CITY | City 1 |
| STATE1 | SPAIDEN | SPRADDR_STAT_CODE | State 1 |
| ZIP1 | SPAIDEN | SPRADDR_ZIP | Zip Code 1 |
| CNTY_CODE1 | SPAIDEN | SPRADDR_CNTY_CODE | County Code 1 |
| CNTY_DESC1 | SPAIDEN | STVCNTY_DESC | County 1 Description |
| NATN_CODE1 | SPAIDEN | SPRADDR_NATN_CODE | Nation Code 1 |
| NATN_DESC1 | SPAIDEN | STVNATN_NATION | Nation 1 Description |
| ADDRESS_TYPE1_CODE | SPAIDEN | SPRADDR_ATYP_CODE | Address Type 1 |
| Note: If the telephone number is unlisted (SPRTELE_UNLIST_IND= 'Y'), asterisks (**) are returned in place of the actual telephone numbers. | | | |
| TELEPHONE1_AREA | SPAIDEN | SPRTELE_PHONE_AREA | Phone Area Code 1 |
| TELEPHONE1_NUMBER | SPAIDEN | SPRTELE_PHONE_NUMBER | Phone Number 1 |
| TELEPHONE1_CODE | SPAIDEN | SPRTELE_TELE_CODE | Phone Type 1 |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|--------------------|-------------|-------------------------------|---------------------------|
| STREET2_LINE1 | SPAIDEN | SPRADDR_STREET_LINE1 | Street Address 2 1st Line |
| STREET2_LINE2 | SPAIDEN | SPRADDR_STREET_LINE2 | Street Address 2 2ndLine |
| STREET2_LINE3 | SPAIDEN | SPRADDR_STREET_LINE3 | Street Address 2 3rd Line |
| CITY2 | SPAIDEN | SPRADDR_CITY | City 2 |
| STATE2 | SPAIDEN | SPRADDR_STAT_CODE | State 2 |
| CNTY_CODE2 | SPAIDEN | SPRADDR_CNTY_CODE | County Code 2 |
| CNTY_DESC2 | SPAIDEN | STVCNTY_DESC | County 2 Description |
| ZIP2 | SPAIDEN | SPRADDR_ZIP | Zip Code 2 |
| NATN_CODE2 | SPAIDEN | SPRADDR_NATN_CODE | Nation Code 2 |
| NATN_DESC2 | SPAIDEN | STVNATN_NATION | Nation 2 Description |
| ADDRESS_TYPE2_CODE | SPAIDEN | SPRADDR_ATYP_CODE | Address Type 2 |
| TELEPHONE2_AREA | SPAIDEN | SPRTELE_PHONE_AREA | Phone Area Code 2 |
| TELEPHONE2_NUMBER | SPAIDEN | SPRTELE_PHONE_NUMBER | Phone Number 2 |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|------------------------------------|-----------------|-------------------------------|----------------------|
| TELEPHONE2_CODE | SPAIDEN | SPRTELE_TELE_CODE | Phone Type 2 |
| General Student Information | | | |
| PRIMARY_COLLEGE_CODE | SGASTDN | SGBSTDN_COLL_CODE_1 | Primary College Code |
| PRIMARY_COLLEGE_DESC | SGASTDN | STVCOLL_DESC | College Description |
| CAMPUS_CODE | SGASTDN | SGBSTDN_CAMP_CODE | Campus Code |
| CAMPUS_DESC | SGASTDN | STVCAMP_DESC | Campus Description |
| LEVL_CODE | SGASTDN | SGBSTDN_LEVL_CODE | Level Code |
| LEVL_DESC | SGASTDN | STVLEVL_DESC | Level Description |
| CLASS_CODE | Function | F_CLASS_CALC_FNC | Class Code |
| CLASS_DESC | SGACLSR/SGASTDN | STVCLAS_DESC | Class Description |
| RATE_CODE | SGASTDN | SGBSTDN_RATE_CODE | Rate Code |
| RATE_DESC | SGASTDN | STVRATE_DESC | Rate Description |
| DEGC_CODE | SGASTDN | SGBSTDN_DEGC_CODE_1 | Degree Code |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|-----------|--------------------|-------------------------------|----------------------------|
| DEGC_DESC | SGASTDN | STVDEGR_DESC | Degree Description |
| MAJR_CODE | SGASTDN | SGBSTDN_MAJR_CODE_1 | Major Code |
| MAJR_DESC | SGASTDN | STVMAJR_DESC | Major Description |
| STYP_CODE | SGASTDN | SGBSTDN_STYP_CODE | Student Type |
| STYP_DESC | SGASTDN | STVSTYP_DESC | Student Type Description |
| STST_CODE | SGASTDN | SGBSTDN_STST_CODE | Student Status |
| STST_DESC | SGASTDN STVSTST | STVSTST_DESC | Student Status Description |
| DELI_CODE | Function | f_deli_code | Delinquent Code |

Hold Information

Select five Holds and related information using the Reporting Date field for the Holds (A/R) concept on the GTVSDAX form. The Reporting Date defaults to today's date unless you change it on GTVSDAX. To see more information about this concept, refer to the manual Implementing GTVSDAX With SCT Banner Object: Access. You can also go to the GTVSDAX form in SCT Banner and query on the Internal Code = ARHOLD and Internal Group = HOLDS.

Note: Be sure that you refer to the correct Holds concept since there is more than one.

| | | | |
|-----------------|---------|-------------------|----------------------|
| HOLD_CODE1 | SOAHOLD | SPRHOLD_HLDD_CODE | Hold Code 1 |
| HOLD_DESC1 | SOAHOLD | STVHLDD_DESC | Hold 1 Description |
| HOLD_FROM_DATE1 | SOAHOLD | SPRHOLD_FROM_DATE | Start Date of Hold 1 |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|-------------------|-------------|-------------------------------|----------------------|
| HOLD_TO_DATE1 | SOAHOLD | SPRHOLD_TO_DATE | End Date of Hold 1 |
| HOLD_AMOUNT_OWED1 | SOAHOLD | SPRHOLD_AMOUNT_OWED | Hold Amount Owed 1 |
| HOLD_REASON1 | SOAHOLD | SPRHOLD_REASON | Reason for Hold 1 |
| HOLD_CODE2 | SOAHOLD | SPRHOLD_HLDD_CODE | Hold Code 2 |
| HOLD_DESC2 | SOAHOLD | STVHLDD_DESC | Hold 2 Description |
| HOLD_FROM_DATE2 | SOAHOLD | SPRHOLD_FROM_DATE | Start Date of Hold 2 |
| HOLD_TO_DATE2 | SOAHOLD | SPRHOLD_TO_DATE | End Date of Hold 2 |
| HOLD_AMOUNT_OWED2 | SOAHOLD | SPRHOLD_AMOUNT_OWED | Hold Amount Owed 2 |
| HOLD_REASON2 | SOAHOLD | SPRHOLD_REASON | Reason for Hold 2 |
| HOLD_CODE3 | SOAHOLD | SPRHOLD_HLDD_CODE | Hold Code 3 |
| HOLD_DESC3 | SOAHOLD | STVHLDD_DESC | Hold 3 Description |
| HOLD_FROM_DATE3 | SOAHOLD | SPRHOLD_FROM_DATE | Start Date of Hold 3 |
| HOLD_TO_DATE3 | SOAHOLD | SPRHOLD_TO_DATE | End Date of Hold 3 |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|-------------------|-------------|-------------------------------|----------------------|
| HOLD_AMOUNT_OWED3 | SOAHOLD | SPRHOLD_AMOUNT_OWED | Hold Amount Owed 3 |
| HOLD_REASON3 | SOAHOLD | SPRHOLD_REASON | Reason for Hold 3 |
| HOLD_CODE4 | SOAHOLD | SPRHOLD_HLDD_CODE | Hold Code 4 |
| HOLD_DESC4 | SOAHOLD | STVHLDD_DESC | Hold 4 Description |
| HOLD_FROM_DATE4 | SOAHOLD | SPRHOLD_FROM_DATE | Start Date of Hold 4 |
| HOLD_TO_DATE4 | SOAHOLD | SPRHOLD_TO_DATE | End Date of Hold 4 |
| HOLD_AMOUNT_OWED4 | SOAHOLD | SPRHOLD_AMOUNT_OWED | Hold Amount Owed 4 |
| HOLD_REASON4 | SOAHOLD | SPRHOLD_REASON | Reason for Hold 4 |
| HOLD_CODE5 | SOAHOLD | SPRHOLD_HLDD_CODE | Hold Code 5 |
| HOLD_DESC5 | SOAHOLD | STVHLDD_DESC | Hold 5 Description |
| HOLD_FROM_DATE5 | SOAHOLD | SPRHOLD_FROM_DATE | Start Date of Hold 5 |
| HOLD_TO_DATE5 | SOAHOLD | SPRHOLD_TO_DATE | End Date of Hold 5 |
| HOLD_AMOUNT_OWED5 | SOAHOLD | SPRHOLD_AMOUNT_OWED | Hold Amount Owed 5 |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|--------------------------|-------------|-------------------------------|--|
| HOLD_REASON5 | SOAHOLD | SPRHOLD_REASON | Reason for Hold 5 |
| ADDITIONAL_HOLDS_IND | Function | F_STUDENT_CHECK_FOR_MORE | Additional Holds Flag If >5 Holds, put a 'Y' in this field. |
| Monetary Information | | | |
| TERM_CHARGES | Function | F_TERM_CHARGES | Term Charges Calculate using the formula: SUM(TBRACCD_AMOUNT) where TYPE_IND = 'C', TBRACCD_EFFECTIVE_DATE <= Reporting Date, and TERM_CODE = supplied term. |
| TERM_PAYMENTS | Function | F_TERM_PAYMENTS | Term Payments Calculate using the formula: SUM(TBRACCD_AMOUNT) where TYPE_IND = 'P', TBRACCD_EFFECTIVE_DATE <= Reporting Date, and TERM_CODE = supplied term. |
| TERM_AUTHORIZED_PAYMENTS | Function | F_AUTHORIZED_PAYMENTS | Term Authorized Payment Calculate as SUM(RPRAUTH_AMOUNT) where TERM_CODE = supplied term. |
| TERM_FIN_AID_MEMOS | Function | F_NS_MEMO_BALANCE | Term Financial Aid Memos Calculate as SUM(TBRMEMO_AMOUNT) where SRCE_CODE = 'F' and TERM_CODE = supplied term. |
| TERM_CONTRACT_MEMOS | Function | F_NS_MEMO_BALANCE | Term Contract Memos Calculate as SUM(TBRMEMO_AMOUNT) where SRCE_CODE = 'C' and TERM_CODE = supplied term. |

Student Account Balance by Term (NS_AS_ACCOUNT_BALANCE)

| Attribute | Source Form | Source Field or Function Name | Description |
|------------------------|-------------|-------------------------------|--|
| TERM_ALL_MEMOS | Function | F_NS_MEMO_BALANCE | Term All Memos Calculate as SUM(TBRMEMO_AMOUNT) where TERM_CODE = supplied term. |
| TOTAL_AMOUNT_OWED | Function | F_AMOUNT_OWED | Current Total Balance for all terms. Calculate as SUM(TBRACCD_BALANCE) |
| PREV_BALANCE | Function | F_NS_PREV_BALANCE | Previous Balance Calculate as (Charges - Payments – Authorized Payments – All Memos) For all previous terms |
| TERM_BALANCE_NO_FINAID | Function | F_NS_CHARGE_PAYMENT | Term Balance without Financial Aid Calculate as (Charges – Payments) For all previous and supplied terms |
| TERM_BALANCE | Calculation | | Term Balance Calculate as (Prev_Balance + Term_Charges - Term_Payments - Term_Authorized_Payments - Term_All_Memos) |