<u>SACA/Service-Use Assessments</u>
Grades 6-8/Years 7-9

FAST Track Project Technical Report
Damon Jones
December 2000

<u>Table of Contents</u>

<u>Citation</u>

Instrument

   Stiffman, A. R., Horwitz, S. M., Hoagwood, K., Compton, W., Cottler, L., Bean, D. L., Narrow, W. E., & Weisz, J.R. (2000). The Service Assessment for Children and Adolescents (SACA): Adult and child reports. Journal of the American Academy of Child and Adolescent Psychiatry, 39(8), 1032-1039.

   Conduct Problems Prevention Research Group. (1998). <u>Brief SACA Interview</u>.

   Conduct Problems Prevention Research Group. (1999). <u>Services Instrument</u>.

Report

   Jones, D. E. (2000). <u>SACA/Service-Use Assessments:Grades 6-8/Years 7-9</u> (Technical Report). Available: http://www.fasttrackproject.org

<u>Data Sources</u>

Raw: p7w   (SACA-Cohorts 1 and 2)
            p8ac   (SACA Brief-Cohort 1)
            p7ad   (SACA Not-So-Brief Cohort 3)
            p8ad   (SACA Not-So-Brief Cohort 2)
            p9ad   (SACA Not-So-Brief Cohort 3)

Scored: mhu7
            mhb8
            mhn9

I.   <u>Scale Description</u>

The SACA (Stiffman et al., 2000) was used by Fast Track to collect parents' reports of their children's mental health service-use history. The instrument asks a maximum of 331 questions on service use by their child (plus 10 introductory demographic questions). The initial 24 of the 331 are 'gate-level' questions which ask the parent about the child's lifetime use covering 23 different categories of inpatient

and outpatient service use. If the parent indicates that their child had never received any services in the presented categories, they would only be asked these initial 24 questions. A positive response on lifetime service-use for a particular category (e.g., psychiatric hospital) would lead to a separate section that asked more in-depth questions about service use in the past 12 months for that category, including when child first received services, name and address of most recent service provider, total number of days served, child's reaction to service, who referred child to service and how the service was paid for. The number and type of follow-up questions might vary slightly between categories. The original version of the SACA was only used in year-7 for cohorts 1 and 2.

In year-8, a very brief/temporary questionnaire consisting of 27 items culled from the original instrument was given in place of the original SACA (labeled as the "Brief SACA Interview"). This version was only given to cohort 1. Sample/missing data characteristics will be the only information presented on this brief version in this technical report.

In year-9, a new survey of service use ("Services Instrument") was created by the Fast Track Project which was based on the original SACA. This version asks the parent a possible total of 154 questions covering 17 categories of service use. As with the original SACA, parents are asked a minimum of one question per category and answer more detailed questions if they indicate that their children had experience with a particular service-type. Questions within categories are similar to the original SACA (e.g., extent of service use in past year, amount of money spent on services, payment sources (type of insurance, how much family paid, etc.), address information for facilities/providers used). One distinction between this new version and the old version of the SACA is that, in the newer version, service-use is recorded regardless of whether the child was seen for emotional/behavioral problems. Within general health-type service categories (e.g., emergency room or family doctor), a separate question asks the parent if the child's visit was for emotional/behavioral reasons to help distinguish reasons for service use.

II. Report Sample

Numbers presented on this instrument involve the Cohort 1 normative and high-risk samples in years 7-9 (N=463).

Original SACA: 391 families (84.4%) provided data for the year-7 SACA. In the low-risk group, 254 subjects had data while 54 (17.5%) were missing data; in the high-risk group, 137 provided data while 18 (11.6%) were missing this data. Examination of missing data by site revealed that Durham was missing 14 of 125 (11.2%) from the total sample, Nashville was missing 13 of 105 (12.4%), Penn was missing 18 of 124 (14.5%) and Seattle was missing 27 of 109 (24.8%).

Brief SACA: 283 families provided data while 180 (38.9%) of the sample are missing data on this instrument. Of the low-risk group, 184 subjects provide data while 124 (40.3%) are missing. Of the high-risk group, 99 subjects provided data while 56 (36.1%) were missing. Out of the total sample, Durham was missing 13 of 125 (10.4%), Nashville was missing 23 of 105 (21.9%), and Seattle was missing 22 of 109 (20.2%). For unknown reasons, only 2 of the 124 subjects at Penn were given the Brief SACA. Because of the degree of missing data on this instrument at one site in addition to the limited amount of information, these data will probably not be of much use for analyses. No further statistics will be presented for the Brief SACA in this technical report.

Services Instrument (Not-So-Brief SACA): 368 cohort-1 families provided data in year-9 for the Services Instrument, while 95 (20.5%) of the sample are missing data. Of the low-risk group, 242 subjects provided data while 66 (21.4%) are missing. Of the high-risk group, 126 subjects provided data while 29 (18.7%) were missing. For the total sample by site, Durham was missing 18 of 125 (14.4%), Nashville was missing 33 of 105 (31.4%), Penn was missing 20 of 124 (16.1%) and Seattle was missing 24 of 109 (22.0%).

III. Scaling

No scales were derived for this instrument.

IV. **Differences Between Groups**

Group differences are most effectively observed through the 2 x 2 contingency table of high-risk status by lifetime service use (whether or not the child has used a certain type of service). Chi-square statistics were generated to test group differences. All results below are based on unweighted frequencies. Only results for questions on lifetime service use are presented here for the sake of brevity and because lifetime questions are the only ones for which there are data for everyone who received the SACA.

Original SACA: Significant differences existed between low- and high-risk subjects regarding likelihood of service use for emotional, behavioral, drug or alcohol problems (within lifetime) in the following categories. In all cases, the high-risk group had a higher prevalence rate of service use: Overnight in a Psychiatric Hospital, Help from a Mental Health Center, Help from a Mental Health Professional, Help from an In-Home Therapist, Help from a Family Doctor, Help from a Self-help Group, Help from a School Counselor (p<.001); Overnight in a General Hospital, Overnight in an Emergency Shelter, Help from a Day Treatment Center, (p<.05). High-risk children were also significantly more likely to have had police intervention (p<.001). Overall, significant differences at (at least) the p<.05 level occurred in 11 of 24 service categories. Due to the low amount of response on the 12-month service use assessment, results for those variables are not presented here.

Services Instrument: High- and low-risk groups also showed several significant differences in the rate of services use in year 9. Chi-square tests revealed that high-risk children were significantly more likely than low-risk children to have ever used Inpatient mental health services, Outpatient mental health services, or Special-Ed services from their school (p<.001). For specific lifetime service use questions, high-risk children had a significantly higher rate of use (p<.001, except where noted) in the following categories: Overnight in a Psychiatric Hospital, Overnight in Other Facility (p<.05), Help from a Mental Health Center, Help from a Day Treatment Center, Help from an In-Home Therapist/Family Preservationist, Help from a Other Counselor/Therapist, Help from a School Counselor, and Police Contact. Overall, for the lifetime service-use questions significant differences occurred in 8 of 17 categories in the revised version of the SACA.

V. **Recommendations for Use**

The SACA/Services Instrument data provides much information on mental health service use. Besides lifetime service use, it solicits more detailed information regarding recent service use (past 12 months) if the subject has indicated service use at some point in the lifetime, as described above. Analysts can examine group differences in degree and pattern of mental health service use as well as examine the relationship between characteristics of service use with predictors from other instruments. Data recording names/addresses of providers will allow for following up and seeking more detailed information for specific subjects regarding what services were delivered and how these services were paid for.

Reported use of services is somewhat limited in early years of the SACA, especially in more specialized service categories. This is especially true for the 12-month questions. Analysts should note the degree of response for services before generating descriptive statistics or using outcomes in statistical models. In general, most distributions will be 'zero-modal' so examination of distribution characteristics is highly advised.

There are also several logistical problems with the original SACA data at the time of this technical report. First, variables are inconsistent as to their numeric/character status. Binary indicators of service use are often character and had to be converted in order to generate usage rates (presented below). Inconsistencies in variable-types (as to their numeric/character status) between cohorts also lead to merging problems between cohorts, including such basic variables as the COHORT variable. Also,

subjects' data for service use in the past 12-months is set to missing if that subject had indicated they had never received that service; thus, 12-month data has misleadingly high rates of missing data, even though those subjects truly did not receive services in the past 12-months. These missing values (for subjects who indeed did receive the SACA) should be set to zero in order to obtain accurate 12-month rates of service use.

VI. Service Use Rates (Means)

```
            SACA (Year7): Lifetime Service Use Variables – Normative Sample

Variable  Label                                       N     Mean   Minimum  Maximum
-----------------------------------------------------------------------------------
P7W1OVN   Overnight in Any Type Activity             254   0.008   0.000    1.000
P7W2OVN   Overnight in Psychiatric Hospital          254   0.000   0.000    0.000
P7W3OVN   Overnight in General Hospital              254   0.004   0.000    1.000
P7W4OVN   Overnight in Treatment Unit                254   0.000   0.000    0.000
P7W5OVN   Overnight in Residential TC                254   0.000   0.000    0.000
P7W6OVN   Overnight in Group Home                    254   0.000   0.000    0.000
P7W7OVN   Overnight in Foster Home                   254   0.004   0.000    1.000
P7W8OVN   Overnight in Detention Center              254   0.000   0.000    0.000
P7W9OVN   Overnight in Emergency Shelter             254   0.000   0.000    0.000
P7W10OVN  Overnight in Boarding School               254   0.000   0.000    0.000
P7W1HLP   Help from Mental Health Facility           254   0.063   0.000    1.000
P7W2HLP   Help from a Professional                   254   0.098   0.000    1.000
P7W3HLP   Help from a Day Treatment Program          254   0.024   0.000    1.000
P7W4HLP   Help from Drug/Alcohol Clinic              254   0.004   0.000    1.000
P7W5HLP   Help from In-home Therapist                254   0.008   0.000    1.000
P7W6HLP   Help from Emergency Room                   254   0.004   0.000    1.000
P7W7HLP   Help from Family Doctor                    254   0.043   0.000    1.000
P7W8HLP   Help from Probation Officer                254   0.016   0.000    1.000
P7W9HLP   Help from Priest, etc.                     254   0.012   0.000    1.000
P7W10HLP  Help from Healer, etc.                     254   0.004   0.000    1.000
P7W11HLP  Help from Acupuncturist/chiropractor       254   0.024   0.000    1.000
P7W12HLP  Help from Self-help Group                  254   0.004   0.000    1.000
P7W13HLP  Help from Respite Care Provider            254   0.004   0.000    1.000
P7W14HLP  Received any Services at School            254   0.063   0.000    1.000
P7W1PL1   Ever arrested/picked up/warning by polic   254   0.051   0.000    1.000
-----------------------------------------------------------------------------------
```

```
            SACA (Year7): Lifetime Service Use Variables – High-risk Sample

Variable  Label                                       N     Mean   Minimum  Maximum
-----------------------------------------------------------------------------------
P7W1OVN   Overnight in Any Type Activity             137   0.088   0.000    1.000
P7W2OVN   Overnight in Psychiatric Hospital          137   0.051   0.000    1.000
P7W3OVN   Overnight in General Hospital              137   0.015   0.000    1.000
P7W4OVN   Overnight in Treatment Unit                137   0.000   0.000    0.000
P7W5OVN   Overnight in Residential TC                137   0.007   0.000    1.000
P7W6OVN   Overnight in Group Home                    137   0.015   0.000    1.000
P7W7OVN   Overnight in Foster Home                   137   0.022   0.000    1.000
P7W8OVN   Overnight in Detention Center              137   0.007   0.000    1.000
P7W9OVN   Overnight in Emergency Shelter             137   0.029   0.000    1.000
P7W10OVN  Overnight in Boarding School               137   0.000   0.000    0.000
P7W1HLP   Help from Mental Health Facility           137   0.248   0.000    1.000
P7W2HLP   Help from a Professional                   137   0.336   0.000    1.000
P7W3HLP   Help from a Day Treatment Program          137   0.058   0.000    1.000
P7W4HLP   Help from Drug/Alcohol Clinic              137   0.000   0.000    0.000
P7W5HLP   Help from In-home Therapist                137   0.175   0.000    1.000
P7W6HLP   Help from Emergency Room                   137   0.007   0.000    1.000
P7W7HLP   Help from Family Doctor                    137   0.161   0.000    1.000
P7W8HLP   Help from Probation Officer                137   0.022   0.000    1.000
P7W9HLP   Help from Priest, etc.                     137   0.051   0.000    1.000
P7W10HLP  Help from Healer, etc.                     137   0.000   0.000    0.000
P7W11HLP  Help from Acupuncturist/chiropractor       137   0.007   0.000    1.000
P7W12HLP  Help from Self-help Group                  137   0.058   0.000    1.000
P7W13HLP  Help from Respite Care Provider            137   0.015   0.000    1.000
P7W14HLP  Received any Services at School            137   0.263   0.000    1.000
P7W1PL1   Ever arrested/picked up/warning by polic   137   0.175   0.000    1.000
-----------------------------------------------------------------------------------
```

```
          SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Normative Sample


Variable  Label                                        N      Mean   Minimum   Maximum
--------------------------------------------------------------------------------------
P9AD6     Evr Rec Inpatient Srvces                    242    0.004    0.000     1.000
P9AD7     Evr Rec Outpatient Srvces                   242    0.140    0.000     1.000
P9AD8     Evr Rec SpecEduc Srvces                     242    0.190    0.000     1.000
P9AD9     Evr Rec PsychHosp Srvces                    242    0.000    0.000     0.000
P9AD54    Has Your Chld Ever Stayd Ovrnght In A Ge    242    0.116    0.000     1.000
P9AD101   Has Chld Ever Rec ResTreatCntrSrvces        242    0.004    0.000     1.000
P9AD146   Has Your Chld Ever Rec Group Home Srvces    242    0.008    0.000     1.000
P9AD191   Has Chld Ever Rec Foster Home Srvces        242    0.021    0.000     1.000
P9AD224   Has Chld Stayd Ovrngt In Any Othr Facili    242    0.004    0.000     1.000
P9AD216   Has Chld Ever Rec Emerg Shltr Srvces        242    0.008    0.000     1.000
P9AD276   Has Chld Rec Mntl Hlth Srvces               242    0.066    0.000     1.000
P9AD303   Evr Rec DayTrtmnt Srvces                    242    0.004    0.000     1.000
P9AD347   Evr Usd DrgAlcClnic                         242    0.008    0.000     1.000
P9AD374   Evr Usd In-HmeFamPres                       241    0.012    0.000     1.000
P9AD418   Evr Usd RespCare                            242    0.004    0.000     1.000
P9AD445   Evr Usd Any Othr CnslrThrpst                242    0.087    0.000     1.000
P9AD489   Evr Used A SchlCnslr                        242    0.207    0.000     1.000
P9AD508   Evr Rec Trtmnt From EmrgRm                  242    0.380    0.000     1.000
P9AD536   Ever Usd FamilyDoctor                       242    0.607    0.000     1.000
P9AD565   Evr Arrestd or Wrned by Police              242    0.087    0.000     1.000
--------------------------------------------------------------------------------------

          SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables – High-risk Sample


Variable  Label                                        N      Mean   Minimum   Maximum
--------------------------------------------------------------------------------------
P9AD6     Evr Rec Inpatient Srvces                    126    0.063    0.000     1.000
P9AD7     Evr Rec Outpatient Srvces                   126    0.357    0.000     1.000
P9AD8     Evr Rec SpecEduc Srvces                     126    0.452    0.000     1.000
P9AD9     Evr Rec PsychHosp Srvces                    125    0.064    0.000     1.000
P9AD54    Has Your Chld Ever Stayd Ovrnght In A Ge    125    0.144    0.000     1.000
P9AD101   Has Chld Ever Rec ResTreatCntrSrvces        125    0.016    0.000     1.000
P9AD146   Has Your Chld Ever Rec Group Home Srvces    125    0.024    0.000     1.000
P9AD191   Has Chld Ever Rec Foster Home Srvces        125    0.040    0.000     1.000
P9AD224   Has Chld Stayd Ovrngt In Any Othr Facili    126    0.032    0.000     1.000
P9AD216   Has Chld Ever Rec Emerg Shltr Srvces        125    0.016    0.000     1.000
P9AD276   Has Chld Rec Mntl Hlth Srvces               126    0.183    0.000     1.000
P9AD303   Evr Rec DayTrtmnt Srvces                    126    0.056    0.000     1.000
P9AD347   Evr Usd DrgAlcClnic                         126    0.024    0.000     1.000
P9AD374   Evr Usd In-HmeFamPres                       126    0.103    0.000     1.000
P9AD418   Evr Usd RespCare                            126    0.016    0.000     1.000
P9AD445   Evr Usd Any Othr CnslrThrpst                126    0.246    0.000     1.000
P9AD489   Evr Used A SchlCnslr                        124    0.363    0.000     1.000
P9AD508   Evr Rec Trtmnt From EmrgRm                  125    0.432    0.000     1.000
P9AD536   Ever Usd FamilyDoctor                       126    0.571    0.000     1.000
P9AD565   Evr Arrestd or Wrned by Police              126    0.254    0.000     1.000
--------------------------------------------------------------------------------------
```

VII. Item Correlations

SACA (Year7): Lifetime Service Use Variables* -- Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

	P7W2OVN	P7W3OVN	P7W5OVN	P7W6OVN	P7W7OVN
P7W2OVN Overnight in Psychiatric Hospital	1.00000 0.0	0.20918 0.0001	0.37505 0.0001	0.26070 0.0001	0.36963 0.0001
P7W3OVN Overnight in General Hospital	0.20918 0.0001	1.00000 0.0	-0.00445 0.9301	0.40457 0.0001	-0.00894 0.8601
P7W5OVN Overnight in Residential TC	0.37505 0.0001	-0.00445 0.9301	1.00000 0.0	-0.00363 0.9429	0.49807 0.0001
P7W6OVN Overnight in Group Home	0.26070 0.0001	0.40457 0.0001	-0.00363 0.9429	1.00000 0.0	-0.00729 0.8857
P7W7OVN Overnight in Foster Home	0.36963 0.0001	-0.00894 0.8601	0.49807 0.0001	-0.00729 0.8857	1.00000 0.0
P7W8OVN Overnight in Detention Center	-0.00684 0.8928	0.57587 0.0001	-0.00256 0.9597	-0.00363 0.9429	-0.00515 0.9192
P7W9OVN Overnight in Emergency Shelter	0.56131 0.0001	-0.00894 0.8601	0.49807 0.0001	-0.00729 0.8857	0.49483 0.0001
P7W1HLP Help from Mental Health Facility	0.23708 0.0001	0.14187 0.0049	0.13224 0.0088	-0.02746 0.5883	0.26550 0.0001
P7W2HLP Help from a Professional	0.13654 0.0069	0.11064 0.0287	0.10750 0.0336	0.15223 0.0025	0.14990 0.0030
P7W3HLP Help from a Day Treatment Program	0.07779 0.1246	0.14080 0.0053	0.26277 0.0001	-0.01382 0.7853	0.11720 0.0204
P7W4HLP Help from Drug/Alcohol Clinic	-0.00684 0.8928	-0.00445 0.9301	-0.00256 0.9597	-0.00363 0.9429	-0.00515 0.9192
P7W5HLP Help from In-home Therapist	0.35104 0.0001	0.21182 0.0001	0.18973 0.0002	0.26866 0.0001	0.17689 0.0004
P7W6HLP Help from Emergency Room	-0.00968 0.8487	-0.00630 0.9011	-0.00363 0.9429	-0.00514 0.9193	-0.00729 0.8857
P7W7HLP Help from Family Doctor	0.02839 0.5757	-0.02670 0.5987	-0.01537 0.7619	-0.02177 0.6678	0.06056 0.2321
P7W8HLP Help from Probation Officer	0.12723 0.0118	-0.01187 0.8150	-0.00684 0.8928	-0.00968 0.8487	-0.01373 0.7867
P7W9HLP Help from Priest, etc.	0.10031 0.0475	-0.01425 0.7789	-0.00820 0.8715	-0.01162 0.8189	-0.01647 0.7454
P7W10HLP Help from Healer, etc.	-0.00684 0.8928	-0.00445 0.9301	-0.00256 0.9597	-0.00363 0.9429	-0.00515 0.9192
P7W11HLP Help from Acupuncturist/chiropractor	-0.01823 0.7193	-0.01187 0.8150	-0.00684 0.8928	-0.00968 0.8487	-0.01373 0.7867
P7W12HLP Help from Self-help Group	0.23652 0.0001	-0.01350 0.7902	-0.00777 0.8782	-0.01101 0.8283	0.15388 0.0023

* Two variables removed due to zero reported service use within total sample

SACA (Year7): Lifetime Service Use Variables -- Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

	P7W2OVN	P7W3OVN	P7W5OVN	P7W6OVN	P7W7OVN
P7W13HLP Help from Respite Care Provider	0.20918 0.0001	-0.00773 0.8789	-0.00445 0.9301	-0.00630 0.9011	0.57363 0.0001
P7W14HLP Received any Services at School	0.17433 0.0005	0.22451 0.0001	0.12929 0.0105	0.18308 0.0003	0.03503 0.4898
P7W1PL1 Ever arrested/picked up/warning by polic	0.35173 0.0001	0.27199 0.0001	0.15663 0.0019	0.22179 0.0001	0.22763 0.0001

```
                  SACA (Year7): Lifetime Service Use Variables -- Full Sample

                                  Correlation Analysis

                Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

                            P7W8OVN     P7W9OVN     P7W1HLP     P7W2HLP     P7W3HLP

P7W2OVN                    -0.00684     0.56131     0.23708     0.13654     0.07779
Overnight in Psychiatric Hospital  0.8928    0.0001    0.0001    0.0069    0.1246

P7W3OVN                     0.57587    -0.00894     0.14187     0.11064     0.14080
Overnight in General Hospital  0.0001    0.8601    0.0049    0.0287    0.0053

P7W5OVN                    -0.00256     0.49807     0.13224     0.10750     0.26277
Overnight in Residential TC  0.9597    0.0001    0.0088    0.0336    0.0001

P7W6OVN                    -0.00363    -0.00729    -0.02746     0.15223    -0.01382
Overnight in Group Home     0.9429    0.8857    0.5883    0.0025    0.7853

P7W7OVN                    -0.00515     0.49483     0.26550     0.14990     0.11720
Overnight in Foster Home    0.9192    0.0001    0.0001    0.0030    0.0204

P7W8OVN                     1.00000    -0.00515     0.13224     0.10750     0.26277
Overnight in Detention Center  0.0    0.9192    0.0088    0.0336    0.0001

P7W9OVN                    -0.00515     1.00000     0.26550     0.14990     0.11720
Overnight in Emergency Shelter  0.9192    0.0    0.0001    0.0030    0.0204

P7W1HLP                     0.13224     0.26550     1.00000     0.37588     0.17351
Help from Mental Health Facility  0.0088    0.0001    0.0    0.0001    0.0006

P7W2HLP                     0.10750     0.14990     0.37588     1.00000     0.30199
Help from a Professional    0.0336    0.0030    0.0001    0.0    0.0001

P7W3HLP                     0.26277     0.11720     0.17351     0.30199     1.00000
Help from a Day Treatment Program  0.0001    0.0204    0.0006    0.0001    0.0

P7W4HLP                    -0.00256    -0.00515     0.13224     0.10750     0.26277
Help from Drug/Alcohol Clinic  0.9597    0.9192    0.0088    0.0336    0.0001

P7W5HLP                     0.18973     0.27891     0.35888     0.46010     0.16956
Help from In-home Therapist  0.0002    0.0001    0.0001    0.0001    0.0008

P7W6HLP                    -0.00363    -0.00729     0.18725     0.15223     0.17914
Help from Emergency Room    0.9429    0.8857    0.0002    0.0025    0.0004

P7W7HLP                    -0.01537    -0.03087     0.10414     0.28657     0.04052
Help from Family Doctor     0.7619    0.5428    0.0396    0.0001    0.4242

P7W8HLP                    -0.00684     0.17795     0.12157     0.03647     0.07779
Help from Probation Officer  0.8928    0.0004    0.0162    0.4721    0.1246

P7W9HLP                    -0.00820     0.14453     0.08350     0.21786     0.05597
Help from Priest, etc.      0.8715    0.0042    0.0992    0.0001    0.2695

P7W10HLP                   -0.00256    -0.00515     0.13224     0.10750    -0.00976
Help from Healer, etc.      0.9597    0.9192    0.0088    0.0336    0.8475

P7W11HLP                   -0.00684    -0.01373     0.00606     0.03647    -0.02602
Help from Acupuncturist/chiropractor  0.8928    0.7867    0.9050    0.4721    0.6080

P7W12HLP                   -0.00777     0.32337     0.34978     0.28162    -0.02958
Help from Self-help Group   0.8782    0.0001    0.0001    0.0001    0.5598
```

9

```
                    SACA (Year7): Lifetime Service Use Variables -- Full Sample

                              Correlation Analysis

             Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

                                    P7W8OVN    P7W9OVN    P7W1HLP    P7W2HLP    P7W3HLP

P7W13HLP                           -0.00445    0.28234    0.14187    0.18668   -0.01694
Help from Respite Care Provider     0.9301     0.0001     0.0049     0.0002     0.7384

P7W14HLP                            0.12929    0.10988    0.27854    0.44072    0.16774
Received any Services at School     0.0105     0.0298     0.0001     0.0001     0.0009

P7W1PL1                             0.15663    0.22763    0.26867    0.21037    0.17283
Ever arrested/picked up/warning by polic  0.0019  0.0001  0.0001     0.0001     0.0006
```

```
                     SACA (Year7): Lifetime Service Use Variables -- Full Sample

                                    Correlation Analysis

                  Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

                               P7W4HLP     P7W5HLP     P7W6HLP     P7W7HLP     P7W8HLP

P7W2OVN                       -0.00684     0.35104    -0.00968     0.02839     0.12723
Overnight in Psychiatric Hospital  0.8928   0.0001      0.8487      0.5757      0.0118

P7W3OVN                       -0.00445     0.21182    -0.00630    -0.02670    -0.01187
Overnight in General Hospital    0.9301     0.0001      0.9011      0.5987      0.8150

P7W5OVN                       -0.00256     0.18973    -0.00363    -0.01537    -0.00684
Overnight in Residential TC      0.9597     0.0002      0.9429      0.7619      0.8928

P7W6OVN                       -0.00363     0.26866    -0.00514    -0.02177    -0.00968
Overnight in Group Home          0.9429     0.0001      0.9193      0.6678      0.8487

P7W7OVN                       -0.00515     0.17689    -0.00729     0.06056    -0.01373
Overnight in Foster Home         0.9192     0.0004      0.8857      0.2321      0.7867

P7W8OVN                       -0.00256     0.18973    -0.00363    -0.01537    -0.00684
Overnight in Detention Center    0.9597     0.0002      0.9429      0.7619      0.8928

P7W9OVN                       -0.00515     0.27891    -0.00729    -0.03087     0.17795
Overnight in Emergency Shelter   0.9192     0.0001      0.8857      0.5428      0.0004

P7W1HLP                        0.13224     0.35888     0.18725     0.10414     0.12157
Help from Mental Health Facility  0.0088    0.0001      0.0002      0.0396      0.0162

P7W2HLP                        0.10750     0.46010     0.15223     0.28657     0.03647
Help from a Professional         0.0336     0.0001      0.0025      0.0001      0.4721

P7W3HLP                        0.26277     0.16956     0.17914     0.04052     0.07779
Help from a Day Treatment Program 0.0001    0.0008      0.0004      0.4242      0.1246

P7W4HLP                        1.00000    -0.01351    -0.00363    -0.01537     0.37505
Help from Drug/Alcohol Clinic    0.0        0.7899      0.9429      0.7619      0.0001

P7W5HLP                       -0.01351     1.00000     0.12476     0.10360    -0.03603
Help from In-home Therapist      0.7899     0.0         0.0136      0.0406      0.4774

P7W6HLP                       -0.00363     0.12476     1.00000     0.10720    -0.00968
Help from Emergency Room         0.9429     0.0136      0.0         0.0341      0.8487

P7W7HLP                       -0.01537     0.10360     0.10720     1.00000    -0.04099
Help from Family Doctor          0.7619     0.0406      0.0341      0.0         0.4189

P7W8HLP                        0.37505    -0.03603    -0.00968    -0.04099     1.00000
Help from Probation Officer      0.0001     0.4774      0.8487      0.4189      0.0

P7W9HLP                       -0.00820     0.21686    -0.01162     0.18393    -0.02187
Help from Priest, etc.           0.8715     0.0001      0.8189      0.0003      0.6663

P7W10HLP                      -0.00256    -0.01351    -0.00363    -0.01537    -0.00684
Help from Healer, etc.           0.9597     0.7899      0.9429      0.7619      0.8928

P7W11HLP                      -0.00684    -0.03603    -0.00968    -0.04099    -0.01823
Help from Acupuncturist/chiropractor 0.8928 0.4774     0.8487      0.4189      0.7193

P7W12HLP                      -0.00777     0.36975    -0.01101     0.01475    -0.02072
Help from Self-help Group        0.8782     0.0001      0.8283      0.7713      0.6829
```

SACA (Year7): Lifetime Service Use Variables -- Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

	P7W4HLP	P7W5HLP	P7W6HLP	P7W7HLP	P7W8HLP
P7W13HLP	-0.00445	0.21182	-0.00630	-0.02670	-0.01187
Help from Respite Care Provider	0.9301	0.0001	0.9011	0.5987	0.8150
P7W14HLP	0.12929	0.37915	0.07750	0.20622	0.11753
Received any Services at School	0.0105	0.0001	0.1261	0.0001	0.0201
P7W1PL1	-0.01637	0.22935	-0.02318	0.09044	0.15404
Ever arrested/picked up/warning by polic	0.7469	0.0001	0.6477	0.0741	0.0023

```
                   SACA (Year7): Lifetime Service Use Variables -- Full Sample

                                  Correlation Analysis

                  Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

                                P7W9HLP   P7W10HLP  P7W11HLP  P7W12HLP  P7W13HLP

P7W2OVN                         0.10031   -0.00684  -0.01823   0.23652   0.20918
Overnight in Psychiatric Hospital  0.0475   0.8928    0.7193    0.0001    0.0001

P7W3OVN                        -0.01425   -0.00445  -0.01187  -0.01350  -0.00773
Overnight in General Hospital      0.7789   0.9301    0.8150    0.7902    0.8789

P7W5OVN                        -0.00820   -0.00256  -0.00684  -0.00777  -0.00445
Overnight in Residential TC        0.8715   0.9597    0.8928    0.8782    0.9301

P7W6OVN                        -0.01162   -0.00363  -0.00968  -0.01101  -0.00630
Overnight in Group Home            0.8189   0.9429    0.8487    0.8283    0.9011

P7W7OVN                        -0.01647   -0.00515  -0.01373   0.15388   0.57363
Overnight in Foster Home           0.7454   0.9192    0.7867    0.0023    0.0001

P7W8OVN                        -0.00820   -0.00256  -0.00684  -0.00777  -0.00445
Overnight in Detention Center      0.8715   0.9597    0.8928    0.8782    0.9301

P7W9OVN                         0.14453   -0.00515  -0.01373   0.32337   0.28234
Overnight in Emergency Shelter     0.0042   0.9192    0.7867    0.0001    0.0001

P7W1HLP                         0.08350    0.13224   0.00606   0.34978   0.14187
Help from Mental Health Facility   0.0992   0.0088    0.9050    0.0001    0.0049

P7W2HLP                         0.21786    0.10750   0.03647   0.28162   0.18668
Help from a Professional           0.0001   0.0336    0.4721    0.0001    0.0002

P7W3HLP                         0.05597   -0.00976  -0.02602  -0.02958  -0.01694
Help from a Day Treatment Program  0.2695   0.8475    0.6080    0.5598    0.7384

P7W4HLP                        -0.00820   -0.00256  -0.00684  -0.00777  -0.00445
Help from Drug/Alcohol Clinic      0.8715   0.9597    0.8928    0.8782    0.9301

P7W5HLP                         0.21686   -0.01351  -0.03603   0.36975   0.21182
Help from In-home Therapist        0.0001   0.7899    0.4774    0.0001    0.0001

P7W6HLP                        -0.01162   -0.00363  -0.00968  -0.01101  -0.00630
Help from Emergency Room           0.8189   0.9429    0.8487    0.8283    0.9011

P7W7HLP                         0.18393   -0.01537  -0.04099   0.01475  -0.02670
Help from Family Doctor            0.0003   0.7619    0.4189    0.7713    0.5987

P7W8HLP                        -0.02187   -0.00684  -0.01823  -0.02072  -0.01187
Help from Probation Officer        0.6663   0.8928    0.7193    0.6829    0.8150

P7W9HLP                         1.00000   -0.00820   0.10031   0.19120  -0.01425
Help from Priest, etc.             0.0      0.8715    0.0475    0.0001    0.7789

P7W10HLP                       -0.00820    1.00000  -0.00684   0.32990  -0.00445
Help from Healer, etc.             0.8715   0.0       0.8928    0.0001    0.9301

P7W11HLP                        0.10031   -0.00684   1.00000  -0.02072  -0.01187
Help from Acupuncturist/chiropractor 0.0475 0.8928    0.0       0.6829    0.8150

P7W12HLP                        0.19120    0.32990  -0.02072   1.00000   0.18196
Help from Self-help Group          0.0001   0.0001    0.6829    0.0       0.0003
```

13

SACA (Year7): Lifetime Service Use Variables -- Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

	P7W9HLP	P7W10HLP	P7W11HLP	P7W12HLP	P7W13HLP
P7W13HLP Help from Respite Care Provider	-0.01425 0.7789	-0.00445 0.9301	-0.01187 0.8150	0.18196 0.0003	1.00000 0.0
P7W14HLP Received any Services at School	0.17510 0.0005	-0.01983 0.6958	0.06072 0.2309	0.24124 0.0001	-0.03444 0.4971
P7W1PL1 Ever arrested/picked up/warning by polic	0.05832 0.2499	-0.01637 0.7469	0.08814 0.0817	0.06691 0.1867	0.07171 0.1570

```
              SACA (Year7): Lifetime Service Use Variables -- Full Sample

                              Correlation Analysis

             Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

                                              P7W14HLP   P7W1PL1

P7W2OVN                                        0.17433    0.35173
Overnight in Psychiatric Hospital              0.0005     0.0001

P7W3OVN                                        0.22451    0.27199
Overnight in General Hospital                  0.0001     0.0001

P7W5OVN                                        0.12929    0.15663
Overnight in Residential TC                    0.0105     0.0019

P7W6OVN                                        0.18308    0.22179
Overnight in Group Home                        0.0003     0.0001

P7W7OVN                                        0.03503    0.22763
Overnight in Foster Home                       0.4898     0.0001

P7W8OVN                                        0.12929    0.15663
Overnight in Detention Center                  0.0105     0.0019

P7W9OVN                                        0.10988    0.22763
Overnight in Emergency Shelter                 0.0298     0.0001

P7W1HLP                                        0.27854    0.26867
Help from Mental Health Facility               0.0001     0.0001

P7W2HLP                                        0.44072    0.21037
Help from a Professional                       0.0001     0.0001

P7W3HLP                                        0.16774    0.17283
Help from a Day Treatment Program              0.0009     0.0006

P7W4HLP                                        0.12929   -0.01637
Help from Drug/Alcohol Clinic                  0.0105     0.7469

P7W5HLP                                        0.37915    0.22935
Help from In-home Therapist                    0.0001     0.0001

P7W6HLP                                        0.07750   -0.02318
Help from Emergency Room                        0.1261     0.6477

P7W7HLP                                        0.20622    0.09044
Help from Family Doctor                        0.0001     0.0741

P7W8HLP                                        0.11753    0.15404
Help from Probation Officer                    0.0201     0.0023

P7W9HLP                                        0.17510    0.05832
Help from Priest, etc.                         0.0005     0.2499

P7W10HLP                                      -0.01983   -0.01637
Help from Healer, etc.                         0.6958     0.7469

P7W11HLP                                       0.06072    0.08814
Help from Acupuncturist/chiropractor           0.2309     0.0817

P7W12HLP                                       0.24124    0.06691
Help from Self-help Group                      0.0001     0.1867
```

```
                SACA (Year7): Lifetime Service Use Variables -- Full Sample

                              Correlation Analysis

            Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 391

                                          P7W14HLP   P7W1PL1

P7W13HLP                                  -0.03444   0.07171
Help from Respite Care Provider             0.4971    0.1570

P7W14HLP                                   1.00000   0.31082
Received any Services at School              0.0      0.0001

P7W1PL1                                    0.31082   1.00000
Ever arrested/picked up/warning by polic    0.0001    0.0
```

SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	P9AD9	P9AD54	P9AD101	P9AD146	P9AD191
P9AD9	1.00000	0.16892	0.40092	0.30439	0.09692
Evr Rec PsychHosp Srvces	0.0	0.0012	0.0001	0.0001	0.0640
	367	367	367	367	366
P9AD54	0.16892	1.00000	0.05703	0.02650	0.04624
Has Your Chld Ever Stayd Ovrnght In A Ge	0.0012	0.0	0.2759	0.6128	0.3777
	367	367	367	367	366
P9AD101	0.40092	0.05703	1.00000	0.25038	0.18123
Has Chld Ever Rec ResTreatCntrSrvces	0.0001	0.2759	0.0	0.0001	0.0005
	367	367	367	367	366
P9AD146	0.30439	0.02650	0.25038	1.00000	-0.01869
Has Your Chld Ever Rec Group Home Srvces	0.0001	0.6128	0.0001	0.0	0.7216
	367	367	367	367	366
P9AD191	0.09692	0.04624	0.18123	-0.01869	1.00000
Has Chld Ever Rec Foster Home Srvces	0.0640	0.3777	0.0005	0.7216	0.0
	366	366	366	366	367
P9AD224	0.30439	0.02650	0.25038	0.18895	-0.01967
Has Chld Stayd Ovrngt In Any Othr Facili	0.0001	0.6128	0.0001	0.0003	0.7072
	367	367	367	367	367
P9AD216	-0.01567	0.03952	-0.00953	0.21405	-0.01669
Has Chld Ever Rec Emerg Shltr Srvces	0.7648	0.4503	0.8556	0.0001	0.7503
	367	367	367	367	366
P9AD276	0.13017	-0.02372	0.06689	0.18829	0.10521
Has Chld Rec Mntl Hlth Srvces	0.0126	0.6506	0.2011	0.0003	0.0440
	367	367	367	367	367
P9AD303	0.52486	0.06754	0.42981	0.15545	0.20424
Evr Rec DayTrtmnt Srvces	0.0001	0.1967	0.0001	0.0028	0.0001
	367	367	367	367	367
P9AD347	0.30439	0.02650	0.51142	0.39171	-0.01967
Evr Usd DrgAlcClnic	0.0001	0.6128	0.0001	0.0001	0.7072
	367	367	367	367	367
P9AD374	0.33360	0.08018	0.27698	0.08996	0.22490
Evr Usd In-HmeFamPres	0.0001	0.1257	0.0001	0.0857	0.0001
	366	366	366	366	366
P9AD418	0.19368	0.14842	-0.00824	-0.01067	0.35656
Evr Usd RespCare	0.0002	0.0044	0.8750	0.8386	0.0001
	367	367	367	367	367
P9AD445	0.15338	0.03498	0.13667	0.15445	0.12630
Evr Usd Any Othr CnslrThrpst	0.0032	0.5041	0.0088	0.0030	0.0155
	367	367	367	367	367
P9AD489	0.12443	0.03814	0.01516	-0.01619	0.05468
Evr Used A SchlCnslr	0.0174	0.4675	0.7729	0.7579	0.2975
	365	365	365	365	365

```
                SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

                                    Correlation Analysis

        Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

                                   P9AD9      P9AD54     P9AD101    P9AD146    P9AD191

P9AD508                            0.06929    0.21354    0.04987    0.04855    0.08682
Evr Rec Trtmnt From EmrgRm         0.1854     0.0001     0.3408     0.3537     0.0972
                                      367        367        367        367        366

P9AD536                            0.04664    0.17699    0.01294    0.04870    0.03523
Ever Usd FamilyDoctor              0.3730     0.0007     0.8048     0.3522     0.5010
                                      367        367        367        367        367

P9AD565                            0.15338    0.01138    0.04989    0.22186    0.07408
Evr Arrestd or Wrned by Police     0.0032     0.8280     0.3405     0.0001     0.1567
                                      367        367        367        367        367
```

```
               SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

                                    Correlation Analysis

        Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

                                P9AD224     P9AD216     P9AD276     P9AD303     P9AD347

P9AD9                           0.30439    -0.01567     0.13017     0.52486     0.30439
Evr Rec PsychHosp Srvces         0.0001      0.7648      0.0126      0.0001      0.0001
                                    367         367         367         367         367

P9AD54                          0.02650     0.03952    -0.02372     0.06754     0.02650
Has Your Chld Ever Stayd Ovrnght In A Ge  0.6128   0.4503      0.6506      0.1967      0.6128
                                    367         367         367         367         367

P9AD101                         0.25038    -0.00953     0.06689     0.42981     0.51142
Has Chld Ever Rec ResTreatCntrSrvces  0.0001   0.8556      0.2011      0.0001      0.0001
                                    367         367         367         367         367

P9AD146                         0.18895     0.21405     0.18829     0.15545     0.39171
Has Your Chld Ever Rec Group Home Srvces  0.0003  0.0001      0.0003      0.0028      0.0001
                                    367         367         367         367         367

P9AD191                        -0.01967    -0.01669     0.10521     0.20424    -0.01967
Has Chld Ever Rec Foster Home Srvces  0.7072   0.7503      0.0440      0.0001      0.7072
                                    367         366         367         367         367

P9AD224                         1.00000    -0.01234     0.11211     0.30442     0.39174
Has Chld Stayd Ovrngt In Any Othr Facili  0.0    0.8138      0.0316      0.0001      0.0001
                                    368         367         368         368         368

P9AD216                        -0.01234     1.00000     0.13411    -0.01464    -0.01234
Has Chld Ever Rec Emerg Shltr Srvces  0.8138    0.0         0.0101      0.7799      0.8138
                                    367         367         367         367         367

P9AD276                         0.11211     0.13411     1.00000     0.13029     0.03585
Has Chld Rec Mntl Hlth Srvces    0.0316      0.0101      0.0         0.0124      0.4930
                                    368         367         368         368         368

P9AD303                         0.30442    -0.01464     0.13029     1.00000     0.30442
Evr Rec DayTrtmnt Srvces         0.0001      0.7799      0.0124      0.0         0.0001
                                    368         367         368         368         368

P9AD347                         0.39174    -0.01234     0.03585     0.30442     1.00000
Evr Usd DrgAlcClnic              0.0001      0.8138      0.4930      0.0001      0.0
                                    368         367         368         368         368

P9AD374                         0.32024    -0.02248     0.27783     0.33366     0.32024
Evr Usd In-HmeFamPres            0.0001      0.6682      0.0001      0.0001      0.0001
                                    367         366         367         367         367

P9AD418                        -0.01064    -0.00953     0.06696     0.19371    -0.01064
Evr Usd RespCare                 0.8388      0.8556      0.2000      0.0002      0.8388
                                    368         367         368         368         368

P9AD445                         0.22193     0.10786     0.26583     0.20700     0.15455
Evr Usd Any Othr CnslrThrpst     0.0001      0.0389      0.0001      0.0001      0.0030
                                    368         367         368         368         368

P9AD489                         0.03770    -0.00246     0.20711     0.08199    -0.01599
Evr Used A SchlCnslr             0.4721      0.9626      0.0001      0.1174      0.7605
                                    366         365         366         366         366
```

19

```
                 SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

                               Correlation Analysis

          Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

                                   P9AD224    P9AD216    P9AD276    P9AD303    P9AD347

P9AD508                            0.14459    0.07553    0.06295    0.13086    0.09657
Evr Rec Trtmnt From EmrgRm         0.0055     0.1487     0.2289     0.0121     0.0646
                                      367        367        367        367        367

P9AD536                            0.04899    0.08629    0.05019   -0.02888    0.09681
Ever Usd FamilyDoctor              0.3487     0.0988     0.3370     0.5807     0.0636
                                      368        367        368        368        368

P9AD565                            0.08556    0.18311    0.23592    0.25728    0.08556
Evr Arrestd or Wrned by Police     0.1013     0.0004     0.0001     0.0001     0.1013
                                      368        367        368        368        368
```

SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	P9AD374	P9AD418	P9AD445	P9AD489	P9AD508
P9AD9 Evr Rec PsychHosp Srvces	0.33360 0.0001 366	0.19368 0.0002 367	0.15338 0.0032 367	0.12443 0.0174 365	0.06929 0.1854 367
P9AD54 Has Your Chld Ever Stayd Ovrnght In A Ge	0.08018 0.1257 366	0.14842 0.0044 367	0.03498 0.5041 367	0.03814 0.4675 365	0.21354 0.0001 367
P9AD101 Has Chld Ever Rec ResTreatCntrSrvces	0.27698 0.0001 366	-0.00824 0.8750 367	0.13667 0.0088 367	0.01516 0.7729 365	0.04987 0.3408 367
P9AD146 Has Your Chld Ever Rec Group Home Srvces	0.08996 0.0857 366	-0.01067 0.8386 367	0.15445 0.0030 367	-0.01619 0.7579 365	0.04855 0.3537 367
P9AD191 Has Chld Ever Rec Foster Home Srvces	0.22490 0.0001 366	0.35656 0.0001 367	0.12630 0.0155 367	0.05468 0.2975 365	0.08682 0.0972 366
P9AD224 Has Chld Stayd Ovrngt In Any Othr Facili	0.32024 0.0001 367	-0.01064 0.8388 368	0.22193 0.0001 368	0.03770 0.4721 366	0.14459 0.0055 367
P9AD216 Has Chld Ever Rec Emerg Shltr Srvces	-0.02248 0.6682 366	-0.00953 0.8556 367	0.10786 0.0389 367	-0.00246 0.9626 365	0.07553 0.1487 367
P9AD276 Has Chld Rec Mntl Hlth Srvces	0.27783 0.0001 367	0.06696 0.2000 368	0.26583 0.0001 368	0.20711 0.0001 366	0.06295 0.2289 367
P9AD303 Evr Rec DayTrtmnt Srvces	0.33366 0.0001 367	0.19371 0.0002 368	0.20700 0.0001 368	0.08199 0.1174 366	0.13086 0.0121 367
P9AD347 Evr Usd DrgAlcClnic	0.32024 0.0001 367	-0.01064 0.8388 368	0.15455 0.0030 368	-0.01599 0.7605 366	0.09657 0.0646 367
P9AD374 Evr Usd In-HmeFamPres	1.00000 0.0 367	-0.01580 0.7628 367	0.22284 0.0001 367	0.21054 0.0001 365	0.10003 0.0559 366
P9AD418 Evr Usd RespCare	-0.01580 0.7628 367	1.00000 0.0 368	0.13673 0.0086 368	0.08442 0.1069 366	0.11169 0.0324 367
P9AD445 Evr Usd Any Othr CnslrThrpst	0.22284 0.0001 367	0.13673 0.0086 368	1.00000 0.0 368	0.16964 0.0011 366	0.16464 0.0016 367
P9AD489 Evr Used A SchlCnslr	0.21054 0.0001 365	0.08442 0.1069 366	0.16964 0.0011 366	1.00000 0.0 366	0.10540 0.0442 365

SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	P9AD374	P9AD418	P9AD445	P9AD489	P9AD508
P9AD508	0.10003	0.11169	0.16464	0.10540	1.00000
Evr Rec Trtmnt From EmrgRm	0.0559	0.0324	0.0016	0.0442	0.0
	366	367	367	365	367
P9AD536	0.09499	0.07478	0.12800	0.04012	0.42985
Ever Usd FamilyDoctor	0.0691	0.1522	0.0140	0.4441	0.0001
	367	368	368	366	367
P9AD565	0.14006	0.04888	0.07801	0.11057	0.03693
Evr Arrestd or Wrned by Police	0.0072	0.3497	0.1353	0.0345	0.4806
	367	368	368	366	367

```
                SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

                                    Correlation Analysis

        Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

                                         P9AD536    P9AD565

P9AD9                                     0.04664    0.15338
Evr Rec PsychHosp Srvces                  0.3730     0.0032
                                            367        367

P9AD54                                    0.17699    0.01138
Has Your Chld Ever Stayd Ovrnght In A Ge  0.0007     0.8280
                                            367        367

P9AD101                                   0.01294    0.04989
Has Chld Ever Rec ResTreatCntrSrvces      0.8048     0.3405
                                            367        367

P9AD146                                   0.04870    0.22186
Has Your Chld Ever Rec Group Home Srvces  0.3522     0.0001
                                            367        367

P9AD191                                   0.03523    0.07408
Has Chld Ever Rec Foster Home Srvces      0.5010     0.1567
                                            367        367

P9AD224                                   0.04899    0.08556
Has Chld Stayd Ovrngt In Any Othr Facili  0.3487     0.1013
                                            368        368

P9AD216                                   0.08629    0.18311
Has Chld Ever Rec Emerg Shltr Srvces      0.0988     0.0004
                                            367        367

P9AD276                                   0.05019    0.23592
Has Chld Rec Mntl Hlth Srvces             0.3370     0.0001
                                            368        368

P9AD303                                  -0.02888    0.25728
Evr Rec DayTrtmnt Srvces                  0.5807     0.0001
                                            368        368

P9AD347                                   0.09681    0.08556
Evr Usd DrgAlcClnic                       0.0636     0.1013
                                            368        368

P9AD374                                   0.09499    0.14006
Evr Usd In-HmeFamPres                     0.0691     0.0072
                                            367        367

P9AD418                                   0.07478    0.04888
Evr Usd RespCare                          0.1522     0.3497
                                            368        368

P9AD445                                   0.12800    0.07801
Evr Usd Any Othr CnslrThrpst              0.0140     0.1353
                                            368        368

P9AD489                                   0.04012    0.11057
Evr Used A SchlCnslr                      0.4441     0.0345
                                            366        366
```

```
              SERVICES INSTRUMENT (Year9): Lifetime Service Use Variables -- Full Sample

                                 Correlation Analysis

      Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

                                         P9AD536     P9AD565

P9AD508                                  0.42985     0.03693
Evr Rec Trtmnt From EmrgRm                 0.0001      0.4806
                                              367         367

P9AD536                                  1.00000    -0.05583
Ever Usd FamilyDoctor                        0.0      0.2855
                                              368         368

P9AD565                                 -0.05583     1.00000
Evr Arrestd or Wrned by Police            0.2855         0.0
                                              368         368
```