```
/************************************************************************
 *** Layout File                                                   ***
 ***                                                               ***
 *** This file is designed to provide the necessary information so ***
 *** that NCES survey response data may be used in other statistical ***
 *** software packages. This file provides variable names, ASCII   ***
 *** file locations, and short descriptions for all tagged variables. ***
 *** Additionally, for categorical variables, this file also contains ***
 *** the response codes and value label descriptions.              ***
 ***                                                               ***
 *** Full sample weights, replicate weights, and identification    ***
 *** numbers are added automatically to the list of variables tagged ***
 *** by the EDAT and are included here.                            ***
 ************************************************************************/

/* ASCII Dataset File Name */
tchpvt99_ascii

/* Total Record Length */
3910

/* Variable Names, Locations, and Descriptions */
AGE_T     922-923    Teacher age
ASSIGN    671-672    General field of main assignment
ATTACK    908-909    Student attack, ever, past 12 mos
CL_AR     924-925    Num classes-art/music
CL_CS     926-927    Num classes-computer science
CL_ENG    928-929    Num classes-English
CL_FL     930-931    Num classes-foreign language
CL_MAT    932-933    Num classes-math
CL_NS     934-935    Num classes-natural science
CL_SO     936-937    Num classes-social studies
CL_VT     938-939    Num classes - vo-tech
CLASSZ_D  819-824    Average class size - departmental
CLASSZ_S  817-818    Class size - self contained
CLSZ_AR   964-969    Avg cl size - art
CLSZ_CS   970-975    Avg cl size - computer sci
CLSZ_ENG  976-981    Avg cl size - English
CLSZ_FL   982-987    Avg cl size - foreign language
CLSZ_MAT  988-993    Avg cl size - math
CLSZ_NS   994-999    Avg cl size - natural sci
CLSZ_SO   1000-1005  Avg cl size - social studies
CLSZ_VT   1006-1011  Avg cl size - vo-tech
CPTR_COL  873-878    Comp use-perc classes-collaborate
CPTR_MAT  855-860    Comp use-perc classes-learn subj matter
CPTR_MED  879-884    Comp use-perc classes-multimedia
CPTR_OTH  897-902    Comp use-perc classes-other
CPTR_PRB  867-872    Comp use-perc classes-solve problems
CPTR_SKL  861-866    Comp use-perc classes-practice skills
CPTR_WEB  891-896    Comp use-perc classes-correspond
CPTR_WRD  885-890    Comp use-perc classes-word proc
EARNALL   916-917    Total yearly earnings
EARNSCH   918-919    School-related earnings
ENRK12UG  645-646    Total ungraded and K-12 enrollment
F_T0051   3311-3312  Imputation flag for T0051
F_T0053   3313-3314  Imputation flag for T0053
F_T0054   3315-3316  Imputation flag for T0054
F_T0059   3317-3318  Imputation flag for T0059
F_T0060   3319-3320  Imputation flag for T0060
F_T0061   3321-3322  Imputation flag for T0061
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F_T0062    3323-3324 Imputation flag for T0062
F_T0063    3325-3326 Imputation flag for T0063
F_T0064    3327-3328 Imputation flag for T0064
F_T0065    3329-3330 Imputation flag for T0065
F_T0066    3331-3332 Imputation flag for T0066
F_T0067    3333-3334 Imputation flag for T0067
F_T0068    3335-3336 Imputation flag for T0068
F_T0069    3337-3338 Imputation flag for T0069
F_T0070    3339-3340 Imputation flag for T0070
F_T0071    3341-3342 Imputation flag for T0071
F_T0072    3343-3344 Imputation flag for T0072
F_T0073    3345-3346 Imputation flag for T0073
F_T0074    3347-3348 Imputation flag for T0074
F_T0075    3349-3350 Imputation flag for T0075
F_T0076    3351-3352 Imputation flag for T0076
F_T0080    3353-3354 Imputation flag for T0080
F_T0081    3355-3356 Imputation flag for T0081
F_T0082    3357-3358 Imputation flag for T0082
F_T0083    3359-3360 Imputation flag for T0083
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F_T0089    3371-3372 Imputation flag for T0089
F_T0090    3373-3374 Imputation flag for T0090
F_T0091    3375-3376 Imputation flag for T0091
F_T0092    3377-3378 Imputation flag for T0092
F_T0093    3379-3380 Imputation flag for T0093
F_T0094    3381-3382 Imputation flag for T0094
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F_T0098    3389-3390 Imputation flag for T0098
F_T0099    3391-3392 Imputation flag for T0099
F_T0100    3393-3394 Imputation flag for T0100
F_T0101    3395-3396 Imputation flag for T0101
F_T0102    3397-3398 Imputation flag for T0102
F_T0103    3399-3400 Imputation flag for T0103
F_T0104    3401-3402 Imputation flag for T0104
F_T0105    3403-3404 Imputation flag for T0105
F_T0106    3405-3406 Imputation flag for T0106
F_T0107    3407-3408 Imputation flag for T0107
F_T0108    3409-3410 Imputation flag for T0108
F_T0109    3411-3412 Imputation flag for T0109
F_T0110    3413-3414 Imputation flag for T0110
F_T0111    3415-3416 Imputation flag for T0111
F_T0112    3417-3418 Imputation flag for T0112
F_T0113    3419-3420 Imputation flag for T0113
F_T0114    3421-3422 Imputation flag for T0114
F_T0115    3423-3424 Imputation flag for T0115
F_T0116    3425-3426 Imputation flag for T0116
F_T0117    3427-3428 Imputation flag for T0117
F_T0118    3429-3430 Imputation flag for T0118
F_T0119    3431-3432 Imputation flag for T0119
F_T0120    3433-3434 Imputation flag for T0120
F_T0121    3435-3436 Imputation flag for T0121
F_T0122    3437-3438 Imputation flag for T0122
F_T0123    3439-3440 Imputation flag for T0123
F_T0124    3441-3442 Imputation flag for T0124
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F_T0181    3555-3556 Imputation flag for T0181
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F_T0183    3559-3560 Imputation flag for T0183
F_T0184    3561-3562 Imputation flag for T0184
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F_T0192    3577-3578 Imputation flag for T0192
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F_T0194    3581-3582 Imputation flag for T0194
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F_T0196    3585-3586 Imputation flag for T0196
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F_T0198    3589-3590 Imputation flag for T0198
F_T0199    3591-3592 Imputation flag for T0199
F_T0200    3593-3594 Imputation flag for T0200
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F_T0203    3599-3600 Imputation flag for T0203
F_T0204    3601-3602 Imputation flag for T0204
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F_T0206    3605-3606 Imputation flag for T0206
F_T0207    3607-3608 Imputation flag for T0207
F_T0208    3609-3610 Imputation flag for T0208
F_T0209    3611-3612 Imputation flag for T0209
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F_T0211    3615-3616 Imputation flag for T0211
F_T0212    3617-3618 Imputation flag for T0212
F_T0213    3619-3620 Imputation flag for T0213
F_T0214    3621-3622 Imputation flag for T0214
F_T0215    3623-3624 Imputation flag for T0215
F_T0216    3625-3626 Imputation flag for T0216
F_T0217    3627-3628 Imputation flag for T0217
F_T0218    3629-3630 Imputation flag for T0218
F_T0219    3631-3632 Imputation flag for T0219
F_T0220    3633-3634 Imputation flag for T0220
F_T0221    3635-3636 Imputation flag for T0221
F_T0222    3637-3638 Imputation flag for T0222
F_T0223    3639-3640 Imputation flag for T0223
F_T0224    3641-3642 Imputation flag for T0224
F_T0225    3643-3644 Imputation flag for T0225
F_T0226    3645-3646 Imputation flag for T0226
F_T0227    3647-3648 Imputation flag for T0227
F_T0228    3649-3650 Imputation flag for T0228
F_T0229    3651-3652 Imputation flag for T0229
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F_T0232    3657-3658 Imputation flag for T0232
F_T0233    3659-3660 Imputation flag for T0233
F_T0234    3661-3662 Imputation flag for T0234
F_T0235    3663-3664 Imputation flag for T0235
F_T0236    3665-3666 Imputation flag for T0236
F_T0237    3667-3668 Imputation flag for T0237
F_T0238    3669-3670 Imputation flag for T0238
F_T0239    3671-3672 Imputation flag for T0239
F_T0240    3673-3674 Imputation flag for T0240
F_T0241    3675-3676 Imputation flag for T0241
F_T0242    3677-3678 Imputation flag for T0242
F_T0243    3679-3680 Imputation flag for T0243
F_T0244    3681-3682 Imputation flag for T0244
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F_T0245    3683-3684 Imputation flag for T0245
F_T0246    3685-3686 Imputation flag for T0246
F_T0247    3687-3688 Imputation flag for T0247
F_T0248    3689-3690 Imputation flag for T0248
F_T0249    3691-3692 Imputation flag for T0249
F_T0250    3693-3694 Imputation flag for T0250
F_T0251    3695-3696 Imputation flag for T0251
F_T0252    3697-3698 Imputation flag for T0252
F_T0253    3699-3700 Imputation flag for T0253
F_T0254    3701-3702 Imputation flag for T0254
F_T0255    3703-3704 Imputation flag for T0255
F_T0256    3705-3706 Imputation flag for T0256
F_T0257    3707-3708 Imputation flag for T0257
F_T0258    3709-3710 Imputation flag for T0258
F_T0259    3711-3712 Imputation flag for T0259
F_T0260    3713-3714 Imputation flag for T0260
F_T0261    3715-3716 Imputation flag for T0261
F_T0262    3717-3718 Imputation flag for T0262
F_T0263    3719-3720 Imputation flag for T0263
F_T0264    3721-3722 Imputation flag for T0264
F_T0265    3723-3724 Imputation flag for T0265
F_T0266    3725-3726 Imputation flag for T0266
F_T0267    3727-3728 Imputation flag for T0267
F_T0268    3729-3730 Imputation flag for T0268
F_T0269    3731-3732 Imputation flag for T0269
F_T0270    3733-3734 Imputation flag for T0270
F_T0271    3735-3736 Imputation flag for T0271
F_T0272    3737-3738 Imputation flag for T0272
F_T0273    3739-3740 Imputation flag for T0273
F_T0274    3741-3742 Imputation flag for T0274
F_T0275    3743-3744 Imputation flag for T0275
F_T0276    3745-3746 Imputation flag for T0276
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F_T0278    3749-3750 Imputation flag for T0278
F_T0279    3751-3752 Imputation flag for T0279
F_T0280    3753-3754 Imputation flag for T0280
F_T0281    3755-3756 Imputation flag for T0281
F_T0282    3757-3758 Imputation flag for T0282
F_T0283    3759-3760 Imputation flag for T0283
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F_T0292    3777-3778 Imputation flag for T0292
F_T0293    3779-3780 Imputation flag for T0293
F_T0294    3781-3782 Imputation flag for T0294
F_T0295    3783-3784 Imputation flag for T0295
F_T0296    3785-3786 Imputation flag for T0296
F_T0297    3787-3788 Imputation flag for T0297
F_T0298    3789-3790 Imputation flag for T0298
F_T0299    3791-3792 Imputation flag for T0299
F_T0300    3793-3794 Imputation flag for T0300
F_T0301    3795-3796 Imputation flag for T0301
F_T0302    3797-3798 Imputation flag for T0302
F_T0303    3799-3800 Imputation flag for T0303
F_T0304    3801-3802 Imputation flag for T0304
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F_T0306    3805-3806 Imputation flag for T0306
F_T0307    3807-3808 Imputation flag for T0307
F_T0308    3809-3810 Imputation flag for T0308
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F_T0311    3815-3816 Imputation flag for T0311
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F_T0320    3833-3834 Imputation flag for T0320
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F_T0352    3897-3898 Imputation flag for T0352
F_T0353    3899-3900 Imputation flag for T0353
F_T0354    3901-3902 Imputation flag for T0354
F_T0356    3905-3906 Imputation flag for T0356
F_T0357    3907-3908 Imputation flag for T0357
F_T0359    3909-3910 Imputation flag for T0359
F_T0363    3903-3904 Imputation flag for T0363
HRSALL     903-905   Total hrs per wk - sch activities
IEP_T      831-836   Percent students with IEP
INF_A_CM 1012-1013 T taught in-fld-comp sc
INF_A_EL 1014-1015 T taught in-fld-el ed
INF_A_EN 1016-1017 T taught in-fld-English/lang arts
INF_A_ES 1018-1019 T taught in-fld-ESL
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INF_A_MA  1020-1021 T taught in-fld-math
INF_A_PE  1022-1023 T taught in-fld-phys/hlth
INF_A_SC  1024-1025 T taught in-fld-science
INF_A_SE  1026-1027 T taught in-fld-special ed
INF_A_SO  1028-1029 T taught in-fld-soc st
INF_ASCH  1030-1031 T taught in-fld-chem
INF_ASEA  1032-1033 T taught in-fld-earth sc
INF_ASEL  1034-1035 T taught in-fld--el ed (not K)
INF_ASHI  1036-1037 T taught in-fld-hist
INF_ASHL  1038-1039 T taught in-fld-hlth
INF_ASKI  1040-1041 T taught in-fld--Kinder
INF_ASLI  1042-1043 T taught in-fld-life sc
INF_ASPE  1044-1045 T taught in-fld-phys ed
INF_ASPH  1046-1047 T taught in-fld-physics
INF_ASPS  1048-1049 T taught in-fld-phys sc
INF_M     1050-1051 T in-fld mn assign-all assigns
INF_M_AM  1052-1053 T in-fld mn assign-arts/music
INF_M_BE  1054-1055 T in-fld mn assign-bilingual ed or ESL
INF_M_CM  1056-1057 T in-fld mn assign--comp sc
INF_M_EL  1058-1059 T in-fld mn assign-el ed
INF_M_EN  1060-1061 T in-fld mn assign-English
INF_M_FL  1062-1063 T in-fld mn assign-for lang
INF_M_MA  1064-1065 T in-fld mn assign-math
INF_M_PE  1066-1067 T in-fld mn assign-phys/hlth
INF_M_SC  1068-1069 T in-fld mn assign-science
INF_M_SE  1070-1071 T in-fld mn assign-special ed
INF_M_SO  1072-1073 T in-fld mn assign-soc st
INF_M_VO  1074-1075 T in-fld mn assign-voc-ed
INF_MSCH  1076-1077 T in-fld mn assign-chem
INF_MSEA  1078-1079 T in-fld mn assign-earth sc
INF_MSEL  1080-1081 T in-fld mn assign-el ed, not K
INF_MSHL  1082-1083 T in-fld mn assign-hlth
INF_MSKI  1084-1085 T in-fld mn assign-Kinder
INF_MSLI  1086-1087 T in-fld mn assign-life sc
INF_MSPE  1088-1089 T in-fld mn assign-phys ed
INF_MSPH  1090-1091 T in-fld mn assign-physics
INF_MSPS  1092-1093 T in-fld mn assign-phys sc
INFA_AM   1094-1095 Arts/Music T In-fld A
INFA_FL   1096-1097 For lang T In-fld A
INFA_VO   1098-1099 Voc-ed T In-fld A
INFB_AM   1100-1101 Arts/Music T In-fld B
INFB_FL   1102-1103 For lang T In-fld B
INFB_VO   1104-1105 Voc-ed T In-fld B
INFC_AM   1106-1107 Arts/Music T In-fld C
INFC_FL   1108-1109 For lang T In-fld C
INFC_VO   1110-1111 Voc-ed T In-fld C
INFCA_AM  1112-1113 # C w/ T w/ cert -arts/music
INFCA_CM  1114-1115 # C w/ T w/ cert -comp sc
INFCA_EN  1116-1117 # C w/ T w/ cert -English
INFCA_ES  1118-1119 # C w/ T w/ cert -ESL
INFCA_FL  1120-1121 # C w/ T w/ cert -for lang
INFCA_MA  1122-1123 # C w/ T w/ cert -math
INFCA_PE  1124-1125 # C w/ T w/ cert -phys/hlth
INFCA_SC  1126-1127 # C w/ T w/ cert -science
INFCA_SO  1128-1129 # C w/ T w/ cert-soc st
INFCA_VO  1130-1131 # C w/ T w/ cert -voc ed
INFCASCH  1132-1133 # C w/ T w/ cert -chem
INFCASEA  1134-1135 # C w/ T w/ cert -earth sc
INFCASHI  1136-1137 # C w/ T w/ cert--hist
INFCASHL  1138-1139 # C w/ T w/ cert -hlth
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INFCASLI  1140-1141 # C w/ T w/ cert -life sc
INFCASPE  1142-1143 # C w/ T w/ cert -phys ed
INFCASPH  1144-1145 # C w/ T w/ cert -physics
INFCASPS  1146-1147 # C w/ T w/ cert -phys sc
INFCB_AM  1148-1149 # C w/ T w/ maj -arts/music
INFCB_CM  1150-1151 # C w/ T w/ maj -comp sc
INFCB_EN  1152-1153 # C w/ T w/ maj -English
INFCB_ES  1154-1155 # C w/ T w/ maj -ESL
INFCB_FL  1156-1157 # C w/ T w/ maj -for lang
INFCB_MA  1158-1159 # C w/ T w/ maj -math
INFCB_PE  1160-1161 # C w/ T w/ maj -phys/hlth
INFCB_SC  1162-1163 # C w/ T w/ maj -science
INFCB_SO  1164-1165 # C w/ T w/ maj -soc st
INFCB_VO  1166-1167 # C w/ T w/ maj -voc ed
INFCBSCH  1168-1169 # C w/ T w/ maj -chem
INFCBSEA  1170-1171 # C w/ T w/ maj -earth sc
INFCBSHI  1172-1173 # C w/ T w/ maj -hist
INFCBSHL  1174-1175 # C w/ T w/ maj -hlth
INFCBSLI  1176-1177 # C w/ T w/ maj -life sc
INFCBSPE  1178-1179 # C w/ T w/ maj -phys ed
INFCBSPH  1180-1181 # C w/ T w/ maj -physics
INFCBSPS  1182-1183 # C w/ T w/ maj -phys sc
INFCC_AM  1184-1185 # C w/ T w/ maj or min -arts/music
INFCC_CM  1186-1187 # C w/ T w/ maj or min -comp sc
INFCC_EN  1188-1189 # C w/ T w/ maj or min -English
INFCC_ES  1190-1191 # C w/ T w/ maj or min -ESL
INFCC_FL  1192-1193 # C w/ T w/ maj or min -for lang
INFCC_MA  1194-1195 # C w/ T w/ maj or min -math
INFCC_PE  1196-1197 # C w/ T w/ maj or min -phys/hlth
INFCC_SC  1198-1199 # C w/ T w/ maj or min -science
INFCC_SO  1200-1201 # C w/ T w/ maj or min-soc st
INFCC_VO  1202-1203 # C w/ T w/ maj or min -voc ed
INFCCSCH  1204-1205 # c w/ t w/ maj or min -chem
INFCCSEA  1206-1207 # c w/ t w/ maj or min -earth sc
INFCCSHI  1208-1209 # C w/ T w/ maj or min --hist
INFCCSHL  1210-1211 # C w/ T w/ maj or min -hlth
INFCCSLI  1212-1213 # c w/ t w/ maj or min -life sc
INFCCSPE  1214-1215 # C w/ T w/ maj or min -phys ed
INFCCSPH  1216-1217 # C w/ T w/ maj or min -physics
INFCCSPS  1218-1219 # C w/ T w/ maj or min -phys sc
INFCD_AM  1220-1221 # C w/ T w/ cert & maj -arts/music
INFCD_CM  1222-1223 # C w/ T w/ cert & maj -comp sc
INFCD_EN  1224-1225 # C w/ T w/ cert & maj -English
INFCD_ES  1226-1227 # C w/ T w/ cert & maj -ESL
INFCD_FL  1228-1229 # C w/ T w/ cert & maj -for lang
INFCD_MA  1230-1231 # C w/ T w/ cert & maj -math
INFCD_PE  1232-1233 # C w/ T w/ cert & maj -phys/hlth
INFCD_SC  1234-1235 # C w/ T w/ cert & maj -science
INFCD_SO  1236-1237 # C w/ T w/ cert & maj-soc st
INFCD_VO  1238-1239 # C w/ T w/ cert & maj -voc ed
INFCDSCH  1240-1241 # C w/ T w/ cert & maj -chem
INFCDSEA  1242-1243 # C w/ T w/ cert & maj -earth sc
INFCDSHI  1244-1245 # C w/ T w/ cert & maj --hist
INFCDSHL  1246-1247 # C w/ T w/ cert & maj -hlth
INFCDSLI  1248-1249 # C w/ T w/ cert & maj -life sc
INFCDSPE  1250-1251 # C w/ T w/ cert & maj -phys ed
INFCDSPH  1252-1253 # C w/ T w/ cert & maj -physics
INFCDSPS  1254-1255 # C w/ T w/ cert & maj -phys sc
INFCE_AM  1256-1257 # C w/ T w/ cert & mj/mn -arts/music
INFCE_CM  1258-1259 # C w/ T w/ cert & mj/mn-comp sc
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INFCE_EN  1260-1261 # c w/ t w/ cert & mj/mn -English
INFCE_ES  1262-1263 # C w/ T w/ cert & mj/mn -ESL
INFCE_FL  1264-1265 # C w/ T w/ cert & mj/mn -for lang
INFCE_MA  1266-1267 # C w/ T w/ cert & mj/mn -math
INFCE_PE  1268-1269 # C w/ T w/ cert & mj/mn -phys/hlth
INFCE_SC  1270-1271 # C w/ T w/ cert & mj/mn-science
INFCE_SO  1272-1273 # C w/ T w/ cert&mj/mn-soc st
INFCE_VO  1274-1275 # C w/ T w/ cert & mj/mn -voc ed
INFCESCH  1276-1277 # c w/ t w/ cert&mj/mn-chem
INFCESEA  1278-1279 # c w/ t w/ cert&mj/mn-earth sc
INFCESHI  1280-1281 # C w/ T w/ cert & mj/mn --hist
INFCESHL  1282-1283 # C w/ T w/ cert & mj/mn -hlth
INFCESLI  1284-1285 # C w/ T w/ cert & mj/mn -life sc
INFCESPE  1286-1287 # C w/ T w/ cert & mj/mn -phys ed
INFCESPH  1288-1289 # C w/ T w/ cert & mj/mn -physics
INFCESPS  1290-1291 # C w/ T w/ cert & mj/mn -phys sc
INFCF_AM  1292-1293 # C w/ T w/o crt -arts/music
INFCF_CM  1294-1295 # C w/ T w/o crt -comp sc
INFCF_EN  1296-1297 # C w/ T w/o crt -English
INFCF_ES  1298-1299 # C w/ T w/o crt -ESL
INFCF_FL  1300-1301 # C w/ T w/o crt -for lang
INFCF_MA  1302-1303 # C w/ T w/o crt -math
INFCF_PE  1304-1305 # C w/ T w/o crt -phys/hlth
INFCF_SC  1306-1307 # C w/ T w/o crt -science
INFCF_SO  1308-1309 # C w/ T w/o crt -soc st
INFCF_VO  1310-1311 # C w/ T w/o crt -voc ed
INFCFSCH  1312-1313 # C w/ T w/o crt -chem
INFCFSEA  1314-1315 # C w/ T w/o crt-earth sc
INFCFSHI  1316-1317 # C w/ T w/o crt --hist
INFCFSHL  1318-1319 # C w/ T w/o crt -hlth
INFCFSLI  1320-1321 # C w/ T w/o crt -life sc
INFCFSPE  1322-1323 # C w/ T w/o crt -phys ed
INFCFSPH  1324-1325 # C w/ T w/o crt -physics
INFCFSPS  1326-1327 # C w/ T w/o crt -phys sc
INFCG_AM  1328-1329 # C w/ T w/o maj -arts/music
INFCG_CM  1330-1331 # C w/ T w/o maj -comp sc
INFCG_EN  1332-1333 # C w/ T w/o maj -English
INFCG_ES  1334-1335 # C w/ T w/o maj -ESL
INFCG_FL  1336-1337 # C w/ T w/o maj -for lang
INFCG_MA  1338-1339 # C w/ T w/o maj - math
INFCG_PE  1340-1341 # C w/ T w/o maj -phys/hlth
INFCG_SC  1342-1343 # C w/ T w/o maj -science
INFCG_SO  1344-1345 # C w/ T w/o maj -soc st
INFCG_VO  1346-1347 # C w/ T w/o maj -voc ed
INFCGSCH  1348-1349 # C w/ T w/o maj -chem
INFCGSEA  1350-1351 # C w/ T w/o maj-earth sc
INFCGSHI  1352-1353 # C w/ T w/o maj -hist
INFCGSHL  1354-1355 # C w/ T w/o maj -hlth
INFCGSLI  1356-1357 # C w/ T w/o maj -life sc
INFCGSPE  1358-1359 # C w/ T w/o maj -phys ed
INFCGSPH  1360-1361 # C w/ T w/o maj -physics
INFCGSPS  1362-1363 # C w/ T w/o maj -phys sc
INFCH_AM  1364-1365 # C w/ T w/o maj or min -arts/music
INFCH_CM  1366-1367 # C w/ T w/o maj or min -comp sc
INFCH_EN  1368-1369 # C w/ T w/o maj or min -English
INFCH_ES  1370-1371 # C w/ T w/o maj or min -ESL
INFCH_FL  1372-1373 # C w/ T w/o maj or min -for lang
INFCH_MA  1374-1375 # C w/ T w/o maj or min -math
INFCH_PE  1376-1377 # C w/ T w/o maj or min -phys/hlth
INFCH_SC  1378-1379 # C w/ T w/o maj or min -science
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INFCH_SO   1380-1381 # C w/ T w/o maj or min-soc st
INFCH_VO   1382-1383 # C w/ T w/o maj or min -voc ed
INFCHSCH   1384-1385 # c w/ t w/o maj or min -chem
INFCHSEA   1386-1387 # c w/ t w/o maj or min -earth sc
INFCHSHI   1388-1389 # C w/ T w/o maj or min --hist
INFCHSHL   1390-1391 # C w/ T w/o maj or min -hlth
INFCHSLI   1392-1393 # c w/ t w/o maj or min -life sc
INFCHSPE   1394-1395 # C w/ T w/o maj or min -phys ed
INFCHSPH   1396-1397 # C w/ T w/o maj or min -physics
INFCHSPS   1398-1399 # C w/ T w/o maj or min -phys sc
INFCI_AM   1400-1401 # C w/ T w/o crt or maj-arts/music
INFCI_CM   1402-1403 # C w/ T w/o crt or maj-comp sc
INFCI_EN   1404-1405 # C w/ T w/o crt or maj -English
INFCI_ES   1406-1407 # C w/ T w/o crt or maj -ESL
INFCI_FL   1408-1409 # C w/ T w/o crt or maj -for lang
INFCI_MA   1410-1411 # C w/ T w/o crt or maj -math
INFCI_PE   1412-1413 # C w/ T w/o crt or maj-phys/hlth
INFCI_SC   1414-1415 # C w/ T w/o crt or maj-science
INFCI_SO   1416-1417 # C w/ T w/o crt or maj-soc st
INFCI_VO   1418-1419 # C w/ T w/o crt or maj -voc ed
INFCISCH   1420-1421 # C w/ T w/o crt or maj -chem
INFCISEA   1422-1423 # C w/ T w/o crt or maj-earth sc
INFCISHI   1424-1425 # C w/ T w/o crt or maj --hist
INFCISHL   1426-1427 # C w/ T w/o crt or maj-hlth
INFCISLI   1428-1429 # C w/ T w/o crt or maj -life sc
INFCISPE   1430-1431 # C w/ T w/o crt or maj-phys ed
INFCISPH   1432-1433 # C w/ T w/o crt or maj -physics
INFCISPS   1434-1435 # C w/ T w/o crt or maj -phys sc
INFCJ_AM   1436-1437 # C w/ T w/o crt or mj/mn -arts/music
INFCJ_CM   1438-1439 # C w/ T w/o crt or mj/mn -comp sc
INFCJ_EN   1440-1441 # c w/ t w/o crt or mj/mn -English
INFCJ_ES   1442-1443 # C w/ T w/o crt or mj/mn -ESL
INFCJ_FL   1444-1445 # C w/ T w/o crt or mj/mn -for lang
INFCJ_MA   1446-1447 # C w/ T w/o crt or mj/mn -math
INFCJ_PE   1448-1449 # C w/ T w/o crt or mj/mn -phys/hlth
INFCJ_SC   1450-1451 # C w/ T w/o crt or mj/mn -science
INFCJ_SO   1452-1453 # C w/ T w/o crt or mj/mn-soc st
INFCJ_VO   1454-1455 # C w/ T w/o crt or mj/mn -voc ed
INFCJSCH   1456-1457 # c w/ t w/o crt or mj/mn -chem
INFCJSEA   1458-1459 # c w/ t w/o crt or mj/mn -earth sc
INFCJSHI   1460-1461 # C w/ T w/o crt or mj/mn --hist
INFCJSHL   1462-1463 # C w/ T w/o crt or mj/mn -hlth
INFCJSLI   1464-1465 # C w/ T w/o crt or mj/mn -life sc
INFCJSPE   1466-1467 # C w/ T w/o crt or mj/mn -phys ed
INFCJSPH   1468-1469 # C w/ T w/o crt or mj/mn -physics
INFCJSPS   1470-1471 # C w/ T w/o crt or mj/mn -phys sc
INFCK_AM   1472-1473 # C taught (for o-o-f) -arts/music
INFCK_CM   1474-1475 # C taught (for o-o-f) -comp sc
INFCK_EN   1476-1477 # C taught (for o-o-f) -English
INFCK_ES   1478-1479 # C taught (for o-o-f) -ESL
INFCK_FL   1480-1481 # C taught (for o-o-f) -for lang
INFCK_MA   1482-1483 # s taught (for o-o-f) -math
INFCK_PE   1484-1485 # C taught (for o-o-f) -phys/hlth
INFCK_SC   1486-1487 # C taught (for o-o-f) -science
INFCK_SO   1488-1489 # C taught (for o-o-f)-soc st
INFCK_VO   1490-1491 # C taught (for O-O-F) -voc ed
INFCKSCH   1492-1493 # C taught (for o-o-f) -chem
INFCKSEA   1494-1495 #C taught (for o-o-f) -earth sc
INFCKSHI   1496-1497 # C taught (for o-o-f)--hist
INFCKSHL   1498-1499 # C taught (for o-o-f) -hlth
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INFCKSLI  1500-1501 # C taught (for o-o-f) -life sc
INFCKSPE  1502-1503 # C taught (for o-o-f) -phys ed
INFCKSPH  1504-1505 # C taught (for o-o-f) -physics
INFCKSPS  1506-1507 # C taught (for o-o-f) -phys sc
INFD_AM   1508-1509 Arts/Music T In-fld D
INFD_FL   1510-1511 For lang T In-fld D
INFD_VO   1512-1513 Voc-ed T In-fld D
INFE_AM   1514-1515 Arts/Music T In-fld E
INFE_FL   1516-1517 For lang T In-fld E
INFE_VO   1518-1519 Voc-ed T In-fld E
INFF_AM   1520-1521 Arts/Music T In-fld F
INFF_FL   1522-1523 For lang T In-fld F
INFF_VO   1524-1525 Voc-ed T In-fld F
INFG_AM   1526-1527 Arts/Music T In-fld G
INFG_FL   1528-1529 For lang T In-fld G
INFG_VO   1530-1531 Voc-ed T In-fld G
INFH_AM   1532-1533 Arts/Music T In-fld H
INFH_FL   1534-1535 For lang T In-fld H
INFH_VO   1536-1537 Voc-ed T In-fld H
INFSA_AM  1538-1541 # S w/ T w/ cert -arts/music
INFSA_CM  1542-1545 # S w/ T w/ cert -comp sc
INFSA_EL  1546-1549 # S w/ T w/ cert -el ed
INFSA_EN  1550-1553 # S w/ T w/ cert -English
INFSA_ES  1554-1557 # S w/ T w/ cert -ESL
INFSA_FL  1558-1561 # S w/ T w/ cert -for lang
INFSA_MA  1562-1565 # S w/ T w/ cert - math
INFSA_PE  1566-1569 # S w/ T w/ cert -phys/hlth
INFSA_SC  1570-1573 # S w/ T w/ cert -science
INFSA_SE  1574-1577 # S w/ T w/ cert -special ed
INFSA_SO  1578-1581 # S w/ T w/ cert-soc st
INFSA_VO  1582-1585 # S w/ T w/ cert -voc ed
INFSASCH  1586-1589 # S w/ T w/ cert-chem
INFSASEA  1590-1593 # S w/ T w/ cert-earth sc
INFSASEL  1594-1597 # S w/ T w/ cert --el ed,not K
INFSASHI  1598-1601 # S w/ T w/ cert--hist
INFSASHL  1602-1605 # S w/ T w/ cert -hlth
INFSASKI  1606-1609 # S w/ T w/ cert --kinder
INFSASLI  1610-1613 # S w/ T w/ cert -life sc
INFSASPE  1614-1617 # S w/ T w/ cert -phys ed
INFSASPH  1618-1621 # S w/ T w/ cert -physics
INFSASPS  1622-1625 # S w/ T w/ cert -phys sc
INFSB_AM  1626-1629 # S w/ T w/ maj -arts/music
INFSB_CM  1630-1633 # S w/ T w/ maj -comp sc
INFSB_EL  1634-1637 # S w/ T w/ maj -el ed
INFSB_EN  1638-1641 # S w/ T w/ maj -English
INFSB_ES  1642-1645 # S w/ T w/ maj -ESL
INFSB_FL  1646-1649 # S w/ T w/ maj -for lang
INFSB_MA  1650-1653 # S w/ T w/ maj -math
INFSB_PE  1654-1657 # S w/ T w/ maj -phys/hlth
INFSB_SC  1658-1661 # S w/ T w/ maj -science
INFSB_SE  1662-1665 # S w/ T w/ maj -special ed
INFSB_SO  1666-1669 # S w/ T w/ maj -soc st
INFSB_VO  1670-1673 # S w/ T w/ maj -voc ed
INFSBSCH  1674-1677 # S w/ T w/ maj-chem
INFSBSEA  1678-1681 # S w/ T w/ maj-earth sc
INFSBSEL  1682-1685 # S w/ T w/ maj --el ed, not K
INFSBSHI  1686-1689 # S w/ T w/ maj --hist
INFSBSHL  1690-1693 # S w/ T w/ maj -hlth
INFSBSKI  1694-1697 # S w/ T w/ maj --kinder
INFSBSLI  1698-1701 # S w/ T w/ maj -life sc
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INFSBSPE   1702-1705 # S w/ T w/ maj -phys ed
INFSBSPH   1706-1709 # S w/ T w/ maj -physics
INFSBSPS   1710-1713 # S w/ T w/ maj -phys sc
INFSC_AM   1714-1717 # S w/ T w/ maj or min -arts/music
INFSC_CM   1718-1721 # S w/ T w/ maj or min -comp sc
INFSC_EL   1722-1725 # S w/ T w/ maj or min -el ed
INFSC_EN   1726-1729 # S w/ T w/ maj or min -English
INFSC_ES   1730-1733 # S w/ T w/ maj or min -ESL
INFSC_FL   1734-1737 # S w/ T w/ maj or min -for lang
INFSC_MA   1738-1741 # S w/ T w/ maj or min -math
INFSC_PE   1742-1745 # S w/ T w/ maj or min -phys/hlth
INFSC_SC   1746-1749 # S w/ T w/ maj or min -science
INFSC_SE   1750-1753 # S w/ T w/ maj or min -special ed
INFSC_SO   1754-1757 # S w/ T w/ maj or min-soc st
INFSC_VO   1758-1761 # S w/ T w/ maj or min -voc ed
INFSCSCH   1762-1765 # s w/ t w/ maj or min -chem
INFSCSEA   1766-1769 # s w/ t w/ maj or min -earth sc
INFSCSEL   1770-1773 # S w/ T w/ maj or min --el ed,not K
INFSCSHI   1774-1777 # S w/ T w/ maj or min --hist
INFSCSHL   1778-1781 # s w/ t w/ maj or min-hlth
INFSCSKI   1782-1785 # S w/ T w/ maj or min --kinder
INFSCSLI   1786-1789 # S w/ T w/ maj or min -life sc
INFSCSPE   1790-1793 # S w/ T w/ maj or min -phys ed
INFSCSPH   1794-1797 # S w/ T w/ maj or min -physics
INFSCSPS   1798-1801 # S w/ T w/ maj or min -phys sc
INFSD_AM   1802-1805 # S w/ T w/ cert & maj -arts/music
INFSD_CM   1806-1809 # S w/ T w/ cert & maj -comp sc
INFSD_EL   1810-1813 # S w/ T w/ cert & maj -el ed
INFSD_EN   1814-1817 # S w/ T w/ cert & maj -English
INFSD_ES   1818-1821 # S w/ T w/ cert & maj -ESL
INFSD_FL   1822-1825 # S w/ T w/ cert & maj -for lang
INFSD_MA   1826-1829 # S w/ T w/ cert & maj -math
INFSD_PE   1830-1833 # S w/ T w/ cert & maj -phys/hlth
INFSD_SC   1834-1837 # S w/ T w/ cert & maj -science
INFSD_SE   1838-1841 # S w/ T w/ cert & maj -special ed
INFSD_SO   1842-1845 # S w/ T w/ cert & maj-soc st
INFSD_VO   1846-1849 # S w/ T w/ cert & maj voc ed
INFSDSCH   1850-1853 # S w/ T w/ cert & maj-chem
INFSDSEA   1854-1857 # S w/ T w/ cert & maj-earth sc
INFSDSEL   1858-1861 # S w/ T w/ cert & maj-el ed,not K
INFSDSHI   1862-1865 # S w/ T w/ cert & maj --hist
INFSDSHL   1866-1869 # S w/ T w/ cert & maj -hlth
INFSDSKI   1870-1873 # S w/ T w/ cert & maj --kinder
INFSDSLI   1874-1877 # S w/ T w/ cert & maj -life sc
INFSDSPE   1878-1881 # S w/ T w/ cert & maj -phys ed
INFSDSPH   1882-1885 # S w/ T w/ cert & maj -physics
INFSDSPS   1886-1889 # S w/ T w/ cert & maj -phys sc
INFSE_AM   1890-1893 # S w/ T w/ cert & mj/mn -arts/music
INFSE_CM   1894-1897 # S w/ T w/ cert & mj/mn-comp sc
INFSE_EL   1898-1901 # S w/ T w/ cert & mj/mn -el ed
INFSE_EN   1902-1905 # S w/ T w/ cert & mj/mn -English
INFSE_ES   1906-1909 # S w/ T w/ cert & mj/mn -ESL
INFSE_FL   1910-1913 # S w/ T w/ cert & mj/mn -for lang
INFSE_MA   1914-1917 # S w/ T w/ cert & mj/mn -math
INFSE_PE   1918-1921 # S w/ T w/ cert & mj/mn -phys/hlth
INFSE_SC   1922-1925 # S w/ T w/ cert & mj/mn-science
INFSE_SE   1926-1929 # S w/ T w/ cert & mj/mn -special ed
INFSE_SO   1930-1933 # S w/ T w/ cert&mj/mn-soc st
INFSE_VO   1934-1937 # S w/ T w/ cert & mj/mn -voc ed
INFSESCH   1938-1941 # s w/ t w/ cert&mj/mn-chem
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INFSESEA  1942-1945 # s w/ t w/ cert&mj/mn-earth sc
INFSESEL  1946-1949 # S w/ T w/ cert&mj/mn-el ed,not K
INFSESHI  1950-1953 # S w/ T w/ cert & mj/mn --hist
INFSESHL  1954-1957 # S w/ T w/ cert & mj/mn -hlth
INFSESKI  1958-1961 # S w/ T w/ cert & mj/mn --kinder
INFSESLI  1962-1965 # S w/ T w/ cert & mj/mn -life sc
INFSESPE  1966-1969 # S w/ T w/ cert & mj/mn -phys ed
INFSESPH  1970-1973 # S w/ T w/ cert & mj/mn -physics
INFSESPS  1974-1977 # S w/ T w/ cert & mj/mn -phys sc
INFSF_AM  1978-1981 # S w/ T w/o crt -arts/music
INFSF_CM  1982-1985 # S w/ T w/o crt -comp sc
INFSF_EL  1986-1989 # S w/ T w/o crt -el ed
INFSF_EN  1990-1993 # S w/ T w/o crt -English
INFSF_ES  1994-1997 # S w/ T w/o crt -ESL
INFSF_FL  1998-2001 # S w/ T w/o crt -for lang
INFSF_MA  2002-2005 # S w/ T w/o crt -math
INFSF_PE  2006-2009 # S w/ T w/o crt -phys/hlth
INFSF_SC  2010-2013 # S w/ T w/o crt -science
INFSF_SE  2014-2017 # S w/ T w/o crt -special ed
INFSF_SO  2018-2021 # S w/ T w/o crt -soc st
INFSF_VO  2022-2025 # S w/ T w/o crt -voc ed
INFSFSCH  2026-2029 # S w/ T w/o crt-chem
INFSFSEA  2030-2033 # S w/ T w/o crt-earth sc
INFSFSEL  2034-2037 # S w/ T w/o crt --el ed, not K
INFSFSHI  2038-2041 # S w/ T w/o crt --hist
INFSFSHL  2042-2045 # S w/ T w/o crt -hlth
INFSFSKI  2046-2049 # S w/ T w/o crt --kinder
INFSFSLI  2050-2053 # S w/ T w/o crt -life sc
INFSFSPE  2054-2057 # S w/ T w/o crt -phys ed
INFSFSPH  2058-2061 # S w/ T w/o crt -physics
INFSFSPS  2062-2065 # S w/ T w/o crt -phys sc
INFSG_AM  2066-2069 # S w/ T w/o maj -arts/music
INFSG_CM  2070-2073 # S w/ T w/o maj -comp sc
INFSG_EL  2074-2077 # S w/ T w/o maj -el ed
INFSG_EN  2078-2081 # S w/ T w/o maj -English
INFSG_ES  2082-2085 # S w/ T w/o maj -ESL
INFSG_FL  2086-2089 # S w/ T w/o maj -for lang
INFSG_MA  2090-2093 # S w/ T w/o maj - math
INFSG_PE  2094-2097 # S w/ T w/o maj -phys/hlth
INFSG_SC  2098-2101 # S w/ T w/o maj -science
INFSG_SE  2102-2105 # S w/ T w/o maj -special ed
INFSG_SO  2106-2109 # S w/ T w/o maj -soc st
INFSG_VO  2110-2113 # S w/ T w/o maj -voc ed
INFSGSCH  2114-2117 # S w/ T w/o maj-chem
INFSGSEA  2118-2121 # S w/ T w/o maj-earth sc
INFSGSEL  2122-2125 # S w/ T w/o maj --el ed, not K
INFSGSHI  2126-2129 # S w/ T w/o maj --hist
INFSGSHL  2130-2133 # S w/ T w/o maj -hlth
INFSGSKI  2134-2137 # S w/ T w/o maj --kinder
INFSGSLI  2138-2141 # S w/ T w/o maj -life sc
INFSGSPE  2142-2145 # S w/ T w/o maj -phys ed
INFSGSPH  2146-2149 # S w/ T w/o maj -physics
INFSGSPS  2150-2153 # S w/ T w/o maj -phys sc
INFSH_AM  2154-2157 # S w/ T w/o maj or min -arts/music
INFSH_CM  2158-2161 # S w/ T w/o maj or min -comp sc
INFSH_EL  2162-2165 # S w/ T w/o maj or min -el ed
INFSH_EN  2166-2169 # S w/ T w/o maj or min -English
INFSH_ES  2170-2173 # S w/ T w/o maj or min -ESL
INFSH_FL  2174-2177 # S w/ T w/o maj or min -for lang
INFSH_MA  2178-2181 # S w/ T w/o maj or min -math
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INFSH_PE  2182-2185 # S w/ T w/o maj or min -phys/hlth
INFSH_SC  2186-2189 # S w/ T w/o maj or min -science
INFSH_SE  2190-2193 # S w/ T w/o maj or min -special ed
INFSH_SO  2194-2197 # S w/ T w/o maj or min-soc st
INFSH_VO  2198-2201 # S w/ T w/o maj or min -voc ed
INFSHSCH  2202-2205 # s w/ t w/o maj or min-chem
INFSHSEA  2206-2209 # s w/ t w/o maj or min-earth sc
INFSHSEL  2210-2213 # S w/ T w/o maj or min-el ed,not K
INFSHSHI  2214-2217 # S w/ T w/o maj or min --hist
INFSHSHL  2218-2221 # S w/ T w/o maj or min -hlth
INFSHSKI  2222-2225 # S w/ T w/o maj or min --kinder
INFSHSLI  2226-2229 # S w/ T w/o maj or min -life sc
INFSHSPE  2230-2233 # S w/ T w/o maj or min -phys ed
INFSHSPH  2234-2237 # S w/ T w/o maj or min -physics
INFSHSPS  2238-2241 # S w/ T w/o maj or min -phys sc
INFSI_AM  2242-2245 # S w/ T w/o crt or maj-arts/music
INFSI_CM  2246-2249 # S w/ T w/o crt or maj-comp sc
INFSI_EL  2250-2253 # S w/ T w/o crt or maj -el ed
INFSI_EN  2254-2257 # S w/ T w/o crt or maj -English
INFSI_ES  2258-2261 # S w/ T w/o crt or maj -ESL
INFSI_FL  2262-2265 # S w/ T w/o crt or maj -for lang
INFSI_MA  2266-2269 # S w/ T w/o crt or maj -math
INFSI_PE  2270-2273 # S w/ T w/o crt or maj-phys/hlth
INFSI_SC  2274-2277 # S w/ T w/o crt or maj-science
INFSI_SE  2278-2281 # S w/ T w/o crt or maj -special ed
INFSI_SO  2282-2285 # S w/ T w/o crt or maj-soc st
INFSI_VO  2286-2289 # S w/ T w/o crt or maj -voc ed
INFSISCH  2290-2293 # S w/ T w/o crt or maj-chem
INFSISEA  2294-2297 # S w/ T w/o crt or maj-earth sc
INFSISEL  2298-2301 # S w/ T w/o crt or maj-el ed,not K
INFSISHI  2302-2305 # S w/ T w/o crt or maj --hist
INFSISHL  2306-2309 # S w/ T w/o crt or maj-hlth
INFSISKI  2310-2313 # S w/ T w/o crt or maj --kinder
INFSISLI  2314-2317 # S w/ T w/o crt or maj -life sc
INFSISPE  2318-2321 # S w/ T w/o crt or maj-phys ed
INFSISPH  2322-2325 # S w/ T w/o crt or maj -physics
INFSISPS  2326-2329 # S w/ T w/o crt or maj -phys sc
INFSJ_AM  2330-2333 # S w/ T w/o crt or mj/mn -arts/music
INFSJ_CM  2334-2337 # S w/ T w/o crt or mj/mn -comp sc
INFSJ_EL  2338-2341 # S w/ T w/o crt or mj/mn -el ed
INFSJ_EN  2342-2345 # S w/ T w/o crt or mj/mn -English
INFSJ_ES  2346-2349 # S w/ T w/o crt or mj/mn -ESL
INFSJ_FL  2350-2353 # S w/ T w/o crt or mj/mn -for lang
INFSJ_MA  2354-2357 # S w/ T w/o crt or mj/mn -math
INFSJ_PE  2358-2361 # S w/ T w/o crt or mj/mn -phys/hlth
INFSJ_SC  2362-2365 # S w/ T w/o crt or mj/mn -science
INFSJ_SE  2366-2369 # S w/ T w/o crt or mj/mn -spec ed
INFSJ_SO  2370-2373 # S w/ T w/o crt or mj/mn-soc st
INFSJ_VO  2374-2377 # S w/ T w/o crt or mj/mn -voc ed
INFSJSCH  2378-2381 # s w/ t w/o crt or mj/mn-chem
INFSJSEA  2382-2385 # s w/ t w/o crt or mj/mn-earth sc
INFSJSEL  2386-2389 # S w/ T w/o crt or mj/mn-el ed,not K
INFSJSHI  2390-2393 # S w/ T w/o crt or mj/mn --hist
INFSJSHL  2394-2397 # S w/ T w/o crt or mj/mn -hlth
INFSJSKI  2398-2401 # S w/ T w/o crt or mj/mn --kinder
INFSJSLI  2402-2405 # S w/ T w/o crt or mj/mn -life sc
INFSJSPE  2406-2409 # S w/ T w/o crt or mj/mn -phys ed
INFSJSPH  2410-2413 # S w/ T w/o crt or mj/mn -physics
INFSJSPS  2414-2417 # S w/ T w/o crt or mj/mn -phys sc
INFSK_AM  2418-2421 # S taught (for o-o-f) -arts/music
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INFSK_CM  2422-2425  # S taught (for o-o-f) -comp sc
INFSK_EL  2426-2429  # S taught (for o-o-f) -el ed
INFSK_EN  2430-2433  # S taught (for o-o-f) -English
INFSK_ES  2434-2437  # S taught (for o-o-f) -ESL
INFSK_FL  2438-2441  # S taught (for o-o-f) -for lang
INFSK_MA  2442-2445  # S taught (for o-o-f) -math
INFSK_PE  2446-2449  # S taught (for o-o-f) -phys/hlth
INFSK_SC  2450-2453  # S taught (for o-o-f) -science
INFSK_SE  2454-2457  # S taught (for o-o-f) -spec ed
INFSK_SO  2458-2461  # S taught (for o-o-f)-soc st
INFSK_VO  2462-2465  # S taught (for o-o-f) -voc ed
INFSKSCH  2466-2469  # s taught (for o-o-f)- chem
INFSKSEA  2470-2473  # s taught (for o-o-f)-earth sc
INFSKSEL  2474-2477  # S taught (for o-o-f)-el ed,not K
INFSKSHI  2478-2481  # S taught (for o-o-f)--hist
INFSKSHL  2482-2485  # S taught (for o-o-f) -hlth
INFSKSKI  2486-2489  # S taught (for o-o-f) --kinder
INFSKSLI  2490-2493  # S taught (for o-o-f) -life sc
INFSKSPE  2494-2497  # S taught (for o-o-f) -phys ed
INFSKSPH  2498-2501  # S taught (for o-o-f) -physics
INFSKSPS  2502-2505  # S taught (for o-o-f) -phys sc
LEP_T     837-842    Percent students with LEP
MGMNT_T   910-911    Perception of sch management
MINENR    653-654    Percent minority students
MINTCH    655-656    Percent minority teachers
NAIS_MEM  643-644    School belongs to NAIS
NEWTCH    667-668    New teacher flag
NUMTCH    657-658    Estimated number of FTE teachers
PGMTYPE   649-650    School program type
PLAN      843-848    Percent of time for planning
PUPILS_D  827-830    Number of students - departmentalized
PUPILS_S  825-826    Number of students - self-contained
RACETH_T  920-921    Teacher race/ethnicity
REGION    19-20      Census Region
RELIG     641-642    3-level affiliation code
SBKGD_T   914-915    Perception of prob background
SCHLEVEL  647-648    School Level (3 categories)
SDLQ_T    912-913    Perception of student delinquency
SECTOR    15-16      School sector
STU_AR    940-942    Num students-art/music
STU_CS    943-945    Num students-computer science
STU_ENG   946-948    Num students-English
STU_FL    949-951    Num students-foreign language
STU_MAT   952-954    Num students-math
STU_NS    955-957    Num students-natural science
STU_SO    958-960    Num students-social studies
STU_TCH   659-664    Estimated student-teacher ratio
STU_VT    961-963    Num students - vo-tech
SURVEY    13-14      Survey identifier
T0051     21-22      Main assignment
T0053     23-24      Teach any classes
T0054     25-26      Full-time or part-time
T0059     27-28      MAIN activity LAST yr
T0060     29-30      Had job outside education
T0061     31-33      Occupation code
T0062     34-35      Also teaching
T0063     36-37      Type of tchr last year
T0064     38-41      Yr began teaching in this sch
T0065     42-43      Yrs tching FT in private schls
T0066     44-45      Yrs tching PT in private schls
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T0067      46-47      Ever taught in public schls
T0068      48-49      Yrs tching FT in public schls
T0069      50-51      Yrs tching PT in public schls
T0070      52-53      Has bach degree
T0071      54-55      Yr of bach degree
T0072      56-57      Field for bach degree-code
T0073      58-59      Had second field-bach degree
T0074      60-61      Second field for bach degree-code
T0075      62-63      Had minor field-bach degree
T0076      64-65      Minor field for bach degree-code
T0080      66-67      Has masters degree
T0081      68-69      Field for masters degree-code
T0082      70-71      Yr of masters degree
T0083      72-73      Has other degree
T0084      74-75      Has associate degree
T0085      76-77      Associate deg-field code
T0086      78-79      Associate deg-year
T0087      80-81      Has 2nd bach degree
T0088      82-83      2nd bach deg-field code
T0089      84-85      2nd bach deg-year
T0090      86-87      Has 2nd masters deg
T0091      88-89      2nd masters deg-field code
T0092      90-91      2nd masters deg-year
T0093      92-93      Has ed spec degree
T0094      94-95      Ed spec deg-field code
T0095      96-97      Ed spec deg-year
T0096      98-99      Has adv grad cert
T0097      100-101    Adv grad cert-field code
T0098      102-103    Adv grad cert-year
T0099      104-105    Has PhD
T0100      106-107    PhD-field code
T0101      108-109    PhD-year
T0102      110-111    Assignmnt field-code
T0103      112-113    Cert-main field
T0104      114-115    Cert type-main field
T0105      116-117    Entry in item 13b
T0106      118-119    Cert earned-main field
T0107      120-121    In certification program
T0108      122-123    Desc of cert program
T0109      124-125    Teach in second field
T0110      126-127    Second field-code
T0111      128-129    Cert-second field
T0112      130-131    Cert type-sec field
T0113      132-133    Cert-other field
T0114      134-135    Oth cert code 1
T0115      136-137    Oth cert code 2
T0116      138-139    Oth cert code 3
T0117      140-141    Oth cert code 4
T0118      142-143    Oth cert code 5
T0119      144-145    Oth cert code 6
T0120      146-147    Same/diff last yr
T0121      148-149    Field last year-code
T0122      150-151    Yr first began teaching
T0123      152-153    Began tchng before 95-96
T0124      154-155    Tchr prep prog-material selection
T0125      156-157    Tchr prep prog-learning theory
T0126      158-159    Tchr prep prog-observation
T0127      160-161    Tchr prep prog-feedback
T0128      162-163    Practice tching
T0129      164-165    1st yr-classrm mngmnt
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T0130      166-167    1st yr-instr methods
T0131      168-169    1st yr-subj matter
T0132      170-171    1st yr-technology
T0133      172-173    1st yr-plan lessons
T0134      174-175    1st yr-assess students
T0135      176-177    1st yr-select materials
T0136      178-179    1st yr-induction prog
T0137      180-181    1st yr-reduced sched
T0138      182-183    1st yr-reduced prep
T0139      184-185    1st yr-common planning
T0140      186-187    1st yr-seminars
T0141      188-189    1st yr-extra help
T0142      190-191    1st yr-supportive comm
T0143      192-193    1st yr-extracurricular
T0144      194-195    1st yr-more than 1 sch
T0145      196-197    1st yr-admin duties
T0146      198-199    1st yr-discplne prob class
T0147      200-201    1st yr-mentor
T0148      202-203    1st yr-mentor same subj
T0149      204-205    1st yr-mentor-instr methods
T0150      206-207    Univ courses-cert
T0151      208-209    Univ courses-other
T0152      210-211    Observational visits
T0153      212-213    Research
T0154      214-215    Formal collaboration
T0155      216-217    Mentoring
T0156      218-219    Teacher network
T0157      220-221    Workshops-attended
T0158      222-223    Workshops-presenter
T0159      224-225    Prof dev-in-depth study
T0160      226-227    Prof dev-in-depth study-hrs
T0161      228-229    Prof dev-in-depth study-impact
T0162      230-231    Prof dev-standards
T0163      232-233    Prof dev-standards-hours
T0164      234-235    Prof dev-standards-impact
T0165      236-237    Prof dev-methods of tchng
T0166      238-239    Prof dev-methods-hours
T0167      240-241    Prof dev-methods-impact
T0168      242-243    Prof dev-ed tech
T0169      244-245    Prof dev-ed tech-hours
T0170      246-247    Prof dev-ed tech-impact
T0171      248-249    Prof dev- stu assessment
T0172      250-251    Prof dev-assessmnt-hours
T0173      252-253    Prof dev-assessmnt-impact
T0174      254-255    Prof dev-discipline
T0175      256-257    Prof dev-discipline-hours
T0176      258-259    Prof dev-discipline-impact
T0177      260-261    Prof dev-other
T0178      262-263    How useful-all prof dev
T0179      264-265    Release time
T0180      266-267    Scheduled time
T0181      268-269    Stipend
T0182      270-271    Reimbursement for tuition
T0183      272-273    Reimbursement-fees
T0184      274-275    Reimbursement-expenses
T0185      276-277    Rewards-cert credits
T0186      278-279    Rewards-pay increase
T0187      280-281    Rewards-recognition
T0188      282-283    Prof dev-priority1
T0189      284-285    Prof dev-priority2
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T0190      286-287   Prof dev-priority3
T0191      288-289   Teaches ungraded
T0192      290-291   Teaches PK
T0193      292-293   Teaches K
T0194      294-295   Teaches 1st
T0195      296-297   Teaches 2nd
T0196      298-299   Teaches 3rd
T0197      300-301   Teaches 4th
T0198      302-303   Teaches 5th
T0199      304-305   Teaches 6th
T0200      306-307   Teaches 7th
T0201      308-309   Teaches 8th
T0202      310-311   Teaches 9th
T0203      312-313   Teaches 10th
T0204      314-315   Teaches 11th
T0205      316-317   Teaches 12th
T0206      318-319   Class organization
T0207      320-321   Entry in item 34a
T0208      322-323   Number of students
T0209      324-325   Hrs tching English
T0210      326-327   Hrs tching math
T0211      328-329   Hrs tching soc studies
T0212      330-331   Hrs tching science
T0213      332-333   Number of classes
T0214      334-335   Class1 subj-code
T0215      336-338   Class1-enrollment
T0216      339-340   Class2 subj-code
T0217      341-343   Class2-enrollment
T0218      344-345   Class3 subj-code
T0219      346-348   Class3-enrollment
T0220      349-350   Class4 subj-code
T0221      351-353   Class4-enrollment
T0222      354-355   Class5 subj-code
T0223      356-358   Class5-enrollment
T0224      359-360   Class6 subj-code
T0225      361-363   Class6-enrollment
T0226      364-365   Class7 subj-code
T0227      366-368   Class7-enrollment
T0228      369-370   Class8 subj-code
T0229      371-373   Class8-enrollment
T0230      374-375   Class9 subj-code
T0231      376-378   Class9-enrollment
T0232      379-380   Class10 subj-code
T0233      381-383   Class10-enrollment
T0234      384-385   Class11 subj-code
T0235      386-388   Class11-enrollment
T0236      389-390   Class12 subj-code
T0237      391-393   Class12-enrollment
T0238      394-395   Class13 subj-code
T0239      396-398   Class13-enrollment
T0240      399-400   Class14 subj-code
T0241      401-403   Class14-enrollment
T0242      404-405   Class15 subj-code
T0243      406-408   Class15-enrollment
T0244      409-411   IEP students
T0245      412-413   IEP-special aide
T0246      414-415   IEP-consulting tchr
T0247      416-417   IEP-accommodations
T0248      418-419   IEP-training
T0249      420-422   LEP students
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T0250      423-424    LEP-training
T0251      425-426    Title I teacher
T0252      427-428    Standards guide practice
T0253      429-430    Uses classroom groups
T0254      431-432    Assigned to classes by ability
T0255      433-434    Rcve achvmnt test scores
T0256      435-436    Use scores-groups
T0257      437-438    Use scores-assess areas
T0258      439-440    Use scores-adjust curriculum
T0259      441-442    Students use computers
T0260      443-444    Main assgnmnt-stu use computers
T0261      445-446    Des class-number of computers
T0262      447-448    Des class-computers with internet access
T0263      449-450    Des class-meetings
T0264      451-452    Des class-when computers used
T0265      453-454    Use computer-obtain info
T0266      455-456    Use computer-practice skills
T0267      457-458    Use computer-solve problems
T0268      459-460    Use computer-collaboration
T0269      461-462    Use computer-produce multimedia
T0270      463-464    Use computer-word procsng
T0271      465-466    Use computer-software reward
T0272      467-468    Use computer-other
T0273      469-470    Hours in school/wk
T0274      471-472    Planning hours
T0275      473-474    Planning minutes
T0276      475-476    Outside hrs-w/students
T0277      477-478    Outside hrs-oth sch activities
T0278      479-480    Tardy students
T0279      481-482    Interruptions
T0280      483-484    Ever threatened
T0281      485-486    Threatened past 12 months
T0282      487-488    No. of threats
T0283      489-490    Ever attacked
T0284      491-492    Attacked past 12 months
T0285      493-494    No. of attacks
T0286      495-496    Influence-performance standards
T0287      497-498    Influence-curriculum
T0288      499-500    Influence-prof dev content
T0289      501-502    Influence-tchr evaluation
T0290      503-504    Influence-tchr hiring
T0291      505-506    Influence-discipline
T0292      507-508    Influence-sch budget
T0293      509-510    Control-selecting materials
T0294      511-512    Control-selecting content
T0295      513-514    Control-selecting technique
T0296      515-516    Control-eval students
T0297      517-518    Control-discipline
T0298      519-520    Control-homework
T0299      521-522    Agree-princ com expec
T0300      523-524    Agree-admin supportive
T0301      525-526    Agree-satisfied w/salary
T0302      527-528    Agree-misbehavior interferes
T0303      529-530    Agree-parent support
T0304      531-532    Agree-adequate materials
T0305      533-534    Agree-oth duties interfere
T0306      535-536    Agree-princ enforces discipline
T0307      537-538    Agree-princ dis practices
T0308      539-540    Agree-tchrs enf rules
T0309      541-542    Agree-colleagues share beliefs
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T0310      543-544   Agree-princ-sch kind
T0311      545-546   Agree-staff cooperation
T0312      547-548   Agree-staff recognized
T0313      549-550   Agree-job security
T0314      551-552   Agree-spec needs stu
T0315      553-554   Agree-satisfied class sz
T0316      555-556   Agree-coordinate content
T0317      557-558   Agree-tardiness interferes
T0318      559-560   Agree-waste of time
T0319      561-562   Agree-plan w/librarian
T0320      563-564   Agree-generally satisfied
T0321      565-566   Problem-student tardiness
T0322      567-568   Problem-student absenteeism
T0323      569-570   Problem- tchr absenteeism
T0324      571-572   Problem-class cutting
T0325      573-574   Problem-phys conflicts
T0326      575-576   Problem-theft
T0327      577-578   Problem-vandalism
T0328      579-580   Problem-student pregnancy
T0329      581-582   Problem-alcohol use
T0330      583-584   Problem-drug abuse
T0331      585-586   Problem-weapons
T0332      587-588   Problem-disrespect for tchrs
T0333      589-590   Problem-drop outs
T0334      591-592   Problem-student apathy
T0335      593-594   Problem-parental involvement
T0336      595-596   Problem-poverty
T0337      597-598   Problem-unprepared students
T0338      599-600   Problem-student health
T0339      601-602   Would be a tchr
T0340      603-604   Remain in tchng
T0341      605-606   Summer- rec tchr pay
T0342      607-608   Summer-amount tchr pay
T0343      609-610   Summer-rec oth pay from sch
T0344      611-612   Summer-amount oth sch pay
T0345      613-614   Summer-rec nonsch pay
T0346      615-616   Summer-amount nonsch pay
T0347      617-618   Sch yr-amount tchr pay
T0348      619-620   Sch yr-rec oth sch pay
T0349      621-622   Sch yr-amount oth sch pay
T0350      623-624   Sch yr-rec sch bonus
T0351      625-626   Sch yr-amount sch bonus
T0352      627-628   Sch yr-rec outside pay
T0353      629-630   Sch yr-amount outside pay
T0354      631-632   Sch yr-outside job
T0356      635-636   Gender
T0357      637-638   Race
T0359      639-640   Hispanic
T0363      633-634   Contributed service
TEALEV     2506-2507 Teacher Level (for o-o-f calcs)
TEALEV2    2508-2509 Teacher level (elem/sec)
THREAT     906-907   Student threats, ever, past 12 mos
TOTEXPER   665-666   Total teaching experience
TRDY       849-854   Percent of students tardy
TSUBJ_01   673-674   Taught accounting class
TSUBJ_02   675-676   Taught agriculture class
TSUBJ_03   677-678   Taught business class
TSUBJ_04   679-680   Taught career education class
TSUBJ_05   681-682   Taught child care class
TSUBJ_06   683-684   Taught communications technology class
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TSUBJ_07  685-686   Taught cosmetology class
TSUBJ_08  687-688   Taught food services class
TSUBJ_09  689-690   Taught health occupations class
TSUBJ_10  691-692   Taught keyboarding class
TSUBJ_11  693-694   Taught trades & industry class
TSUBJ_12  695-696   Taught family/consumer sci class
TSUBJ_13  697-698   Taught other vo-tech class
TSUBJ_14  699-700   Taught literature class
TSUBJ_15  701-702   Taught writing class
TSUBJ_16  703-704   Taught ESL class
TSUBJ_17  705-706   Taught reading class
TSUBJ_18  707-708   Taught other English class
TSUBJ_19  709-710   Taught French class
TSUBJ_20  711-712   Taught German class
TSUBJ_21  713-714   Taught Latin class
TSUBJ_22  715-716   Taught Russian class
TSUBJ_23  717-718   Taught Spanish class
TSUBJ_24  719-720   Taught other language class
TSUBJ_25  721-722   Taught elementary algebra class
TSUBJ_26  723-724   Taught intermed algebra class
TSUBJ_27  725-726   Taught advanced algebra class
TSUBJ_28  727-728   Taught analytic geometry class
TSUBJ_29  729-730   Taught basic math class
TSUBJ_30  731-732   Taught business math class
TSUBJ_31  733-734   Taught calculus class
TSUBJ_32  735-736   Taught geometry class
TSUBJ_33  737-738   Taught integrated math class
TSUBJ_34  739-740   Taught pre-algebra class
TSUBJ_35  741-742   Taught pre-calculus class
TSUBJ_36  743-744   Taught statistics class
TSUBJ_37  745-746   Taught trigonometry class
TSUBJ_38  747-748   Taught other math class
TSUBJ_39  749-750   Taught comp awareness/applications class
TSUBJ_40  751-752   Taught comp programming class
TSUBJ_41  753-754   Taught other computer science class
TSUBJ_42  755-756   Taught biology or life science class
TSUBJ_43  757-758   Taught chemistry class
TSUBJ_44  759-760   Taught integrated science class
TSUBJ_45  761-762   Taught geology class
TSUBJ_46  763-764   Taught physics class
TSUBJ_47  765-766   Taught other physical science class
TSUBJ_48  767-768   Taught other natural science class
TSUBJ_49  769-770   Taught social studies class
TSUBJ_50  771-772   Taught civics class
TSUBJ_51  773-774   Taught economics class
TSUBJ_52  775-776   Taught geography class
TSUBJ_53  777-778   Taught history class
TSUBJ_54  779-780   Taught poli sci/government class
TSUBJ_55  781-782   Taught psychology class
TSUBJ_56  783-784   Taught sociology class
TSUBJ_57  785-786   Taught world civilization class
TSUBJ_58  787-788   Taught other social science class
TSUBJ_59  789-790   Taught arts and crafts class
TSUBJ_60  791-792   Taught filmmaking and photography class
TSUBJ_61  793-794   Taught chorus class
TSUBJ_62  795-796   Taught band class
TSUBJ_63  797-798   Taught drama/theater/dance class
TSUBJ_64  799-800   Taught music class
TSUBJ_65  801-802   Taught oth visual/performing arts class
TSUBJ_66  803-804   Taught driver education class
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TSUBJ_67   805-806   Taught health education class
TSUBJ_68   807-808   Taught home economics class
TSUBJ_69   809-810   Taught philosophy class
TSUBJ_70   811-812   Taught physical education class
TSUBJ_71   813-814   Taught religion class
TSUBJ_72   815-816   Taught other courses
TUITIN     651-652   Highest tuition
URBANIC    17-18     Urbanicity of school
YRTCHSC    669-670   Number of years at current school
CNTLNUM    1-6       Teacher control number
SCHCNTL    7-12      School control number
TFNLWGT    2510-2518 Teacher final weight
TREPWT1    2519-2527 Teacher final replicate weight 1
TREPWT10   2600-2608 Teacher final replicate weight 10
TREPWT11   2609-2617 Teacher final replicate weight 11
TREPWT12   2618-2626 Teacher final replicate weight 12
TREPWT13   2627-2635 Teacher final replicate weight 13
TREPWT14   2636-2644 Teacher final replicate weight 14
TREPWT15   2645-2653 Teacher final replicate weight 15
TREPWT16   2654-2662 Teacher final replicate weight 16
TREPWT17   2663-2671 Teacher final replicate weight 17
TREPWT18   2672-2680 Teacher final replicate weight 18
TREPWT19   2681-2689 Teacher final replicate weight 19
TREPWT2    2528-2536 Teacher final replicate weight 2
TREPWT20   2690-2698 Teacher final replicate weight 20
TREPWT21   2699-2707 Teacher final replicate weight 21
TREPWT22   2708-2716 Teacher final replicate weight 22
TREPWT23   2717-2725 Teacher final replicate weight 23
TREPWT24   2726-2734 Teacher final replicate weight 24
TREPWT25   2735-2743 Teacher final replicate weight 25
TREPWT26   2744-2752 Teacher final replicate weight 26
TREPWT27   2753-2761 Teacher final replicate weight 27
TREPWT28   2762-2770 Teacher final replicate weight 28
TREPWT29   2771-2779 Teacher final replicate weight 29
TREPWT3    2537-2545 Teacher final replicate weight 3
TREPWT30   2780-2788 Teacher final replicate weight 30
TREPWT31   2789-2797 Teacher final replicate weight 31
TREPWT32   2798-2806 Teacher final replicate weight 32
TREPWT33   2807-2815 Teacher final replicate weight 33
TREPWT34   2816-2824 Teacher final replicate weight 34
TREPWT35   2825-2833 Teacher final replicate weight 35
TREPWT36   2834-2842 Teacher final replicate weight 36
TREPWT37   2843-2851 Teacher final replicate weight 37
TREPWT38   2852-2860 Teacher final replicate weight 38
TREPWT39   2861-2869 Teacher final replicate weight 39
TREPWT4    2546-2554 Teacher final replicate weight 4
TREPWT40   2870-2878 Teacher final replicate weight 40
TREPWT41   2879-2887 Teacher final replicate weight 41
TREPWT42   2888-2896 Teacher final replicate weight 42
TREPWT43   2897-2905 Teacher final replicate weight 43
TREPWT44   2906-2914 Teacher final replicate weight 44
TREPWT45   2915-2923 Teacher final replicate weight 45
TREPWT46   2924-2932 Teacher final replicate weight 46
TREPWT47   2933-2941 Teacher final replicate weight 47
TREPWT48   2942-2950 Teacher final replicate weight 48
TREPWT49   2951-2959 Teacher final replicate weight 49
TREPWT5    2555-2563 Teacher final replicate weight 5
TREPWT50   2960-2968 Teacher final replicate weight 50
TREPWT51   2969-2977 Teacher final replicate weight 51
TREPWT52   2978-2986 Teacher final replicate weight 52
```

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TREPWT53  2987-2995 Teacher final replicate weight 53
TREPWT54  2996-3004 Teacher final replicate weight 54
TREPWT55  3005-3013 Teacher final replicate weight 55
TREPWT56  3014-3022 Teacher final replicate weight 56
TREPWT57  3023-3031 Teacher final replicate weight 57
TREPWT58  3032-3040 Teacher final replicate weight 58
TREPWT59  3041-3049 Teacher final replicate weight 59
TREPWT6   2564-2572 Teacher final replicate weight 6
TREPWT60  3050-3058 Teacher final replicate weight 60
TREPWT61  3059-3067 Teacher final replicate weight 61
TREPWT62  3068-3076 Teacher final replicate weight 62
TREPWT63  3077-3085 Teacher final replicate weight 63
TREPWT64  3086-3094 Teacher final replicate weight 64
TREPWT65  3095-3103 Teacher final replicate weight 65
TREPWT66  3104-3112 Teacher final replicate weight 66
TREPWT67  3113-3121 Teacher final replicate weight 67
TREPWT68  3122-3130 Teacher final replicate weight 68
TREPWT69  3131-3139 Teacher final replicate weight 69
TREPWT7   2573-2581 Teacher final replicate weight 7
TREPWT70  3140-3148 Teacher final replicate weight 70
TREPWT71  3149-3157 Teacher final replicate weight 71
TREPWT72  3158-3166 Teacher final replicate weight 72
TREPWT73  3167-3175 Teacher final replicate weight 73
TREPWT74  3176-3184 Teacher final replicate weight 74
TREPWT75  3185-3193 Teacher final replicate weight 75
TREPWT76  3194-3202 Teacher final replicate weight 76
TREPWT77  3203-3211 Teacher final replicate weight 77
TREPWT78  3212-3220 Teacher final replicate weight 78
TREPWT79  3221-3229 Teacher final replicate weight 79
TREPWT8   2582-2590 Teacher final replicate weight 8
TREPWT80  3230-3238 Teacher final replicate weight 80
TREPWT81  3239-3247 Teacher final replicate weight 81
TREPWT82  3248-3256 Teacher final replicate weight 82
TREPWT83  3257-3265 Teacher final replicate weight 83
TREPWT84  3266-3274 Teacher final replicate weight 84
TREPWT85  3275-3283 Teacher final replicate weight 85
TREPWT86  3284-3292 Teacher final replicate weight 86
TREPWT87  3293-3301 Teacher final replicate weight 87
TREPWT88  3302-3310 Teacher final replicate weight 88
TREPWT9   2591-2599 Teacher final replicate weight 9

/* Variable Value Labels */
T0172
   1 = "8 hours or less"
   2 = "9-16 hours"
   3 = "17-32 hours"
   4 = "33 hours or more"
  -8 = "Valid skip"
F_T0064
   0 = "Not imputed"
F_T0097
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0275
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0159
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0266
```

23

```
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0317
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0142
    1 = "Yes"
    2 = "No"
   -8 = "Valid skip"
TSUBJ_08
    1 = "Taught at least one food services class"
    2 = "Did not teach any food services classes"
   -8 = "Valid skip"
URBANIC
    1 = "Large or mid-size central city"
    2 = "Urban fringe of large or mid-size city"
    3 = "Small town/Rural"
F_T0245
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
T0301
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
T0179
    1 = "Yes"
    2 = "No"
F_T0332
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0351
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0126
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0210
    0 = "Not imputed"
    1 = "Original value was ratio adjusted"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
F_T0228
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    8 = "Value was imputed by hand (clerical)"
INF_M_VO
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
   -8 = "Valid skip"
INFA_VO
```

```
   1 = "Yes"
   2 = "No"
  -8 = "Valid skip"
T0204
   1 = "11th"
  -8 = "Valid skip"
INFCE_SO
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
INFCI_CM
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
T0330
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
F_T0320
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCH_FL
   0 = "Teacher was out-of-field"
```

```
      -8 = "Valid skip"
TSUBJ_14
    1 = "Taught at least one literature class"
    2 = "Did not teach any literature classes"
    -8 = "Valid skip"
F_T0176
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0218
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    8 = "Value was imputed by hand (clerical)"
F_T0342
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCISLI
    0 = "Teacher was out-of-field"
```

```
      -8 = "Valid skip"
T0098
    1 = "1979 or earlier"
    2 = "1980 to 1989"
    3 = "1990 to 1995"
    4 = "1996 to 2000"
    -8 = "Valid skip"
F_T0061
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
INFCG_CM
    0 = "Teacher was out-of-field"
```

```
      -8 = "Valid skip"
T0200
    1 = "7th"
    -8 = "Valid skip"
T0340
    1 = "As long as I am able"
    2 = "Until I am eligible for retirement"
    3 = "Will probably continue unless something better comes along"
```

```
    4 = "Definitely plan to leave teaching as soon as I can"
    5 = "Undecided at this time"
RACETH_T
    1 = "American Indian or Alaska Native, non-Hispanic"
    2 = "Asian or Pacific Islander, non-Hispanic"
    3 = "Black, non-Hispanic"
    4 = "White, non-Hispanic"
    5 = "Hispanic, regardless of race"
T0298
    1 = "No control"



    5 = "Complete control"
TSUBJ_41
    1 = "Taught at least one class of other computer science"
    2 = "Did not teach any classes of other computer science"
   -8 = "Valid skip"
F_T0132
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
F_T0165
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCG_FL
    0 = "Teacher was out-of-field"



   -8 = "Valid skip"
INFCB_SO
    0 = "Teacher was out-of-field"



   -8 = "Valid skip"
F_T0197
    0 = "Not imputed"
    8 = "Value was imputed by hand (clerical)"
T0188
```

   1 = "Student discipline and behavior problems"
   2 = "Teaching students with special needs (e.g., limited-English proficient, special
   education)"
   3 = "Use of technology in instruction"
   4 = "My main subject field"
   5 = "Content and performance standards in my subject area"
   6 = "Methods of teaching"
   7 = "Student assessment"
F_T0248
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0294
   1 = "No control"

   5 = "Complete control"
INF_M_FL
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
  -8 = "Valid skip"
F_T0314
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_MSEL
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
  -8 = "Valid skip"
INFCE_MA
   0 = "Teacher was out-of-field"

  -8 = "Valid skip"
INFCKSPH

  -8 = "Valid skip"

INFE_AM
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
T0080
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0145
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0257
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0350
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCA_MA

   -8 = "Valid skip"
INFCF_CM
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
TSUBJ_58
   1 = "Taught at least one class of other social science"
   2 = "Did not teach any classes of other social science"
   -8 = "Valid skip"
T0136
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0203
   0 = "Not imputed"
INFCK_SO

```
   -8 = "Valid skip"
T0317
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
T0342
   1 = "Less than $1,000"
   2 = "$1,000 to $1,999"
   3 = "$2,000 to $3,999"
   4 = "$4,000 or more"
   -8 = "Valid skip"
INFCCSPE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0155
   1 = "Yes"
   2 = "No"
T0192
   1 = "Prekindergarten"
   -8 = "Valid skip"
INFCFSPE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0133
   1 = "Not at all prepared"
   2 = "Somewhat prepared"
   3 = "Well prepared"
   4 = "Very well prepared"
   -8 = "Valid skip"
F_T0112
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0287
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0242
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_T0354
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0325
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
INFB_AM
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INFCK_CM
```

```
   -8 = "Valid skip"
T0259
   1 = "Yes"
   2 = "No"
T0306
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
F_T0069
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
```

```
      7 = "Value was imputed by using data from the record for a similar case (donor)"
      8 = "Value was imputed by hand (clerical)"
   T0164
      1 = "Not useful at all"



      5 = "Very useful"
     -8 = "Valid skip"
   T0251
      1 = "Yes"
      2 = "No"
   F_T0154
      0 = "Not imputed"
      2 = "Value was imputed by using data from other variables in same record"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
   F_T0094
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
   INF_M_SC
      0 = "No regular certification or major or minor"
      1 = "No regular certification, no major, yes minor"
      2 = "No regular certification, yes major, no minor"
      3 = "No regular certification, both major and minor"
      4 = "Regular certification, no major or minor"
      5 = "Regular certification, no major, yes minor"
      6 = "Regular certification and major, no minor"
      7 = "Regular certification and major and minor"
     -8 = "Valid skip"
   T0353
      1 = "Less than $1,000"
      2 = "$1,000 to $2,999"
      3 = "$3,000 to $5,999"
      4 = "$6,000 or more"
     -8 = "Valid skip"
   F_T0107
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
   T0062
      1 = "Yes"
      2 = "No"
     -8 = "Valid skip"
   TSUBJ_16
      1 = "Taught at least one class of English as a Second Language"
      2 = "Did not teach any classes of English as a Second Language"
     -8 = "Valid skip"
   F_T0233
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
      8 = "Value was imputed by hand (clerical)"
   INFB_VO
      1 = "Yes"
      2 = "No"
     -8 = "Valid skip"
   F_T0179
      0 = "Not imputed"
      2 = "Value was imputed by using data from other variables in same record"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
   F_T0333
      0 = "Not imputed"
```

      7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCD_ES
      0 = "Teacher was out-of-field"

      -8 = "Valid skip"
INFCD_SC
      0 = "Teacher was out-of-field"

      -8 = "Valid skip"
INFCA_VO
      0 = "Teacher was out-of-field"

      -8 = "Valid skip"
F_T0123
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
      8 = "Value was imputed by hand (clerical)"
INF_A_SE
      0 = "No regular certification or major or minor"
      1 = "No regular certification, no major, yes minor"
      2 = "No regular certification, yes major, no minor"
      3 = "No regular certification, both major and minor"
      4 = "Regular certification, no major or minor"
      5 = "Regular certification, no major, yes minor"
      6 = "Regular certification and major, no minor"
      7 = "Regular certification and major and minor"
      -8 = "Valid skip"
F_T0053
      0 = "Not imputed"
T0149
      1 = "Not at all"

      5 = "To a great extent"
      -8 = "Valid skip"
TSUBJ_62
      1 = "Taught at least one band class"
      2 = "Did not teach any band classes"
      -8 = "Valid skip"
INFCI_AM
      0 = "Teacher was out-of-field"

```
   -8 = "Valid skip"
F_T0073
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
THREAT
   0 = "Never threatened"
   1 = "Threatened, but not in past 12 months"
   2 = "Threatened in past 12 months"
F_T0083
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INFCC_SO
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCD_AM
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCI_MA
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCD_CM
   0 = "Teacher was out-of-field"


   -8 = "Valid skip"
INFCF_PE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INF_A_EL
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
INFCASHL
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
INFCE_SC
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCISHI
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0357
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_45
   1 = "Taught at least one class of geology/earth science/space science"
   2 = "Did not teach any classes of geology/earth science/space science"
   -8 = "Valid skip"
T0252
   1 = "Not at all"
```

```
   5 = "To a great extent"
TSUBJ_22
   1 = "Taught at least one Russian class"
   2 = "Did not teach any Russian classes"
   -8 = "Valid skip"
F_T0308
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCBSPE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0324
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
F_T0277
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
```

F_T0138
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0324
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0067
   1 = "Yes"
   2 = "No"
T0125
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
T0170
   1 = "Not useful at all"

   5 = "Very useful"
   -8 = "Valid skip"
INF_A_MA
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
INFCH_ES
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
T0108
   1 = "University or college program"
   2 = "Program offered by your school or school district"
   3 = "Other"
   -8 = "Valid skip"
T0332
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
INFD_VO
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0174
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCA_EN
   0 = "Teacher was out-of-field"

```
   -8 = "Valid skip"
F_T0238
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_T0294
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0070
   1 = "Yes"
   2 = "No"
T0111
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0157
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0100
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0088
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0205
   0 = "Not imputed"
INFCC_FL
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
SURVEY
   8 = "Private School Teacher"
INFCISPS
   0 = "Teacher was out-of-field"
```

```
      -8 = "Valid skip"
T0148
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0170
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_51
   1 = "Taught at least one economics class"
   2 = "Did not teach any economics classes"
   -8 = "Valid skip"
INFCCSHL
   0 = "Teacher was out-of-field"




      -8 = "Valid skip"
T0186
   1 = "Yes"
   2 = "No"
T0194
   1 = "1st"
   -8 = "Valid skip"
F_T0163
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCDSHL
   0 = "Teacher was out-of-field"




      -8 = "Valid skip"
TSUBJ_66
   1 = "Taught at least one driver education class"
   2 = "Did not teach any driver education classes"
   -8 = "Valid skip"
F_T0072
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0117
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0081
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0156
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0278
   0 = "Not imputed"
```

```
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0207
   1 = "Box 1 or 2"
   2 = "Box 3, 4 or 5"
T0145
   1 = "Yes"
   2 = "No"
  -8 = "Valid skip"
INF_ASKI
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
  -8 = "Valid skip"
INFCHSEA
```

```
  -8 = "Valid skip"
INFH_FL
   1 = "Yes"
   2 = "No"
  -8 = "Valid skip"
F_TO3O5
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCBSPH
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
INFCK_FL
```

```
     -8 = "Valid skip"
F_T0297
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0347
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0264
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INFCK_EN
```

```
     -8 = "Valid skip"
F_T0109
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0126
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INF_ASPH
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
TUITIN
   1 = "Less than $2,000"
   2 = "$2,000 to $2,999"
   3 = "$3,000 to $4,999"
   4 = "$5,000 to $7,999"
   5 = "$8,000 or more"
   -9 "Not available because school was a noninterview"
F_T0129
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0227
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
```

```
     7 = "Value was imputed by using data from the record for a similar case (donor)"
     8 = "Value was imputed by hand (clerical)"
F_TO281
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO301
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCA_SC
     0 = "Teacher was out-of-field"




     -8 = "Valid skip"
INFCD_FL
     0 = "Teacher was out-of-field"




     -8 = "Valid skip"
T0103
     1 = "Yes"
     2 = "No"
INF_A_PE
     0 = "No regular certification or major or minor"
     1 = "No regular certification, no major, yes minor"
     2 = "No regular certification, yes major, no minor"
     3 = "No regular certification, both major and minor"
     4 = "Regular certification, no major or minor"
     5 = "Regular certification, no major, yes minor"
     6 = "Regular certification and major, no minor"
     7 = "Regular certification and major and minor"
     -8 = "Valid skip"
INFCC_AM
     0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
TSUBJ_11
   1 = "Taught at least one class in trades and industry"
   2 = "Did not teach any classes in trades and industry"
   -8 = "Valid skip"
F_T0092
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
F_T0135
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0192
   0 = "Not imputed"
INFCC_CM
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
T0299
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
F_T0168
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCC_VO
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
INFCKSLI




   -8 = "Valid skip"
T0139
   1 = "Yes"
```

```
   2 = "No"
  -8 = "Valid skip"
F_T0118
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0154
   1 = "Yes"
   2 = "No"
T0295
   1 = "No control"



   5 = "Complete control"
TSUBJ_55
   1 = "Taught at least one psychology class"
   2 = "Did not teach any psychology classes"
  -8 = "Valid skip"
F_T0200
   0 = "Not imputed"
   8 = "Value was imputed by hand (clerical)"
F_T0089
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
INF_MSCH
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
  -8 = "Valid skip"
INF_MSPS
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
  -8 = "Valid skip"
T0060
   1 = "Yes"
   2 = "No"
INF_ASPS
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
  -8 = "Valid skip"
INFCJSPE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0191
   1 = "Ungraded"
   -8 = "Valid skip"
INF_ASHI
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
T0181
   1 = "Yes"
   2 = "No"
F_T0319
   0 = "Not imputed"
   3 = "Value was imputed by using data from the record for the teacher's school"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_37
   1 = "Taught at least one trigonometry class"
   2 = "Did not teach any trigonometry classes"
   -8 = "Valid skip"
F_T0115
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0286
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
SECTOR
   B = "Private"
INFE_FL
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0330
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0329
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
TSUBJ_19
   1 = "Taught at least one French class"
   2 = "Did not teach any French classes"
```

```
    -8 = "Valid skip"
INFCDSEA



    -8 = "Valid skip"
INFCF_VO
    O = "Teacher was out-of-field"



    -8 = "Valid skip"
INFCH_VO
    O = "Teacher was out-of-field"



    -8 = "Valid skip"
T0146
    1 = "Yes"
    2 = "No"
    -8 = "Valid skip"
T0322
    1 = "Serious Problem"
    2 = "Moderate Problem"
    3 = "Minor Problem"
    4 = "Not a Problem"
F_T0340
    O = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCB_FL
    O = "Teacher was out-of-field"



    -8 = "Valid skip"
INFCFSHI
    O = "Teacher was out-of-field"
```

```
    -8 = "Valid skip"
F_TO093
   O = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCB_CM
   O = "Teacher was out-of-field"




    -8 = "Valid skip"
INFCB_SC
   O = "Teacher was out-of-field"








    -8 = "Valid skip"
INFCF_EN
   O = "Teacher was out-of-field"







    -8 = "Valid skip"
F_TO232
   O = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
```

INFCB_PE
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
INFCE_EN

    -8 = "Valid skip"
INFCGSPS
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
TO350
    1 = "Yes"
    2 = "No"
F_TO184
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCB_AM
    0 = "Teacher was out-of-field"

```
   -8 = "Valid skip"
T0106
   1 = "As part of a bachelor's degree program"
   2 = "As part of a "5th year" program"
   3 = "As part of a master's degree program"
   4 = "After I began teaching, as part of an alternative program"
   5 = "Before I began teaching, as part of an alternative program"
   6 = "Through continuing professional development"
   7 = "Other"
   -8 = "Valid skip"
T0334
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
F_T0359
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0220
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_T0155
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFF_FL
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INFCASPE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCB_MA
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0090
   1 = "SECOND master's degree"
   -8 = "Valid skip"
F_T0102
   0 = "Not imputed"
   8 = "Value was imputed by hand (clerical)"
T0333
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
TSUBJ_61
   1 = "Taught at least one chorus class"
   2 = "Did not teach any chorus classes"
   -8 = "Valid skip"
F_T0161
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0267
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0184
   1 = "Yes"
   2 = "No"
TSUBJ_24
   1 = "Taught at least one class of other foreign language"
   2 = "Did not teach any classes of other foreign language"
   -8 = "Valid skip"
INFCJ_FL
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
TSUBJ_36
   1 = "Taught at least one statistics and probability class"
   2 = "Did not teach any statistics and probability classes"
   -8 = "Valid skip"
TSUBJ_68
   1 = "Taught at least one nonvocational family and consumer science (home economics) class"
   2 = "Did not teach any nonvocational family and consumer science (home economics) classes"
   -8 = "Valid skip"
```

INFCH_MA
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
F_T0065
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0180
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_21
   1 = "Taught at least one Latin class"
   2 = "Did not teach any Latin classes"
   -8 = "Valid skip"
INFCJ_MA
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
T0128
   1 = "I had no practice teaching"
   2 = "4 weeks or less"
   3 = "5-9 weeks"
   4 = "10 weeks or more"
   -8 = "Valid skip"
T0344
   1 = "Less than $1,000"
   2 = "$1,000 to $1,999"
   3 = "$2,000 to $3,999"
   4 = "$4,000 or more"
   -8 = "Valid skip"
T0143
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
TSUBJ_70

```
    1 = "Taught at least one physical education class"
    2 = "Did not teach any physical education classes"
    -8 = "Valid skip"
F_T0272
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0345
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
INF_ASHL
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    -8 = "Valid skip"
INFCF_FL
    0 = "Teacher was out-of-field"
```

```
    -8 = "Valid skip"
TSUBJ_31
    1 = "Taught at least one calculus class"
    2 = "Did not teach any calculus classes"
    -8 = "Valid skip"
INFA_AM
    1 = "Yes"
    2 = "No"
    -8 = "Valid skip"
INFCKSHI
```

```
    -8 = "Valid skip"
F_T0137
```

     0 = "Not imputed"
     2 = "Value was imputed by using data from other variables in same record"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0127
     0 = "Not imputed"
     2 = "Value was imputed by using data from other variables in same record"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
T0159
     1 = "Yes"
     2 = "No"
T0059
     1 = "Teaching in this school"
     3 = "Teaching in another private elementary or secondary school   IN THIS STATE"
     4 = "Teaching in a private elementary or secondary school in ANOTHER STATE"
     5 = "Teaching in a PUBLIC elementary or secondary school"
     6 = "Student at a college or university"
     7 = "Teaching in a preschool"
     8 = "Teaching at a college or university"
     9 = "Working in a position in the field of education, but not as a teacher"
     10 = "Working in an occupation outside the field of education"
     11 = "Caring for family members"
     12 = "Military service"
     13 = "Unemployed and seeking work"
     14 = "Retired from another job"
     15 = "Other"
T0099
     1 = "Doctorate or first professional degree (Ph.D., Ed.D., M.D., L.L.B., J.D., D.D.S.)"
     -8 = "Valid skip"
INFCA_AM
     0 = "Teacher was out-of-field"

     -8 = "Valid skip"
F_T0213
     0 = "Not imputed"
     2 = "Value was imputed by using data from other variables in same record"
     8 = "Value was imputed by hand (clerical)"
F_T0225
     0 = "Not imputed"
     2 = "Value was imputed by using data from other variables in same record"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
     8 = "Value was imputed by hand (clerical)"
F_T0292
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
T0297
     1 = "No control"

```
   5 = "Complete control"
F_T0198
   0 = "Not imputed"
   8 = "Value was imputed by hand (clerical)"
INFCD_MA
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
INFCESCH




   -8 = "Valid skip"
INFCFSEA




   -8 = "Valid skip"
T0293
   1 = "No control"


   5 = "Complete control"
TSUBJ_42
   1 = "Taught at least one biology or life science class"
   2 = "Did not teach any biology or life science classes"
   -8 = "Valid skip"
T0169
   1 = "8 hours or less"
   2 = "9-16 hours"
   3 = "17-32 hours"
   4 = "33 hours or more"
   -8 = "Valid skip"
INF_M_PE
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
```

```
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
T0093
   1 = "Educational specialist or professional diploma (at least one year beyond master's level"
   -8 = "Valid skip"
TSUBJ_09
   1 = "Taught at least one health occupations class"
   2 = "Did not teach any health occupations classes"
   -8 = "Valid skip"
F_T0202
   0 = "Not imputed"
INFCESHI
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0312
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
TSUBJ_52
   1 = "Taught at least one geography class"
   2 = "Did not teach any geography classes"
   -8 = "Valid skip"
INFCASHI
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0152
   1 = "Yes"
   2 = "No"
T0197
   1 = "4th"
   -8 = "Valid skip"
F_T0166
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCHSCH
```

```
   -8 = "Valid skip"
```

F_T0116
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_01
    1 = "Taught at least one accounting class"
    2 = "Did not teach any accounting classes"
    -8 = "Valid skip"
F_T0252
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0150
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0264
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0328
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0099
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_M_SO
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    3 = "No regular certification, both major and minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    7 = "Regular certification and major and minor"
    -8 = "Valid skip"
INFCFSPH
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
T0303
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
T0318
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
INFCE_FL
    0 = "Teacher was out-of-field"

```
   -8 = "Valid skip"
INFCFSCH




   -8 = "Valid skip"
T0140
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
T0246
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
T0286
   1 = "No influence"



   5 = "A great deal of influence"
F_T0353
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0086
   1 = "1969 or earlier"
   2 = "1970 to 1979"
   3 = "1980 to 1989"
   4 = "1990 to 1995"
   5 = "1996 to 2000"
   -8 = "Valid skip"
INFC_FL
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INFCESLI
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
INFCJSPS
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
TSUBJ_30
   1 = "Taught at least one business math class"
   2 = "Did not teach any business math classes"
   -8 = "Valid skip"
F_T0290
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCG_PE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0186
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0178
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0247
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0259
   0 = "Not imputed"
   3 = "Value was imputed by using data from the record for the teacher's school"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0280
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0284
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0322
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0348
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCISPH
```

```
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
F_TO338
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_A_CM
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   -8 = "Valid skip"
T0167
   1 = "Not useful at all"




   5 = "Very useful"
   -8 = "Valid skip"
F_TO104
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO226
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
TSUBJ_17
   1 = "Taught at least one reading class"
   2 = "Did not teach any reading classes"
   -8 = "Valid skip"
F_TO216
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_TO269
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCA_CM
   0 = "Teacher was out-of-field"







   -8 = "Valid skip"
```

T0206
    1 = "Departmentalized Instruction - You teach subject matter courses (e.g., biology, history,
    keyboarding) to several classes of different students all or most of the day."
    2 = "Elementary Enrichment Class - You teach only one subject (e.g., art, music, physical
    education, computer skills) in an elementary school."
    3 = "Self-Contained Class - You teach multiple subjects to the same class of students all or
    most of the day."
    4 = "Team Teaching - You collaborate with one or more teachers in teaching multiple subjects
    to the same class of students."
    5 = ""Pull-Out" Class - You provide instruction (e.g., special education, reading) to certain
    students who are released from their regular classes."
F_T0302
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_12
    1 = "Taught at least one class of vocational family and consumer science"
    2 = "Did not teach any classes of vocational family and consumer science"
    -8 = "Valid skip"
INFCJ_EN

    -8 = "Valid skip"
T0292
    1 = "No influence"

    5 = "A great deal of influence"
INF_M_BE
    0 = "No regular certification or major or minor"
    4 = "Regular certification, no major or minor"
    6 = "Regular certification and major, no minor"
    -8 = "Valid skip"
INFCB_ES
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
INFCDSPE
    0 = "Teacher was out-of-field"

```
      -8 = "Valid skip"
F_T0124
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0084
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0134
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
INF_M_EN
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    3 = "No regular certification, both major and minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    7 = "Regular certification and major and minor"
   -8 = "Valid skip"
F_T0076
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_56
    1 = "Taught at least one sociology/social organization class"
    2 = "Did not teach any sociology/social organization classes"
   -8 = "Valid skip"
INFC_AM
    1 = "Yes"
    2 = "No"
   -8 = "Valid skip"
INFCD_EN
    0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INF_MSEA
    0 = "No regular certification or major or minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    6 = "Regular certification and major, no minor"
   -8 = "Valid skip"
T0138
    1 = "Yes"
```

```
    2 = "No"
    -8 = "Valid skip"
F_T0080
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
F_T0316
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0153
    1 = "Yes"
    2 = "No"
T0190
    1 = "Student discipline and behavior problems"
    2 = "Teaching students with special needs (e.g., limited-English proficient, special
    education)"
    3 = "Use of technology in instruction"
    4 = "My main subject field"
    5 = "Content and performance standards in my subject area"
    6 = "Methods of teaching"
    7 = "Student assessment"
INFCESHL
    0 = "Teacher was out-of-field"




    -8 = "Valid skip"
T0315
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
TSUBJ_46
    1 = "Taught at least one physics class"
    2 = "Did not teach any physics classes"
    -8 = "Valid skip"
F_T0356
    0 = "Not imputed"
    8 = "Value was imputed by hand (clerical)"
F_T0183
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_MSHL
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    -8 = "Valid skip"
INFCD_SO
    0 = "Teacher was out-of-field"
```

```
       -8 = "Valid skip"
F_T0096
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0244
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    3 = "Value was imputed by using data from the record for the teacher's school"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
F_T0325
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0053
    1 = "Yes"
   -8 = "Valid skip"
T0177
    1 = "Yes"
    2 = "No"
INFCHSLI




       -8 = "Valid skip"
T0257
    1 = "Not at all"



    5 = "To a great extent"
   -8 = "Valid skip"
T0308
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
F_T0067
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
INFCKSEA




       -8 = "Valid skip"
```

```
T0331
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
F_T0363
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0219
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INFG_FL
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0289
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0140
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0173
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_M_SE
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
T0339
   1 = "Certainly would become a teacher"
   2 = "Probably would become a teacher"
   3 = "Chances about even for and against"
   4 = "Probably would not become a teacher"
   5 = "Certainly would not become a teacher"
F_T0331
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCBSHL
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
INFCE_VO
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0321
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0343
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0085
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0095
   1 = "1979 or earlier"
   2 = "1980 to 1989"
   3 = "1990 to 1995"
   4 = "1996 to 2000"
   -8 = "Valid skip"
T0166
   1 = "8 hours or less"
   2 = "9-16 hours"
   3 = "17-32 hours"
   4 = "33 hours or more"
   -8 = "Valid skip"
F_T0121
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0250
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0271
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
AGE_T
   1 = "Less than 30 years"
   2 = "30 to 39 years"
   3 = "40 to 49 years"
   4 = "50 years or older"
F_T0101
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
INFCJ_ES
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
T0131
   1 = "Not at all prepared"
   2 = "Somewhat prepared"
   3 = "Well prepared"
   4 = "Very well prepared"
   -8 = "Valid skip"
T0189
   1 = "Student discipline and behavior problems"
```

```
     2 = "Teaching students with special needs (e.g., limited-English proficient, special
     education)"
     3 = "Use of technology in instruction"
     4 = "My main subject field"
     5 = "Content and performance standards in my subject area"
     6 = "Methods of teaching"
     7 = "Student assessment"
NAIS_MEM
     1 = "School belonged to NAIS in 1999-2000"
     2 = "School did not belong to NAIS in 1999-2000"
T0199
     1 = "6th"
     -8 = "Valid skip"
F_T0326
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_M_MA
     0 = "No regular certification or major or minor"
     1 = "No regular certification, no major, yes minor"
     2 = "No regular certification, yes major, no minor"
     3 = "No regular certification, both major and minor"
     4 = "Regular certification, no major or minor"
     5 = "Regular certification, no major, yes minor"
     6 = "Regular certification and major, no minor"
     7 = "Regular certification and major and minor"
     -8 = "Valid skip"
INFCF_ES
     0 = "Teacher was out-of-field"




     -8 = "Valid skip"
T0083
     1 = "Yes"
     2 = "No"
TSUBJ_27
     1 = "Taught at least one advanced algebra class"
     2 = "Did not teach any advanced algebra classes"
     -8 = "Valid skip"
F_T0239
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
     8 = "Value was imputed by hand (clerical)"
T0245
     1 = "Yes"
     2 = "No"
     -8 = "Valid skip"
T0305
     1 = "Strongly agree"
     2 = "Somewhat agree"
     3 = "Somewhat disagree"
     4 = "Strongly disagree"
INFCCSLI
```

```
   -8 = "Valid skip"
T0347
   1 = "Less than $20,001"
   2 = "$20,001 to $25,000"
   3 = "$25,001 to $30,000"
   4 = "$30,001 to $35,000"
   5 = "$35,001 or more"
F_T0110
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INFCE_PE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCHSPH
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0311
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCH_AM
   0 = "Teacher was out-of-field"
```

```
     -8 = "Valid skip"
F_T0144
     0 = "Not imputed"
     2 = "Value was imputed by using data from other variables in same record"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
T0158
     1 = "Yes"
     2 = "No"
F_T0070
     0 = "Not imputed"
     2 = "Value was imputed by using data from other variables in same record"
F_T0188
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0224
     0 = "Not imputed"
     2 = "Value was imputed by using data from other variables in same record"
     8 = "Value was imputed by hand (clerical)"
F_T0241
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
     8 = "Value was imputed by hand (clerical)"
INFCESEA



     -8 = "Valid skip"
T0258
     1 = "Not at all"



     5 = "To a great extent"
     -8 = "Valid skip"
TSUBJ_32
     1 = "Taught at least one geometry class"
     2 = "Did not teach any geometry classes"
     -8 = "Valid skip"
T0248
     1 = "Yes"
     2 = "No"
     -8 = "Valid skip"
T0280
     1 = "Yes"
     2 = "No"
TSUBJ_20
     1 = "Taught at least one German class"
     2 = "Did not teach any German classes"
     -8 = "Valid skip"
TSUBJ_71
     1 = "Taught at least one religion class"
     2 = "Did not teach any religion classes"
     -8 = "Valid skip"
INFCC_MA
     0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCE_CM
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
T0054
   1 = "Full time"
   2 = "3/4 time or more, but less than full time"
   3 = "1/2 time or more, but less than 3/4 time"
   4 = "1/4 time or more, but less than 1/2 time"
   5 = "Less than 1/4 time"
   -8 = "Valid skip"
T0084
   1 = "Associate degree"
   -8 = "Valid skip"
F_T0336
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0113
   1 = "Yes"
   2 = "No"
F_T0279
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INF_ASEA
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   -8 = "Valid skip"
INFCDSLI
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
INFCFSLI
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
```

F_T0306
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0176
    1 = "Not useful at all"

    5 = "Very useful"
    -8 = "Valid skip"
T0287
    1 = "No influence"

    5 = "A great deal of influence"
F_T0068
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
F_T0181
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCG_SO
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
INFCJSHL
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
T0127
    1 = "Yes"
    2 = "No"
    -8 = "Valid skip"
T0161
    1 = "Not useful at all"

    5 = "Very useful"

```
   -8 = "Valid skip"
TSUBJ_15
   1 = "Taught at least one class of composition, journalism, or creative writing"
   2 = "Did not teach any classes of composition, journalism, or creative writing"
   -8 = "Valid skip"
T0354
   1 = "Teaching or tutoring"
   2 = "Nonteaching, but related to teaching field"
   3 = "Other"
   -8 = "Valid skip"
TSUBJ_10
   1 = "Taught at least one keyboarding class"
   2 = "Did not teach any keyboarding classes"
   -8 = "Valid skip"
F_T0346
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INFCHSHL
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0172
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0214
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
INFCG_AM
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0074
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0122
   0 = "Not imputed"
```

```
     7 = "Value was imputed by using data from the record for a similar case (donor)"
     8 = "Value was imputed by hand (clerical)"
T0290
     1 = "No influence"



     5 = "A great deal of influence"
RELIG
     1 = "Catholic"
     2 = "Other religious"
     3 = "Nonsectarian"
INFCBSEA




     -8 = "Valid skip"
INFCG_SC
     0 = "Teacher was out-of-field"










     -8 = "Valid skip"
F_T0169
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
NUMTCH
     1 = "Less than 5 teachers"
     2 = "5 to 9 teachers"
     3 = "10 or more teachers"
     -9 "Not available because school was a noninterview"
INFCASPS
     0 = "Teacher was out-of-field"







     -8 = "Valid skip"
INFCKSHL
```

```
   -8 = "Valid skip"
T0151
   1 = "Yes"
   2 = "No"
T0313
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
INFCK_PE
```

```
   -8 = "Valid skip"
F_T0207
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
TSUBJ_72
   1 = "Taught at least one class of other courses not elsewhere classified"
   2 = "Did not teach any classes of other courses not elsewhere classified"
   -8 = "Valid skip"
F_T0263
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0318
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_04
   1 = "Taught at least one career education class"
   2 = "Did not teach any career education classes"
   -8 = "Valid skip"
INFCDSPS
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0132
   1 = "Not at all prepared"
   2 = "Somewhat prepared"
   3 = "Well prepared"
```

```
    4 = "Very well prepared"
   -8 = "Valid skip"
TSUBJ_44
    1 = "Taught at least one integrated science class"
    2 = "Did not teach any integrated science classes"
   -8 = "Valid skip"
F_TO082
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO141
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO253
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO098
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO175
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCK_AM
```

```
   -8 = "Valid skip"
TO302
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
INFCGSCH
```

```
   -8 = "Valid skip"
F_TO185
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_ASLI
    0 = "No regular certification or major or minor"
```

```
      1 = "No regular certification, no major, yes minor"
      2 = "No regular certification, yes major, no minor"
      4 = "Regular certification, no major or minor"
      5 = "Regular certification, no major, yes minor"
      6 = "Regular certification and major, no minor"
     -8 = "Valid skip"
INFE_VO
      1 = "Yes"
      2 = "No"
     -8 = "Valid skip"
T0201
      1 = "8th"
     -8 = "Valid skip"
T0255
      1 = "Yes"
      2 = "No"
F_T0291
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCCSCH




     -8 = "Valid skip"
T0051
      1 = "Regular full-time teacher"
      2 = "Regular part-time teacher"
      3 = "Itinerant teacher (i.e., your assignment requires you to provide instruction at more than
      one school)"
      4 = "Long-term substitute (i.e., your assignment requires that you fill the role of a regular
      teacher on a long-term basis, but you are still considered a substitute)"
      8 = "Administrator (e.g., principal, assistant principal, director, school head)"
      9 = "Library media specialist or librarian"
     10 = "Other professional staff (e.g., counselor, curriculum coordinator, social worker)"
     11 = "Support staff (e.g., secretary)"
T0171
      1 = "Yes"
      2 = "No"
F_T0327
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
T0101
      1 = "1979 or earlier"
      2 = "1980 to 1989"
      3 = "1990 to 1995"
      4 = "1996 to 2000"
     -8 = "Valid skip"
T0281
      1 = "Yes"
      2 = "No"
     -8 = "Valid skip"
F_T0283
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0341
```

```
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCISPE
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
F_T0337
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCASPH
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
INFCD_VO
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
INFCISHL
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
T0120
   1 = "Same as this year"
   2 = "Different from this year"
   3 = "I did not teach last school year"
```

F_T0229
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0109
   1 = "Yes"
   2 = "No"
F_T0217
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0295
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0323
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0168
   1 = "Yes"
   2 = "No"
F_T0260
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCBSPS
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
INFCCSPH
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
INFCGSHL
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
F_T0103
   0 = "Not imputed"

F_T0087
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCG_VO
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
F_T0146
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCK_SC

   -8 = "Valid skip"
T0349
   1 = "Less than $600"
   2 = "$600 to $1,499"
   3 = "$1,500 to $2,999"
   4 = "$3,000 or more"
   -8 = "Valid skip"
F_T0313
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0247
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INFCJSCH

   -8 = "Valid skip"
T0187
   1 = "Yes"
   2 = "No"
TSUBJ_39
   1 = "Taught at least one computer awareness/applications class"

```
     2 = "Did not teach any computer awareness/applications classes"
     -8 = "Valid skip"
TSUBJ_65
     1 = "Taught at least one class of other visual/performing arts"
     2 = "Did not teach any classes of other visual/performing arts"
     -8 = "Valid skip"
F_T0171
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCCSPS
     0 = "Teacher was out-of-field"




     -8 = "Valid skip"
TSUBJ_49
     1 = "Taught at least one social studies class"
     2 = "Did not teach any social studies classes"
     -8 = "Valid skip"
T0316
     1 = "Strongly agree"
     2 = "Somewhat agree"
     3 = "Somewhat disagree"
     4 = "Strongly disagree"
TSUBJ_29
     1 = "Taught at least one basic and general math class"
     2 = "Did not teach any basic and general math classes"
     -8 = "Valid skip"
F_T0059
     0 = "Not imputed"
     8 = "Value was imputed by hand (clerical)"
T0182
     1 = "Yes"
     2 = "No"
T0343
     1 = "Yes"
     2 = "No"
T0174
     1 = "Yes"
     2 = "No"
T0328
     1 = "Serious Problem"
     2 = "Moderate Problem"
     3 = "Minor Problem"
     4 = "Not a Problem"
T0363
     1 = "Yes"
     2 = "No"
TSUBJ_06
     1 = "Taught at least one communications technology class"
     2 = "Did not teach any communications technology classes"
     -8 = "Valid skip"
INFCF_MA
```

```
     -8 = "Valid skip"
T0307
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
F_T0234
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_T0153
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCISCH




     -8 = "Valid skip"
INFCJ_VO
   0 = "Teacher was out-of-field"







     -8 = "Valid skip"
T0319
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
F_T0298
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0091
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0288
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
```

INFCK_MA

        -8 = "Valid skip"
INFCBSHI

        -8 = "Valid skip"
T0063
    1 = "Regular full-time teacher"
    2 = "Regular part-time teacher"
    3 = "Substitute teacher"
    5 = "Other"
    -8 = "Valid skip"
T0336
    1 = "Serious Problem"
    2 = "Moderate Problem"
    3 = "Minor Problem"
    4 = "Not a Problem"
INFCK_ES

        -8 = "Valid skip"
T0250
    1 = "Yes"
    2 = "No"
    -8 = "Valid skip"
F_T0334
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0356
    1 = "Male"
    2 = "Female"
ENRK12UG
    1 = "Less than 300 students"
    2 = "300 to 499 students"
    3 = "500 or more students"
    -9 = "Not available because school was a noninterview"
F_T0191

```
     0 = "Not imputed"
INF_M_AM
     0 = "No regular certification or major or minor"
     1 = "No regular certification, no major, yes minor"
     2 = "No regular certification, yes major, no minor"
     3 = "No regular certification, both major and minor"
     4 = "Regular certification, no major or minor"
     5 = "Regular certification, no major, yes minor"
     6 = "Regular certification and major, no minor"
     7 = "Regular certification and major and minor"
    -8 = "Valid skip"
INFCCSEA



    -8 = "Valid skip"
T0089
     1 = "1979 or earlier"
     2 = "1980 to 1989"
     3 = "1990 to 1995"
     4 = "1996 to 2000"
    -8 = "Valid skip"
INFB_FL
     1 = "Yes"
     2 = "No"
    -8 = "Valid skip"
T0130
     1 = "Not at all prepared"
     2 = "Somewhat prepared"
     3 = "Well prepared"
     4 = "Very well prepared"
    -8 = "Valid skip"
T0096
     1 = "Certificate of Advanced Graduate Studies"
    -8 = "Valid skip"
F_T0147
     0 = "Not imputed"
     7 = "Value was imputed by using data from the record for a similar case (donor)"
T0198
     1 = "5th"
    -8 = "Valid skip"
PGMTYPE
     1 = "REGULAR elementary or secondary school"
     2 = "MONTESSORI"
     3 = "Elementary or secondary school with a SPECIAL PROGRAM EMPHASIS (such as a science/math
    school, performing arts school, talented/gifted school, foreign language immersion school,
    etc.)"
     4 = "SPECIAL EDUCATION school - primarily serves students with disabilities"
     6 = "ALTERNATIVE school- offers a curriculum designed to provide alternative or nontraditional
    education; does not specifically fall into the categories of regular, special program, special
    education, or vocational school"
    -9 = "Not available because school was a noninterview"
T0082
     1 = "1979 or earlier"
     2 = "1980 to 1989"
     3 = "1990 to 1995"
     4 = "1996 to 2000"
    -8 = "Valid skip"
F_T0195
```

```
      0 = "Not imputed"
      8 = "Value was imputed by hand (clerical)"
F_T0209
      0 = "Not imputed"
      1 = "Original value was ratio adjusted"
      2 = "Value was imputed by using data from other variables in same record"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
      8 = "Value was imputed by hand (clerical)"
TSUBJ_38
      1 = "Taught at least one class or other math"
      2 = "Did not teach any other math classes"
     -8 = "Valid skip"
MINENR
      1 = "Less than 20% students"
      2 = "20% or more students"
     -9 = "Not available because school was a nonintervew"
TSUBJ_26
      1 = "Taught at least one intermediate algebra class"
      2 = "Did not teach any intermediate algebra classes"
     -8 = "Valid skip"
INF_A_ES
      0 = "No regular certification or major or minor"
      4 = "Regular certification, no major or minor"
      6 = "Regular certification and major, no minor"
     -8 = "Valid skip"
INFCB_VO
      0 = "Teacher was out-of-field"




     -8 = "Valid skip"
F_T0265
      0 = "Not imputed"
      2 = "Value was imputed by using data from other variables in same record"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCA_PE
      0 = "Teacher was out-of-field"




     -8 = "Valid skip"
F_T0113
      0 = "Not imputed"
```

83

    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO310
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCJSEA

    -8 = "Valid skip"
INFCI_EN
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
INFCI_SC
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
INFCI_VO
    0 = "Teacher was out-of-field"

    -8 = "Valid skip"
TO141
    1 = "Yes"

```
   2 = "No"
   -8 = "Valid skip"
TSUBJ_07
   1 = "Taught at least one cosmetology class"
   2 = "Did not teach any cosmetology classes"
   -8 = "Valid skip"
F_T0339
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0323
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
F_T0309
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0135
   1 = "Not at all prepared"
   2 = "Somewhat prepared"
   3 = "Well prepared"
   4 = "Very well prepared"
   -8 = "Valid skip"
F_T0255
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0283
   1 = "Yes"
   2 = "No"
T0346
   1 = "Less than $1,000"
   2 = "$1,000 to $1,999"
   3 = "$2,000 to $3,999"
   4 = "$4,000 or more"
   -8 = "Valid skip"
TSUBJ_23
   1 = "Taught at least one Spanish class"
   2 = "Did not teach any Spanish classes"
   -8 = "Valid skip"
F_T0054
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_T0187
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFF_VO
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0063
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0352
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFC_VO
```

```
   1 = "Yes"
   2 = "No"
  -8 = "Valid skip"
F_TO130
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
TO309
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
F_TO139
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCA_FL
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
INFCJ_PE
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
INFCASCH
```

```
  -8 = "Valid skip"
INFCFSHL
   0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
T0300
  1 = "Strongly agree"
  2 = "Somewhat agree"
  3 = "Somewhat disagree"
  4 = "Strongly disagree"
T0359
  1 = "Yes"
  2 = "No"
INFCHSHI
  0 = "Teacher was out-of-field"
```

```
  -8 = "Valid skip"
T0122
  1 = "1969 or earlier"
  2 = "1970 to 1979"
  3 = "1980 to 1989"
  4 = "1990 to 1995"
  5 = "1996 to 2000"
  -8 = "Valid skip"
T0335
  1 = "Serious Problem"
  2 = "Moderate Problem"
  3 = "Minor Problem"
  4 = "Not a Problem"
F_T0125
  0 = "Not imputed"
  2 = "Value was imputed by using data from other variables in same record"
  7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0223
  0 = "Not imputed"
  2 = "Value was imputed by using data from other variables in same record"
  7 = "Value was imputed by using data from the record for a similar case (donor)"
  8 = "Value was imputed by hand (clerical)"
F_T0211
  0 = "Not imputed"
  1 = "Original value was ratio adjusted"
  2 = "Value was imputed by using data from other variables in same record"
  7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0152
  0 = "Not imputed"
  2 = "Value was imputed by using data from other variables in same record"
  7 = "Value was imputed by using data from the record for a similar case (donor)"
TSUBJ_18
  1 = "Taught at least one class of other English/language arts"
  2 = "Did not teach any classes of other English/language arts"
```

```
   -8 = "Valid skip"
F_TO235
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INF_M_CM
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   -8 = "Valid skip"
F_TO131
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
TO104
   0 = "Full certification by an accrediting or certifying body OTHER THAN THE STATE"
   1 = "Regular or standard state certificate or advanced professional certificate"
   2 = "Probationary certificate (the initial certificate issued after satisfying all
   requirements except the completion of a probationary period)"
   3 = "Provisional or other type given to persons who are still participating in what the state
   calls an "alternative certification program""
   4 = "Temporary certificate (requires some additional college coursework and/or student
   teaching before regular certification can be obtained)"
   5 = "Emergency certificate or waiver (issued to persons with insufficient teacher preparation
   who must complete a regular certification program in order to continue teaching)"
   -8 = "Valid skip"
F_TO196
   0 = "Not imputed"
   8 = "Value was imputed by hand (clerical)"
F_TO204
   0 = "Not imputed"
INFCBSCH




   -8 = "Valid skip"
INFCJSLI
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
F_TO062
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCDSPH
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCB_EN
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T015O
   1 = "Yes"
   2 = "No"
INFCF_SC
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCH_CM
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCI_ES
```

```
   0 = "Teacher was out-of-field"




   -8 = "Valid skip"
TSUBJ_40
   1 = "Taught at least one computer programming class"
   2 = "Did not teach any computer programming classes"
   -8 = "Valid skip"
T0291
   1 = "No influence"



   5 = "A great deal of influence"
INFA_FL
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INFCJSHI
   0 = "Teacher was out-of-field"






   -8 = "Valid skip"
F_T0262
   0 = "Not imputed"
   3 = "Value was imputed by using data from the record for the teacher's school"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCKSPE










   -8 = "Valid skip"
T0195
   1 = "2nd"
   -8 = "Valid skip"
F_T0258
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0071
   1 = "1969 or earlier"
```

```
      2 = "1970 to 1979"
      3 = "1980 to 1989"
      4 = "1990 to 1995"
      5 = "1996 to 2000"
     -8 = "Valid skip"
INF_ASCH
      0 = "No regular certification or major or minor"
      1 = "No regular certification, no major, yes minor"
      2 = "No regular certification, yes major, no minor"
      4 = "Regular certification, no major or minor"
      5 = "Regular certification, no major, yes minor"
      6 = "Regular certification and major, no minor"
      7 = "Regular certification and major and minor"
     -8 = "Valid skip"
TO310
      1 = "Strongly agree"
      2 = "Somewhat agree"
      3 = "Somewhat disagree"
      4 = "Strongly disagree"
F_TO071
      0 = "Not imputed"
      2 = "Value was imputed by using data from other variables in same record"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
      8 = "Value was imputed by hand (clerical)"
INF_A_SO
      0 = "No regular certification or major or minor"
      1 = "No regular certification, no major, yes minor"
      2 = "No regular certification, yes major, no minor"
      3 = "No regular certification, both major and minor"
      4 = "Regular certification, no major or minor"
      5 = "Regular certification, no major, yes minor"
      6 = "Regular certification and major, no minor"
      7 = "Regular certification and major and minor"
     -8 = "Valid skip"
TSUBJ_33
      1 = "Taught at least one integrated math class"
      2 = "Did not teach any integrated math classes"
     -8 = "Valid skip"
TSUBJ_59
      1 = "Taught at least one arts and crafts class"
      2 = "Did not teach any arts and crafts classes"
     -8 = "Valid skip"
INFCF_SO
      0 = "Teacher was out-of-field"




     -8 = "Valid skip"
INFCKSCH
```

```
   -8 = "Valid skip"
INF_A_EN
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
TSUBJ_50
   1 = "Taught at least one civics class"
   2 = "Did not teach any civics classes"
   -8 = "Valid skip"
F_T0114
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0164
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0326
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
INFCA_SO
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
TSUBJ_67
   1 = "Taught at least one health education class"
   2 = "Did not teach any health education classes"
   -8 = "Valid skip"
T0345
   1 = "Yes"
   2 = "No"
INFCESPH
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCASEA




   -8 = "Valid skip"
INFCGSEA






   -8 = "Valid skip"
INFCF_AM
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_TO300
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCHSPE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_TO136
   0 = "Not imputed"
```

   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0151
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0282
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0254
   1 = "Yes"
   2 = "No"
F_T0236
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_T0296
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCG_EN
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
T0284
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
INF_ASPE
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   -8 = "Valid skip"
INFCFSPS
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"

INFCI_SO
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
TO338
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
INFCGSHI

   -8 = "Valid skip"
NEWTCH
   1 = "Teacher has taught 3 years or less"
   2 = "Teacher has taught more than 3 years"
TO105
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
TO165
   1 = "Yes"
   2 = "No"
F_TO149
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_TO237
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
TEALEV2
   1 = "Elementary"
   2 = "Secondary"
F_TO106
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INFCC_EN
   0 = "Teacher was out-of-field"

```
   -8 = "Valid skip"
INFCH_EN
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0270
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCG_MA
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
F_T0285
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0123
   1 = "Yes"
   2 = "No"
F_T0086
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFD_AM
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0193
   0 = "Not imputed"
```

```
      8 = "Value was imputed by hand (clerical)"
INFCC_SC
      0 = "Teacher was out-of-field"




     -8 = "Valid skip"
INFCJSPH
      0 = "Teacher was out-of-field"




     -8 = "Valid skip"
TSUBJ_48
      1 = "Taught at least one class of other natural science"
      2 = "Did not teach any classes of other natural science"
     -8 = "Valid skip"
F_T0111
      0 = "Not imputed"
      7 = "Value was imputed by using data from the record for a similar case (donor)"
T0348
      1 = "Yes"
      2 = "No"
TSUBJ_53
      1 = "Taught at least one history class"
      2 = "Did not teach any history classes"
     -8 = "Valid skip"
EARNALL
      1 = "Less than $20,000"
      2 = "$20,000 to $24,999"
      3 = "$25,000 to $29,999"
      4 = "$30,000 to $39,999"
      5 = "$40,000 or more"
INFCJ_CM
      0 = "Teacher was out-of-field"
```

```
      -8 = "Valid skip"
INFCJ_SO
   0 = "Teacher was out-of-field"




      -8 = "Valid skip"
T0196
   1 = "3rd"
   -8 = "Valid skip"
T0327
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
F_T0119
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0312
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0180
   1 = "Yes"
   2 = "No"
INFCKSPS







      -8 = "Valid skip"
INFG_AM
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
TSUBJ_28
   1 = "Taught at least one analytic geometry class"
   2 = "Did not teach any analytic geometry classes"
   -8 = "Valid skip"
INF_M_EL
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
TSUBJ_64
```

```
    1 = "Taught at least one music class"
    2 = "Did not teach any music classes"
   -8 = "Valid skip"
F_T0249
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    3 = "Value was imputed by using data from the record for the teacher's school"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
T0193
    1 = "Kindergarten"
   -8 = "Valid skip"
INFCA_ES
    0 = "Teacher was out-of-field"


   -8 = "Valid skip"
T0205
    1 = "12th"
   -8 = "Valid skip"
TSUBJ_05
    1 = "Taught at least one child care class"
    2 = "Did not teach any child care classes"
   -8 = "Valid skip"
F_T0276
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
T0321
    1 = "Serious Problem"
    2 = "Moderate Problem"
    3 = "Minor Problem"
    4 = "Not a Problem"
F_T0307
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0349
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0160
    1 = "8 hours or less"
    2 = "9-16 hours"
    3 = "17-32 hours"
    4 = "33 hours or more"
   -8 = "Valid skip"
TSUBJ_54
    1 = "Taught at least one political science/government class"
    2 = "Did not teach any political science/government classes"
   -8 = "Valid skip"
F_T0189
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INF_MSPE
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
```

```
   -8 = "Valid skip"
T0112
   0 = "Full certification by an accrediting or certifying body OTHER THAN THE STATE"
   1 = "Regular or standard state certificate or advanced professional certificate"
   2 = "Probationary certificate (the initial certificate issued after satisfying all
   requirements except the completion of a probationary period)"
   3 = "Provisional or other type given to persons who are still participating in what the state
   calls an "alternative certification program""
   4 = "Temporary certificate (requires some additional college coursework and/or student
   teaching before regular certification can be obtained)"
   5 = "Emergency certificate or waiver (issued to persons with insufficient teacher preparation
   who must complete a regular certification program in order to continue teaching)"
   -8 = "Valid skip"
F_T0299
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCG_ES
   0 = "Teacher was out-of-field"



   -8 = "Valid skip"
T0147
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0221
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0246
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INFCE_ES
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
T0337
   1 = "Serious Problem"
   2 = "Moderate Problem"
   3 = "Minor Problem"
   4 = "Not a Problem"
T0124
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0303
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCESPS
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0357
   1 = "American Indian or Alaska Native (Aleut, Alaska Indian, Yupik, Inupiat)"
   2 = "Asian or Pacific Islander (Japanese, Chinese, Filipino, Korean, Asian Indian, Vietnamese,
   Hawaiian, Guamanian, Samoan, other Asian)"
   3 = "Black"
   4 = "White"
F_T0090
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCH_SC
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFCGSLI
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
TSUBJ_13
   1 = "Taught at least one class of other vocational-technical education"
   2 = "Did not teach any classes of other vocational-technical education"
   -8 = "Valid skip"
F_T0158
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFF_AM
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
REGION
   1 = "Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York,
   Pennsylvania, Rhode Island, Vermont"
   2 = "Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North
   Dakota, Ohio, South Dakota, Wisconsin"
   3 = "South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky,
   Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas,
   Virginia, West Virginia"
   4 = "West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico,
   Oregon, Utah, Washington, Wyoming"
EARNSCH
   1 = "Less than $20,000"
```

```
   2 = "$20,000 to $29,999"
   3 = "$30,000 to $39,999"
   4 = "$40,000 or more"
INFCDSCH




   -8 = "Valid skip"
F_T0060
   0 = "Not imputed"
INFCC_ES
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
T0341
   1 = "Yes"
   2 = "No"
F_T0133
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0190
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0194
   0 = "Not imputed"
   8 = "Value was imputed by hand (clerical)"
F_T0206
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INF_A_SC
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
SCHLEVEL
   1 = "Elementary"
   2 = "Secondary"
   3 = "Combined"
F_T0304
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCCSHI
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFG_VO
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
T0175
   1 = "8 hours or less"
   2 = "9-16 hours"
   3 = "17-32 hours"
   4 = "33 hours or more"
   -8 = "Valid skip"
TSUBJ_35
   1 = "Taught at least one pre-calculus class"
   2 = "Did not teach any pre-calculus classes"
   -8 = "Valid skip"
TSUBJ_69
   1 = "Taught at least one philosophy class"
   2 = "Did not teach any philosophy classes"
   -8 = "Valid skip"
TSUBJ_25
   1 = "Taught at least one elementary algebra class"
   2 = "Did not teach any elementary algebra classes"
   -8 = "Valid skip"
T0073
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
T0137
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
TSUBJ_57
   1 = "Taught at least one world civilization class"
   2 = "Did not teach any world civilization classes"
   -8 = "Valid skip"
F_T0142
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0256
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INF_ASEL
   0 = "No regular certification or major or minor"
   1 = "No regular certification, no major, yes minor"
   2 = "No regular certification, yes major, no minor"
   3 = "No regular certification, both major and minor"
   4 = "Regular certification, no major or minor"
   5 = "Regular certification, no major, yes minor"
   6 = "Regular certification and major, no minor"
   7 = "Regular certification and major and minor"
   -8 = "Valid skip"
T0156
   1 = "Yes"
```

```
   2 = "No"
F_T0268
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0162
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCH_SO
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
INFD_FL
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
T0183
   1 = "Yes"
   2 = "No"
F_T0273
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0157
   1 = "Yes"
   2 = "No"
T0134
   1 = "Not at all prepared"
   2 = "Somewhat prepared"
   3 = "Well prepared"
   4 = "Very well prepared"
   -8 = "Valid skip"
TSUBJ_02
   1 = "Taught at least one agriculture or natural resources class"
   2 = "Did not teach any agriculture or natural resources classes"
   -8 = "Valid skip"
F_T0066
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0243
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
T0202
   1 = "9th"
   -8 = "Valid skip"
TSUBJ_34
   1 = "Taught at least one pre-algebra class"
   2 = "Did not teach any pre-algebra classes"
   -8 = "Valid skip"
```

F_T0095
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0230
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    8 = "Value was imputed by hand (clerical)"
T0144
    1 = "Yes"
    2 = "No"
    -8 = "Valid skip"
F_T0182
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0178
    1 = "Not useful at all"

    5 = "Very useful"
T0256
    1 = "Not at all"

    5 = "To a great extent"
    -8 = "Valid skip"
T0289
    1 = "No influence"

    5 = "A great deal of influence"
F_T0128
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0320
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
T0352
    1 = "Yes"
    2 = "No"
INFCISEA

    -8 = "Valid skip"
TEALEV
    1 = "elementary"
    2 = "middle"

```
    3 = "secondary"
    4 = "other"
T0163
    1 = "8 hours or less"
    2 = "9-16 hours"
    3 = "17-32 hours"
    4 = "33 hours or more"
   -8 = "Valid skip"
F_T0212
    0 = "Not imputed"
    1 = "Original value was ratio adjusted"
    2 = "Value was imputed by using data from other variables in same record"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0344
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
INFCK_VO




   -8 = "Valid skip"
INFCC_PE
    0 = "Teacher was out-of-field"




   -8 = "Valid skip"
T0129
    1 = "Not at all prepared"
    2 = "Somewhat prepared"
    3 = "Well prepared"
    4 = "Very well prepared"
   -8 = "Valid skip"
F_T0108
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCJ_SC
    0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
ASSIGN
   1 = "Prekindergarten, kindergarten, and general elementary"
   2 = "Math and science"
   3 = "English/language arts"
   4 = "Social science"
   5 = "Special education"
   6 = "Foreign languages"
   7 = "Bilingual/ESL education"
   8 = "Vocational/technical education"
   9 = "All others"
F_T0222
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
F_T0199
   0 = "Not imputed"
   8 = "Value was imputed by hand (clerical)"
INFCI_FL
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
TSUBJ_63
   1 = "Taught at least one drama/theater/dance class"
   2 = "Did not teach any drama/theater/dance classes"
   -8 = "Valid skip"
TSUBJ_43
   1 = "Taught at least one chemistry class"
   2 = "Did not teach any chemistry classes"
   -8 = "Valid skip"
F_T0120
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCD_PE
   0 = "Teacher was out-of-field"
```

```
   -8 = "Valid skip"
T0296
   1 = "No control"



   5 = "Complete control"
INFCHSPS
   0 = "Teacher was out-of-field"





   -8 = "Valid skip"
T0092
   1 = "1979 or earlier"
   2 = "1980 to 1989"
   3 = "1990 to 1995"
   4 = "1996 to 2000"
   -8 = "Valid skip"
F_T0143
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0201
   0 = "Not imputed"
   8 = "Value was imputed by hand (clerical)"
F_T0251
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
INFCE_AM
   0 = "Teacher was out-of-field"
```

```
     -8 = "Valid skip"
INF_MSPH
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    7 = "Regular certification and major and minor"
    -8 = "Valid skip"
INFCH_PE
    0 = "Teacher was out-of-field"
```

```
     -8 = "Valid skip"
F_TO167
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
TO311
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
INF_MSLI
    0 = "No regular certification or major or minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    -8 = "Valid skip"
F_TO274
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
    8 = "Value was imputed by hand (clerical)"
INF_MSKI
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    -8 = "Valid skip"
INFCI_PE
    0 = "Teacher was out-of-field"
```

```
     -8 = "Valid skip"
F_T0261
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
ATTACK
   0 = "Never attacked"
   1 = "Attacked, but not in past 12 months"
   2 = "Attacked in past 12 months"
F_T0215
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
INFCBSLI
   0 = "Teacher was out-of-field"
```

```
     -8 = "Valid skip"
F_T0240
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   8 = "Value was imputed by hand (clerical)"
T0173
   1 = "Not useful at all"
```

```
   5 = "Very useful"
   -8 = "Valid skip"
T0253
   1 = "Yes"
   2 = "No"
T0288
   1 = "No influence"
```

```
   5 = "A great deal of influence"
```

INFCDSHI
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
T0304
   1 = "Strongly agree"
   2 = "Somewhat agree"
   3 = "Somewhat disagree"
   4 = "Strongly disagree"
F_T0329
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
T0087
   1 = "SECOND bachelor's degree"
   -8 = "Valid skip"
T0260
   1 = "Yes"
   2 = "No"
   -8 = "Valid skip"
F_T0231
   0 = "Not imputed"
   2 = "Value was imputed by using data from other variables in same record"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
   8 = "Value was imputed by hand (clerical)"
F_T0160
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0177
   0 = "Not imputed"
   7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCESPE
   0 = "Teacher was out-of-field"

   -8 = "Valid skip"
T0203
   1 = "10th"
   -8 = "Valid skip"
T0107
   1 = "Yes"

```
    2 = "No"
    -8 = "Valid skip"
F_T0335
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0351
    1 = "Less than $200"
    2 = "$200 to $499"
    3 = "$500 to $999"
    4 = "$1,000 or more"
    -8 = "Valid skip"
T0162
    1 = "Yes"
    2 = "No"
F_T0105
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCGSPH
    0 = "Teacher was out-of-field"




    -8 = "Valid skip"
F_T0293
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
INFCGSPE
    0 = "Teacher was out-of-field"







    -8 = "Valid skip"
F_T0075
    0 = "Not imputed"
    2 = "Value was imputed by using data from other variables in same record"
F_T0208
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0051
    0 = "Not imputed"
    8 = "Value was imputed by hand (clerical)"
MINTCH
    1 = "Less than 1% teachers"
    2 = "1% to 9% teachers"
    3 = "10% to 19% teachers"
```

```
    4 = "20% to 49% teachers"
    5 = "50% or more teachers"
    -9 = "Not available because school was a noninterview"
INFCJ_AM
    0 = "Teacher was out-of-field"
```

```
    -8 = "Valid skip"
TSUBJ_60
    1 = "Taught at least one filmmaking and photography class"
    2 = "Did not teach any filmmaking and photography classes"
    -8 = "Valid skip"
INFCASLI
    0 = "Teacher was out-of-field"
```

```
    -8 = "Valid skip"
INFH_VO
    1 = "Yes"
    2 = "No"
    -8 = "Valid skip"
T0185
    1 = "Yes"
    2 = "No"
F_T0148
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0254
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
F_T0315
    0 = "Not imputed"
    7 = "Value was imputed by using data from the record for a similar case (donor)"
T0314
    1 = "Strongly agree"
    2 = "Somewhat agree"
    3 = "Somewhat disagree"
    4 = "Strongly disagree"
INF_M
    0 = "No regular certification or major or minor"
    1 = "No regular certification, no major, yes minor"
    2 = "No regular certification, yes major, no minor"
```

```
    3 = "No regular certification, both major and minor"
    4 = "Regular certification, no major or minor"
    5 = "Regular certification, no major, yes minor"
    6 = "Regular certification and major, no minor"
    7 = "Regular certification and major and minor"
   -8 = "Valid skip"
INFH_AM
    1 = "Yes"
    2 = "No"
   -8 = "Valid skip"
T0075
    1 = "Yes"
    2 = "No"
   -8 = "Valid skip"
TSUBJ_03
    1 = "Taught at least one business or office class"
    2 = "Did not teach any business or office classes"
   -8 = "Valid skip"
TSUBJ_47
    1 = "Taught at least one class or other physical science"
    2 = "Did not teach any classes of other physical science"
   -8 = "Valid skip"
```