Campus Community
Batch Processing of Citizenship and Visa Permit Data

Overview

To facilitate more accurate coding and relieve some data entry volume, IU added to the nightly schedule an automated batch process to check citizenship status and visa/permit data information for applicants, students and employees. This process started running in February, 2004. For any records that fall outside the parameters described below, a row is written to an audit report, which is sent daily to various administrative offices (admissions, international services, and human resources) for review and cleanup. This SQR has four parts.

Steps

Batch Processing of Citizenship and Visa Permit Data

1. Single Citizenship Row:
   A. If there is only one Citizenship country row, with status = blank, the status will be changed to Native (if no Visa Permit Data rows exist). Otherwise one or more of the following steps occur.

2. Visa Permit Data (VPD) Validation:
   A. Non-USA rows in the VPD table will be deleted and written to an error file.
   B. There should be no more than two current rows in the VPD table; I-9, and one other.
   C. Dump to a report for manual review and correction.

3. USA Citizenship Status mapping:
   A. If a USA/blank row exists in CITIZENSHIP, change the status to agree with mapping below.
   B. If a non-USA/blank row exists in CITIZENSHIP, and there is data in VPD (excluding I-9 and AA) then add a USA row to CITIZENSHIP and map the status using the values below.
      I. If the only VISA_PMT_DATA row is USA/AA(Alien Abroad), there should be no USA row in the CITIZENSHIP table.
      II. Dump to an error report for review
      III. CIT Mapping:
          a. USA/(1) Native if no row exists in VPD, or only existing row is I-9.
          b. USA/(2) Naturalized if VPD non-I-9 row is NLR
          c. USA/(3) Alien Permanent if VPD non-I-9 row is:
             i. ASY – Asylee/Political Asylum
             ii. LPR – Permanent Resident
             iii. PIP – Public Interest Parolee
             iv. REF – Refugee
IV. USA/(4) Alien Temporary if any remaining non-I-9, non-AA value.

V. Error – more than one CIT row, no VPD rows

4. For non-USA Citizenship Status coding

   A. If one non-USA row, and blank citizenship status:
      I. Change from blank to (1) Native
      II. More than one non-USA row, and one or more have blank citizenship status:
          a. Dump to an error report for review