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<!ELEMENT SAP_TRANS (VERSION,DTG,DISTRICT,SCHOOL,PERIOD,TR_CUME)>
<!ELEMENT VERSION (#PCDATA)>
<!ELEMENT DTG (#PCDATA)>
<!ELEMENT DISTRICT (#PCDATA)>
<!ELEMENT SCHOOL (#PCDATA)>
<!ELEMENT PERIOD (#PCDATA)>

<!ELEMENT TR_CUME (T_VERSION, TRACK_ID, UPDATE?, STUDENT+)>
<!ELEMENT T_VERSION (#PCDATA)>
<!ELEMENT TRACK_ID (#PCDATA)>
<!ELEMENT UPDATE (#PCDATA)>
<!ELEMENT STUDENT (MSISID, FNAME, MNAME?, LNAME, SSN?, CBCFILENO, CBCVER, RACE,
GENDER,
    BCITY, BCOUNTY?, BSTATE, DOB, FFNAME?, FLNAME?, MFNAME?, MLNAME?, GFNAME?,
    GLNAME?,
    PERMADDR+, ICCCERTDATE, ICCVERIFY, (MEDINFO?)+, ENTRANCE+, (WITHDRAWAL?)+,
    (RECORDSENT?)+, SCHOOLYEAR+, (SUMMERSCH?)+, (TEST?)+, FACT?)>
<!ELEMENT MSISID (#PCDATA)>
<!ELEMENT FNAME (#PCDATA)>
<!ELEMENT MNAME (#PCDATA)>
<!ELEMENT LNAME (#PCDATA)>
<!ELEMENT SSN (#PCDATA)>
<!ELEMENT CBCFILENO (#PCDATA)>
<!ELEMENT CBCVER (#PCDATA)>
<!ELEMENT RACE (#PCDATA)>
<!ELEMENT GENDER (#PCDATA)>
<!ELEMENT BCITY (#PCDATA)>
<!ELEMENT BCOUNTY (#PCDATA)>
<!ELEMENT BSTATE (#PCDATA)>
<!ELEMENT DOB (#PCDATA)>
<!ELEMENT FFNAME (#PCDATA)>
<!ELEMENT FLNAME (#PCDATA)>
<!ELEMENT MFNAME (#PCDATA)>
<!ELEMENT MLNAME (#PCDATA)>
<!ELEMENT GFNAME (#PCDATA)>
<!ELEMENT GLNAME (#PCDATA)>
<!ELEMENT PERMADDR (ADDR1, ADDR2?, CITY, STATE, ZIP, ZIP4?, PHONE?) >
<!ELEMENT ADDR1 (#PCDATA)>
<!ELEMENT ADDR2 (#PCDATA)>
<!ELEMENT CITY (#PCDATA)>
<!ELEMENT STATE (#PCDATA)>
<!ELEMENT ZIP (#PCDATA)>
<!ELEMENT ZIP4 (#PCDATA)>
<!ELEMENT PHONE (#PCDATA)>
<!ELEMENT ICCCERTDATE (#PCDATA)>
<!ELEMENT ICCVERIFY (#PCDATA)>
<!ELEMENT MEDINFO (CONDITION, YEAR)>
<!ELEMENT CONDITION (#PCDATA)>
<!ELEMENT YEAR (#PCDATA)>
<!ELEMENT ENTRANCE (E_DATE, E_GRADE, E_SCHOOL?)>
<!ELEMENT E_DATE (#PCDATA)>
<!ELEMENT E_GRADE (#PCDATA)>
<!ELEMENT E_SCHOOL (ES_NAME, ES_ADDR?)>
<!ELEMENT ES_NAME (#PCDATA)>
<!ELEMENT ES_ADDR (#PCDATA)>
<!ELEMENT WITHDRAWAL (W_DATE, W_GRADE, CODE)>
<!ELEMENT W_DATE (#PCDATA)>
<!ELEMENT W_GRADE (#PCDATA)>
<!ELEMENT CODE (#PCDATA)>
<!ELEMENT RECORDSENT (R_DATE, R_NAME, R_ADDR?)>

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<!ELEMENT R_DATE (#PCDATA)>
<!ELEMENT R_NAME (#PCDATA)>
<!ELEMENT R_ADDR (#PCDATA)>
<!ELEMENT SCHOOLYEAR (START, END, LENGTH, S_GRADE, ABSENTDAYS, ABSENCECAUSE?,
PROMOTEIND?,
    PASSGRADES?, SPECCODES?, S_TFNAME?, S_TLNAME?, S_SCHOOL)>
<!ELEMENT START (#PCDATA)>
<!ELEMENT END (#PCDATA)>
<!ELEMENT LENGTH (#PCDATA)>
<!ELEMENT S_GRADE (#PCDATA)>
<!ELEMENT ABSENTDAYS (#PCDATA)>
<!ELEMENT ABSENCECAUSE (#PCDATA)>
<!ELEMENT PROMOTEIND (#PCDATA)>
<!ELEMENT PASSGRADES (#PCDATA)>
<!ELEMENT SPECCODES (#PCDATA)>
<!ELEMENT S_TFNAME (#PCDATA)>
<!ELEMENT S_TLNAME (#PCDATA)>
<!ELEMENT S_SCHOOL (S_NAME, S_COURSE+)>
<!ELEMENT S_NAME (#PCDATA)>
<!ELEMENT S_COURSE (C_NAME, C_TFNAME?, C_TLNAME?, S1GRADE?, S2GRADE?, C_FGRADE?,
C_CREDITS?)>
<!ELEMENT C_NAME (#PCDATA)>
<!ELEMENT C_TFNAME (#PCDATA)>
<!ELEMENT C_TLNAME (#PCDATA)>
<!ELEMENT S1GRADE (#PCDATA)>
<!ELEMENT S2GRADE (#PCDATA)>
<!ELEMENT C_FGRADE (#PCDATA)>
<!ELEMENT C_CREDITS (#PCDATA)>
<!ELEMENT SUMMERSCH (SS_DATE, SS_NAME, SS_COURSE+)>
<!ELEMENT SS_DATE (#PCDATA)>
<!ELEMENT SS_NAME (#PCDATA)>
<!ELEMENT SS_COURSE (SC_NAME, SC_TFNAME?, SC_TLNAME?, SC_FGRADE?, SC_CREDITS)>
<!ELEMENT SC_NAME (#PCDATA)>
<!ELEMENT SC_TFNAME (#PCDATA)>
<!ELEMENT SC_TLNAME (#PCDATA)>
<!ELEMENT SC_FGRADE (#PCDATA)>
<!ELEMENT SC_CREDITS (#PCDATA)>
<!ELEMENT TEST (T_DATE, T_DESCR)>
<!ELEMENT T_DATE (#PCDATA)>
<!ELEMENT T_DESCR (#PCDATA)>
<!ELEMENT FACT (F_DATE, F_GRADE, AGE, F_NAME, FROMDATE, TODATE, F_DESC)>
<!ELEMENT F_DATE (#PCDATA)>
<!ELEMENT F_GRADE (#PCDATA)>
<!ELEMENT AGE (#PCDATA)>
<!ELEMENT F_NAME (#PCDATA)>
<!ELEMENT FROMDATE (#PCDATA)>
<!ELEMENT TODATE (#PCDATA)>
<!ELEMENT F_DESC (#PCDATA)>
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