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Inter-university Consortium for
Political and Social Research

Delinquency in a Birth Cohort in Philadelphia Pennsylvania, 1945-1963: Individual File (Part 1)

Marvin E. Wolfgang,

Robert Figlio, and Thorsten Sellin

ICPSR 7729

103945

DELINQUENCY IN A BIRTH COHORT IN PHILADELPHIA
PENNSYLVANIA, 1945-1963: INDIVIDUAL FILE

(ICPSR STUDY 7729)

[PART 1]

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STUDY DESCRIPTION

THE DELIQUENCY IN A BIRTH COHORT STUDY WAS DIRECTED BY
MARVIN E. WOLFGANG, ROBERT FIGLIO, AND THORNSTEN SELLIN.
THE RESEARCH WAS SUPPORTED BY THE NATIONAL INSTITUTE OF
MENTAL HEALTH.

THE STUDY IS AN ANALYSIS OF A COHORT OF 9,944 BOYS BORN
IN 1945 WHO LIVED IN PHILADELPHIA, PENNSYLVANIA FROM AGES 10
THROUGH 18. DATA FOR THE ANALYSIS WERE COLLECTED FROM THE
RECORDS OF THE PHILADELPHIA PUBLIC, PRIVATE, AND PAROCHIAL
SCHOOLS, AND FROM THE RECORDS OF THE PHILADELPHIA POLICE
DEPARTMENT'S JUVENILE AID DIVISION. THE LATTER DATA
PERMITTED THE INVESTIGATORS TO DETERMINE WHICH MEMBERS OF
THE COHORT HAD OFFICIAL CONTACTS WITH POLICE, AND TO TRACE
VOLUME, FREQUENCY, AND CHARACTER OF THE SUBJECTS' DELINQUENT
CAREERS. EXAMINING THESE CAREERS AS A STOCHASTIC PROCESS AND
APPLYING WEIGHTS OF SEVERITY TO ACTS OF DELINQUENCY
CONSTITUTES A MAJOR PART OF THIS RESEARCH.

MUCH OF THE RESEARCH CONSIDERED FOUR QUESTIONS: WHEN
THE DELINQUENCY OF A COHORT BOY FIRST BROUGHT HIM TO THE
ATTENTION OF THE POLICE; WHETHER HE DESISTED FROM OR
PERSISTED IN COMMITTING FURTHER DELINQUENT ACTS; THE EXTENT
OF HARM INFLICTED TO THE COMMUNITY BY HIS MISDEEDS; AND
WHETHER THE SERIOUSNESS OF HIS DELINQUENT ACTIVITIES
INCREASED OR DECREASED WITH AGE.

THE TWO FILES USED IN THIS STUDY WERE A INDIVIDUAL AND
AN OFFENSE FILE. THE INDIVIDUAL FILE WAS COMPILED FROM
SCHOOL RECORDS AND CONTAINS INFORMATION SUCH AS PARENTS'
COUNTRY OF ORIGIN, I. Q. SCORES, AND NUMBER OF UNEXCUSED
ABSENSES FOR ALL SUBJECTS IN THE STUDY. THE OFFENSE FILE
CONTAINS INFORMATION CONCERNING SUBJECTS WHO WERE INVOLVED
WITH THE POLICE AT LEAST ONCE WHEN AN OFFICIAL RECORDING
OF THE ACT RESULTED. THE OFFENSE FILE CONTAINS A FULL
DESCRIPTION OF THE CRIME INCIDENT, INCLUDING ASPECTS OF
PHYSICAL INJURY, THEFT, OR PROPERTY DAMAGE, USE OF WEAPONS,
AND RELEVANT INFORMATION ABOUT THE VICTIM. AS MANY AS 39
SEPARATE CRIMES WERE REPORTED PER SUBJECT.

ANALYSES OF THE STUDY RESULTS ARE PRESENTED IN:

MARVIN E. WOLFGANG, ROBERT FIGLIO, AND THORSTEN SELLIN,
DELINQUENCY IN A BIRTH COHORT, CHICAGO, ILL.: UNIVERSITY OF
CHICAGO PRESS, 1972.

DATA COLLECTION PROCEDURES

THE COHORT IN THIS STUDY WAS LIMITED TO BOYS WHO WERE BORN IN 1945 AND LIVED IN PHILADELPHIA PENNSYLVANIA FROM THE AGES OF 10 THROUGH 18. THE UNIVERSE WAS LIMITED TO BOYS DUE TO THE RESEARCHERS' BELIEF THAT DELINQUENCY IS PREDOMINANTLY A MALE PHENOMENON.

THE REQUIREMENT THAT THE SUBJECTS MAINTAIN RESIDENCY IN PHILADELPHIA BETWEEN AGES 10 AND 18 ASSURED THE RESEARCHERS OF CONSISTENTLY RECORDED INFORMATION ABOUT SUBJECTS' CONTACTS WITH POLICE. THE COHORT THAT WAS PRESENT IN THE CITY HAD THE SAME URBAN ENVIRONMENT OVER A CRITICAL SPAN OF TIME, THE SAME GENERAL SET OF CULTURAL FORCES, THE SAME POLICE, SCHOOL, AND OTHER AGENCIES OF RESPONSE TO JUVENILE CONDUCT.

THREE SOURCES WERE USED TO GATHER DATA CONCERNING SUBJECTS AND TO VERIFY THEIR RESIDENCE IN PHILADELPHIA FROM AGES 10 THROUGH 18. THE CHIEF METHOD FOR OBTAINING THE COHORT WAS EXAMINATION OF PUBLIC, PAROCHIAL (CATHOLIC), AND PRIVATE (NON-PUBLIC, EXCLUDING CATHOLIC) SCHOOL RECORDS. SCRUTINY OF THE PUBLIC SCHOOL SYSTEM'S CENTRAL FILE REGARDING REGISTRATION, ATTRITION, AND CERTAIN SUBJECTIVE FACTORS FOR MALES BORN IN 1945 DETERMINED WHETHER BOYS WERE INCLUDED IN OR EXCLUDED FROM THE COHORT, OR WHETHER MORE INFORMATION WAS NEEDED PRIOR TO DESIGNATION. NEITHER PAROCHIAL NOR PRIVATE SCHOOLS, HOWEVER, MAINTAINED A CENTRAL FILING SYSTEM. INDIVIDUAL SCHOOLS WERE THEREFORE VISITED AND RELEVANT INFORMATION EXTRACTED FROM EACH OF THE VARIOUS FILING SYSTEMS. CONTENT OF RECORDS ALSO DIFFERED BETWEEN THE THREE SCHOOL SYSTEMS. CERTAIN "SOFT" DATA SUCH AS INFORMATION REGARDING EMOTIONAL MATURITY AND ACHIEVEMENT LEVELS WERE AVAILBLE ONLY IN PUBLIC SCHOOL RECORDS, AND ALL SCHOOL SYSTEMS USED VARIED INTELLIGENCE TESTS.

THE SECOND SOURCE OF INFORMATION WAS THE RECORDS OF THE JUVENILE AID DIVISION OF THE PHILADELPHIA POLICE DEPARTMENT. A MASTER RECORD FILE, MAINTAINED SINCE 1953, LISTED ALL JUVENILES WHO HAD POLICE CONTACT WHICH RESULTED IN A WRITTEN REPORT. THE RECORDS OF ALL BOYS BORN IN 1945 WERE PHOTOCOPIED AND, USING NAME, SPECIFIC DATE OF BIRTH, RACE, AND OTHER IDENTIFYING INFORMATION, MATCHED WITH A PUBLIC, PRIVATE, OR PAROCHIAL SCHOOL RECORD WHEN POSSIBLE.

SELECTIVE SERVICE RECORDS PROVIDED THE THIRD SOURCE OF INFORMATION. BOYS' NAMES WERE CHECKED AGAINST THESE RECORDS TO CONFIRM THEIR PRESENCE IN PHILADELPHIA AT AGE 18, REGARDLESS OF WHETHER THEY GRADUATED PRIOR TO AGE 18 OR BECAME EMPLOYED AT AGE 16 AFTER REACHING THE

END OF COMPULSORY EDUCATION. FOR A COMPLETE EXPLANATION OF
THE DATA COLLECTION PROCEDURE AND TYPE OF DATA OBTAINED SEE
DELINQUENCY IN A BIRTH COHORT BY MARVIN WOLFGANG (CHAPTERS
1-3).

FILE STRUCTURE

THE DELINQUENCY IN A BIRTH COHORT IN PHILADELPHIA,
PENNSYLVANIA, 1945-1963 INDIVIDUAL AND OFFENSE FILES ARE
AVAILBLE FROM ICPSR IN TWO FORMATS, A CARD IMAGE FILE AND AN
OSIRIS DATASET. THE CARD IMAGE FILE CONTAINS 2 DECKS PER
CASE IN A FORMAT BASED ON 80 COLUMN PUNCHED CARDS FOR BOTH
FILES. THE DATA ARE SORTED BY SUBJECT WITH ALL DECKS FOR A
CASE COMBINED TOGETHER IN ASCENDING ORDER.

THE OSIRIS DICTIONARY GIVES THE FORMAT AND OTHER
INFORMATION FOR EACH VARIABLE IN THE OSIRIS DATA FILE. THE
DICTIONARY OR DICTIONARY-CODEBOOK FILE IS USED IN
CONJUNCTION WITH THE OSIRIS SOFTWARE PACKAGE. THE OSIRIS
DATA FILE FOR THE INDIVIDUAL FILE IS CONSTRUCTED WITH A
SINGLE RECORD OF 86 COLUMNS FOR EACH CASE. THE OFFENSE FILE
IS CONSTRUCTED WITH A RECORD OF 98 COLUMNS FOR EACH CASE.
THERE ARE 48 VARIABLES ON 9,944 CASES FOR THE INDIVIDAUL
FILE AND 43 VARIABLES ON 10,214 CASES FOR THE OFFENSE FILE.

THE OSIRIS DATA FILE CAN BE ACCESSED THROUGH SOFTWARE
PACKAGES OR PROGRAMS WHICH DO NOT USE THE OSIRIS DICTIONARY
BY SPECIFYING THE TAPE LOCATIONS OF THE DESIRED VARIABLES.
THESE TAPE LOCATIONS ARE GIVEN IN THE OSIRIS
DICTIONARY-CODEBOOK.

WEIGHTING INFORMATION

IN PRIOR RESEARCH THE PRINCIPAL INVESTIGATORS DEVELOPED
A SYSTEM FOR ASSESSING THE DEGREE OF SOCIAL INJURY CAUSED BY
A DELINQUENT EVENT. USING THIS SYSTEM THEY WERE ABLE TO
ASSIGN A SCORE VALUE TO AN EVENT, DEPENDING ON WEIGHTS GIVEN
TO CERTAIN OF ITS ELEMENTS. FOR INSTANCE, A SIMPLE PHYSICAL
ASSAULT RESULTING ONLY IN AN INJURY REQUIRING TEMPORARY
MEDICAL ATTENTION WOULD RECEIVE A SCORE OF 2, WHILE THE
COMPLEX EVENT OF AN ASSAULT WHICH ENTAILED THE
HOSPITALIZATION OF TWO VICTIMS AFTER THEIR BEING INTIMIDATED
BY A DANGEROUS WEAPON, BEATEN, AND HAVING HAD THEIR WALLETS
STOLEN MIGHT RECEIVE A SCORE OF 23 OR MORE DEPENDING ON THE

AMOUNT OF CURRENCY TAKEN. IN TRADITIONAL CRIMINAL
STATISTICS, THESE TWO OFFENSES WOULD EACH BE GIVEN A SCORE
OF 1 AND SEPARATED BY ASSIGNING THE MILDER ASSAULT CASE TO
THE CLASS OF SIMPLE ASSAULT AND THE MORE SERIOUS ONE TO THAT
OF AGGRAVATED ASSAULT BASED ON THE DEFINITIONS IN THE
CRIMINAL CODE. WITH THE INVESTIGATORS' SYSTEM, THE LATTER
EVENT WOULD FALL INTO A CLASS OF OFFENSES CAUSING PHYSICAL
INJURY TO A VICTIM AND NOT MERELY BE COUNTED AS TWO
AGGRAVATED ASSAULTS. FOR A BRIEF EXPLANATION OF THE
DEVELOPMENT AND UTILIZATION OF THE WEIGHTING SYSTEM IN THE
PRESENT STUDY SEE THE GLOSSARY.

ICPSR PROCESSING INFORMATION

THE STUDY WAS PROCESSED ACCORDING TO THE STANDARD ICPSR
PROCESSING PROCEDURES. THE DATA WERE CHECKED FOR ILLEGAL OR
INCONSISTENT CODE VALUES WHICH, WHEN FOUND, WERE RECODED TO
OSIRIS MISSING DATA VALUES. NO CONSISTENCY CHECKS WERE
PERFORMED. STATEMENTS BRACKETED IN "<" AND ">" SIGNS IN THE
BODY OF THE CODEBOOK WERE ADDED BY THE PROCESSORS FOR
EXPLANATORY PURPOSES.

V

CODEBOOK INFORMATION

THE EXAMPLE BELOW IS A REPRODUCTION OF INFORMATION
APPEARING IN THE MACHINE-READABLE CODEBOOK FOR A TYPICAL
VARIABLE. THE NUMBERS IN BRACKETS DO NOT APPEAR BUT ARE
REFERENCES TO THE DESCRIPTIONS WHICH FOLLOW THIS EXAMPLE.

....

[1] VAR 0018   [2] RETARDED   [3] MD=9
    REF 0018   [4] LOC 31   WIDTH 1 [5] DK - COL --

[6] RETARDED CLASS
    ----

    [7] ---

    [8] ---

        [9] [10]
        0.   NO
        1.   YES
        2.   UNKNOWN

....

[1]   INDICATES THE VARIABLE AND REFERENCE NUMBERS.
      A VARIABLE AND REFERENCE NUMBER ARE ASSIGNED
      TO EACH ITEM IN THE STUDY. IN THIS CODEBOOK
      WHICH DOCUMENTS THE ARCHIVED DATASET THESE NUMBERS
      ARE IDENTICAL. SHOULD THE DATA BE DISSEMINATED
      IN A DIFFERENT STRUCTURE, NEW VARIABLE NUMBERS
      MAY BE ASSIGNED OR CREATED. THE REFERENCE NUMBER
      WOULD REMAIN UNCHANGED AND CORRESPOND TO THOSE IN
      THIS CODEBOOK.

[2]   INDICATES THE ABBREVIATED (24 CHARACTER MAXIMUM)
      VARIABLE LABEL USED WITHIN OSIRIS TO IDENTIFY EACH
      VARIABLE. AN EXPANDED VERSION CAN BE FOUND IN THE
      VARIABLE DESCRIPTION LIST.

[3]   INDICATES THE DESIGNATION OF MISSING DATA. IN

THIS EXAMPLE, CODE VALUES EQUAL TO 9 ARE MISSING DATA
(MD=9). ALTERNATIVE STATEMENTS FOR OTHER VARIABLES
ARE "MD=0 OR GE 9", "MD GE 9", OR "NO MISSING DATA
CODES". SOME ANALYSIS SOFTWARE PACKAGES (INCLUDING
THE ICPSR-SUPPORTED PACKAGE) REQUIRE THAT CERTAIN
TYPES OF DATA WHICH THE USER DESIRES TO BE EXCLUDED
FROM ANALYSIS BE DESIGNATED AS "MISSING DATA" E.G.,
INAPPROPRIATE, UNASCERTAINED, UNASCERTAINABLE, OR
AMBIGUOUS DATA CATEGORIES. ALTHOUGH THIS VALUE IS
DEFINED AS WITHIN THE MISSING DATA CATEGORY, THIS DOES
NOT MEAN THAT USERS SHOULD NOT OR CANNOT USE THIS
CODE VALUE IN A SUBSTANTIVE ROLE IF THEY SO DESIRE.

[4] INDICATES THE SEQUENTIAL LOCATION AND WIDTH OF THIS
VARIABLE WITHIN THE RECORD WHEN THE DATA ARE STORED ON
MAGNETIC TAPE. IN THIS EXAMPLE THE VARIABLE NAMED
"RETARDED" IS ONE COLUMN WIDE AND LOCATED IN THE 31ST
COLUMN WITHIN THE RECORD.

[5] INDICATES THE LOCATION BY DECK AND COLUMN(S) OF THIS
VARIABLE WHEN THE DATA ARE STORED ON CARDS OR IN CARD
IMAGE FORMAT.

[6] INDICATES THE FULL TEXT OF THE VARIABLE DESCRIPTION
SUPPLIED BY THE ORIGINAL COLLECTOR OF THE DATA.
THE NUMBERS AND LETTERS THAT MAY APPEAR AT THE
BEGINNING ARE QUESTION NUMBERS FROM THE SURVEY
FORMS.

[7] INDICATES AN ADDITIONAL COMMENT OR EXPLANATION
APPENDED TO THE VARIABLE DESCRIPTION.

[8] A VARIABLE WHICH HAS A FOOTNOTE ASSOCIATED WITH IT
IS DENOTED BY THE MESSAGE, "SEE NOTE(S) X" WHERE X IS
THE NUMBER OF THE FOOTNOTE REFERENCED.

[9] INDICATES THE CODE VALUES OCCURRING IN THE DATA FOR
THIS VARIABLE.

[10] INDICATES THE TEXTUAL DEFINITIONS OF THE CODES.

VARIABLE DESCRIPTION LIST FOR INDIVIDUAL FILE

ICPSR PROCESSING VARIABLES
----

1.   ICPSR STUDY NUMBER - 7729
2.   ICPSR VERSION NUMBER - 1
3.   ICPSR PART NUMBER - 1
4.   SEQUENTIAL IDENTIFICATION NUMBER

OFFENDER DEMOGRAPHICS
----

5.   RACE OF OFFENDER
6.   REGION OF BIRTH OF OFFENDER
7.   STATE OF OFFENDER BIRTH PLACE
8.   FATHER BORN IN U.S.
9.   MOTHER BORN IN U.S.
10. NUMBER OF DIFFERENT ADDRESSES
11. YEAR OF ENTRY INTO PHILADELPHIA SCHOOL SYSTEM
12. FIRST SOURCE OF ENTRY (REGION) INTO SCHOOL SYSTEM

13. YEAR OF EXIT FROM SCHOOL SYSTEM
14. EXIT CODE
15. TOTAL NUMBER OF SCHOOL YEARS
16. REMEDIAL DISCIPLINARY CLASS
17. HANDICAPPED CLASS
18. RETARDED CLASS
19. DISCIPLINARY SCHOOL
20. HIGHEST GRADE COMPLETED

21. MAJOR STATUS: ELEMENTARY SCHOOL
22. MAJOR STATUS: JUNIOR HIGH SCHOOL
23. MAJOR STATUS: SENIOR HIGH SCHOOL
24. NUMBER OF DIFFERENT SCHOOLS ATTENDED
25. NUMBER OF UNEXCUSED ABSENCES-FIRST HALF
26. NUMBER OF UNEXCUSED ABSENCES-SECOND HALF

VARIABLE DESCRIPTION LIST FOR INDIVIDUAL FILE

ACADEMIC INFORMATION
----

27. ACHIEVEMENT LEVEL
28. FIRST I.Q. YEAR
29. FIRST I.Q. SCORE
30. FIRST I.Q. TYPE
31. MIDDLE I.Q. YEAR
32. MIDDLE I.Q. SCORE
33. MIDDLE I.Q. TYPE
34. LAST I.Q. YEAR
35. LAST I.Q. SCORE
36. LAST I.Q. TYPE
37. FILE TYPE USED: PUBLIC
38. FILE TYPE USED: PAROCHIAL
39. FILE TYPE USED: PRIVATE
40. FILE TYPE USED: JUVENILE AID DIVISION
41. FILE TYPE USED: SELECTIVE SERVICE
42. RELIGION OF OFFENDER
43. CURFEW OFFENDER ONLY

OFFENDER INFORMATION
----

44. FAMILY INCOME LEVEL
45. RACE OF OFFENDER
46. OFFENDER STATUS
47. NUMBER OF OFFENSES
48. AVERAGE SERIOUSNESS SCORE

```
VAR 0001        ICPSR STUDY NUMBER 7729       NO MISSING DATA CODES
REF 0001             LOC    1 WIDTH  4
```

ICPSR STUDY NUMBER

    7729. THE ICPSR HAS ATTACHED THIS NUMBER AS A STUDY
            IDENTIFICATION NUMBER.

....

```
VAR 0002        VERSION 1                     NO MISSING DATA CODES
REF 0002             LOC    5 WIDTH  1
```

ICPSR VERSION NUMBER
----

    1. THIS IS THE FIRST ICPSR VERSION OF THE STUDY.

....

```
VAR 0003        PART NUMBER 1                 NO MISSING DATA CODES
REF 0003             LOC    6 WIDTH  1
```

ICPSR PART NUMBER
----

    1. THIS STUDY IS CONTAINED IN TWO FILES. FIRST, THE
        INDIVIDUAL FILE AND SECOND, THE OFFENSE FILE. THIS
        IS THE FIRST OF THE TWO FILES.

....

```
VAR 0004        IDENTIFICATION NUMBER         NO MISSING DATA CODES
REF 0004             LOC    7 WIDTH  5
```

SEQUENTIAL IDENTIFICATION NUMBER

A CASE IDENTIFICATION NUMBER HAS BEEN ATTACHED TO EVERY
RECORD. THIS NUMBER UNIQUELY IDENTIFIES EACH RECORD
IN THIS SURVEY.

```
VAR 0005        RACE                                        MD=9
REF 0005            LOC    12 WIDTH   1
```

RACE OF SUBJECT
----

    0. WHITE, OTHER THAN PUERTO RICAN
    1. NEGRO
    2. WHITE, PUERTO RICAN
    3. ORIENTAL
    4. OTHER

    9. RACE UNKNOWN

. . . .

```
VAR 0006        REGION OF BIRTH: SUBJECT             MD=GE  98
REF 0006            LOC    13 WIDTH   2
```

REGION OF BIRTH OF SUBJECT
----

    00. PHILADELPHIA
    01. MIDDLE ATLANTIC, NOT PHILADELPHIA
    02. SOUTH ATLANTIC
    03. EAST SOUTH CENTRAL
    04. NEW ENGLAND
    05. EAST NORTH CENTRAL
    06. WEST NORTH CENTRAL
    07. WEST SOUTH CENTRAL
    08. WEST, INCLUDES MOUNTAIN AND PACIFIC
    09. PUERTO RICO
    11. OTHER U.S. (TERRITORIES AND POSSESSIONS) OR PLACE
         NOT SPECIFIED
    12. NOT BORN IN U.S.

    98. MISSING

. . . .

```
VAR 0007        SIZE OF BIRTHPLACE: SUBJ                    MD=9
REF 0007            LOC    15 WIDTH   1
```

SIZE OF SUBJECT BIRTH PLACE

(CONTINUED)

    0. PHILADELPHIA
    1. METROPOLITAN AREA NOT PHILADELPHIA
    2. IN DIRECTORY AND NOT METROPOLITAN
    3. NOT IN DIRECTORY

    9. UNKNOWN

. . . .

VAR 0008   FATHER BORN IN U.S.A.   MD=9
REF 0008   LOC   16 WIDTH   1

FATHER BORN IN U.S.
----

    0. NO
    1. YES

    9. NO INFORMATION GIVEN

. . . .

VAR 0009   MOTHER BORN IN U.S.A.   MD=9
REF 0009   LOC   17 WIDTH   1

MOTHER BORN IN U.S.
----

    0. NO
    1. YES

    9. NO INFORMATION GIVEN

. . . .

VAR 0010   NO. DIFFERENT ADDRESSES   MD=99
REF 0010   LOC   18 WIDTH   2

NUMBER OF DIFFERENT ADDRESSES

ACTUAL NUMBER 1 TO 23 CODED

(CONTINUED)

99. MISSING

....

VAR 0011   YEAR STARTED SCHOOL/PH.   MD=7
REF 0011   LOC   20 WIDTH 1

YEAR OF ENTRY INTO PHILADELPHIA SCHOOL SYSTEM
(PUBLIC,PAROCHIAL OR PRIVATE)
----

    9. 1949
    0. 1950
    1. 1951
    2. 1952
    3. 1953
    4. 1954
    5. 1955
    6. BEFORE 1955 IF YEAR NOT GIVEN

    7. MISSING

....

VAR 0012   REGION SCHL FIRST BEGUN   MD=99 OR GE 98
REF 0012   LOC   21 WIDTH 2

FIRST SOURCE OF ENTRY (REGION) INTO SCHOOL SYSTEM
----

    00. PHILADELPHIA
    01. MIDDLE ATLANTIC, NOT PHILADELPHIA
    02. SOUTH ATLANTIC
    03. EAST SOUTH CENTRAL
    04. NEW ENGLAND
    05. EAST NORTH CENTRAL
    06. WEST NORTH CENTRAL
    07. WEST SOUTH CENTRAL
    08. WEST, INCLUDES MOUNTAIN AND PACIFIC
    09. PUERTO RICO
    10. OTHER U.S. (TERRITORIES AND POSSESSIONS) OR PLACE
         NOT SPECIFIED
    11. NOT BORN IN U.S.

(CONTINUED)

      98.   MISSING
      99.   UNKNOWN

. . . .

VAR 0013   YEAR OF EXIT FROM SCHL   MD=GE 99
REF 0013   LOC   23 WIDTH 2

YEAR OF EXIT (LAST DATE IN SCHOOL SYSTEM)
----

      06.   BEFORE 1957
      07.   1957
      08.   1958
      09.   1959
      00.   1960
      01.   1961
      02.   1962
      03.   1963
      04.   1964
      05.   1965

      98.   STILL ENROLLED
      99.   UNKNOWN

. . . .

VAR 0014   EXIT CODE   MD=99
REF 0014   LOC   25 WIDTH 2

EXIT CODE
----

      01.   GRADUATED
      02.   GRADUATE CERTIFICATE
      03.   STILL ENROLLED
      04.   OTHER

      99.   UNKNOWN

```
VAR 0015      TOTAL SCHOOL YEARS                        MD=99
REF 0015           LOC    27 WIDTH  2
```

TOTAL NUMBER OF SCHOOL YEARS

<THIS WAS AS OF THE COLLECTION OF DATA IN 1963.>

ACTUAL NUMBER OF YEARS 4 TO 16 IS CODED

    99. UNKNOWN

....

```
VAR 0016      REMEDIAL DISCIPLINARY                     MD=9
REF 0016           LOC    29 WIDTH  1
```

REMEDIAL DISCIPLINARY CLASS
----

    0. NO
    1. YES

    9. UNKNOWN

....

```
VAR 0017      HANDICAPPED                               MD=9
REF 0017           LOC    30 WIDTH  1
```

HANDICAPPED CLASS
----

    0. NO
    1. YES

    9. UNKNOWN

VAR 0018   RETARDED   MD=9
REF 0018   LOC   31 WIDTH 1

RETARDED CLASS
----

    0. NO
    1. YES

    9. UNKNOWN

. . . .

VAR 0019   DISCIPLINARY   MD=9
REF 0019   LOC   32 WIDTH 1

DISCIPLINARY SCHOOL
----

    0. NO
    1. YES

    9. UNKNOWN

. . . .

VAR 0020   HIGHEST GRADE COMPLETED   MD=99
REF 0020   LOC   33 WIDTH 2

HIGHEST GRADE COMPLETED
----

    00. NO GRADE
        .
        .
        .
    12. TWELVE GRADES COMPLETED

    99. UNKNOWN

VAR 0021   MAJOR STATUS: ELEMENTARY   MD=9 OR GE 7
REF 0021   LOC   35 WIDTH 1

MAJOR STATUS: ELEMENTARY SCHOOL
----

    0. PUBLIC
    1. PAROCHIAL
    2. PRIVATE
    3. INSTITUTION
    4. DISCIPLINARY
    5. INSTITUTION NOT DISCIPLINARY
    6. HOME SCHOOL

    7. INCOMPLETE
    9. UNKNOWN

....

VAR 0022   MAJOR STATUS: JUNIOR   MD=9 OR GE 7
REF 0022   LOC   36 WIDTH 1

MAJOR STATUS: JUNIOR HIGH SCHOOL

<THE PAROCHIAL SCHOOLS AND MANY PRIVATE SCHOOLS DO NOT HAVE
A DESIGNATED JUNIOR HIGH SCHOOL LEVEL.>

    0. PUBLIC
    1. PAROCHIAL
    2. PRIVATE
    3. INSTITUTION
    4. DISCIPLINARY
    5. INSTITUTION NOT DISCIPLINARY
    6. HOME SCHOOL

    7. INCOMPLETE
    9. UNKNOWN

....

VAR 0023   MAJOR STATUS:SENIOR   MD=9 OR GE 7
REF 0023   LOC   37 WIDTH 1

MAJOR STATUS: SENIOR HIGH SCHOOL

(CONTINUED)

        0. PUBLIC
        1. PAROCHIAL
        2. PRIVATE
        3. INSTITUTION
        4. DISCIPLINARY
        5. INSTITUTION NOT DISCIPLINARY
        6. HOME SCHOOL

        7. INCOMPLETE
        9. UNKNOWN

....

VAR 0024   NO. DIFFERENT SCHOOLS   MD=99
REF 0024   LOC   38 WIDTH   2

NUMBER OF DIFFERENT SCHOOLS ATTENDED

<THIS WAS AS OF THE COLLECTION OF DATA IN 1963.>

ACTUAL NUMBER 1 TO 15 CODED

    99. UNKNOWN

....

VAR 0025   UNEXCUSED ABSENSES/1ST   MD=99
REF 0025   LOC   40 WIDTH   2

NUMBER OF UNEXCUSED ABSENCES IN FIRST HALF

SCOOLING DIVIDED GRADES 1-6 AND 7-12. DATA FOR PUBLIC
SCHOOL STUDENTS ONLY.

ACTUAL NUMBER 0 TO 98 IS CODED

    99. NO INFORMATION

```
VAR 0026        UNEXCUSED ABSENSES/2ND                      MD=99
REF 0026            LOC    42 WIDTH  2
```

NUMBER OF UNEXCUSED ABSENCES IN SECOND HALF

<SCHOOLING DIVIDED GRADE 1-6 AND 7-12. DATA FOR PUBLIC
SCHOOL STUDENTS ONLY.>

ACTUAL NUMBER 0 TO 98 IS CODED

    99. NO INFORMATION

. . . .

```
VAR 0027        ACHIEVEMENT LEVEL                           MD=9
REF 0027            LOC    44 WIDTH  1
```

ACHIEVEMENT LEVEL OF SUBJECT

<RATING GENERALLY ASSIGNED TO ELEMENTARY SCHOOL STUDENTS.
DATA FOR PUBLIC SCHOOL SYSTEM ONLY.>

    0. VERY LOW (MORE THAN TWO YEARS BEHIND AVERAGE)
    1. LOW (UP TO TWO YEARS BEHIND AVERAGE)
    2. AVERAGE
    3. HIGH(UP TO TWO YEARS ABOVE AVERAGE)
    4. VERY HIGH (MORE THAN TWO YEARS ABOVE AVERAGE)

    9. NO VALUES GIVEN

. . . .

```
VAR 0028        FIRST I.Q., YEAR                            MD=99
REF 0028            LOC    45 WIDTH  2
```

FIRST I.Q., YEAR
----

    00. NO I.Q. LISTED
    50. BEFORE 1951
    51. 1951

(CONTINUED)

.
.
65. 1965

99. NO YEAR GIVEN

....

VAR 0029   FIRST I.Q., SCORE   MD=999
REF 0029   LOC   47 WIDTH 3

FIRST I.Q., SCORE

ACTUAL SCORE 25 TO 170 IS CODED

999. NONE LISTED

....

VAR 0030   FIRST I.Q.,TYPE   MD=99
REF 0030   LOC   50 WIDTH 2

FIRST I.Q., TYPE
----

00. PHILADELPHIA
01. WISCONSIN
02. OTIS BETA
03. OTIS GAMMA
04. OTIS ALPHA
05. WECHSLER BELLEVUE
06. STANFORD BINET
07. HENIMAN-NELSON
08. OHA
09. GAT
10. OTIS EM
11. S.R.A.
12. OTISR
13. PITNER
14. KUL. ANDERSON
15. P.C.
16. THORNDIKE
17. DETROIT REV.
18. CAL 50 - S

(CONTINUED)

        19.   CAL M - M
        20.   CAL PLAC
        21.   NON-VERBAL
        22.   O-VERB
        23.   CAL. ENG. FAC.
        24.   CAL. MAST. LANG.
        25.   W.A.I.S.
        26.   KFTM
        27.   OTIS C

        99.   UNKNOWN

. . . .

VAR 0031   MIDDLE I.Q., YEAR   MD=99
REF 0031   LOC   52 WIDTH 2

    MIDDLE I.Q., YEAR
    ----

        00.   NO I.Q. LISTED
        50.   BEFORE 1951
        51.   1951
                .
                .
                .
        65.   1965

        99.   NO YEAR GIVEN

. . . .

VAR 0032   MIDDLE I.Q., SCORE   MD=999
REF 0032   LOC   54 WIDTH 3

    MIDDLE I.Q., SCORE

    ACTUAL SCORE 10 TO 150 IS CODED

        999. NONE LISTED

```
VAR 0033        MIDDLE I.Q., TYPE                            MD=99
REF 0033            LOC   57 WIDTH   2
```

MIDDLE I.Q., TYPE

```
    00.   PHILADELPHIA
    01.   WISCONSIN
    02.   OTIS BETA
    03.   OTIS GAMMA
    04.   OTIS ALPHA
    05.   WECHSLER BELLEVUE
    06.   STANFORD BINET
    07.   HENIMAN-NELSON
    08.   OHA
    09.   GAT
    10.   OTIS EM
    11.   S.R.A.
    12.   OTISR
    13.   PITNER
    14.   KUL. ANDERSON
    15.   P.C.
    16.   THORNDIKE
    17.   DETROIT REV.
    18.   CAL 50 - S
    19.   CAL M - M
    20.   CAL PLAC
    21.   NON-VERBAL
    22.   O-VERB
    23.   CAL. ENG. FAC.
    24.   CAL. MAST. LANG.
    25.   W.A.I.S.
    26.   KFTM
    27.   OTIS C

    99.   UNKNOWN
```

. . . .

```
VAR 0034        LAST I.Q., YEAR                              MD=99
REF 0034            LOC   59 WIDTH   2
```

LAST I.Q., YEAR

```
    00.   NO I.Q. LISTED
    50.   BEFORE 1951
```

(CONTINUED)

```
        51.  1951
              .
              .
              .
        65.  1965

        99.  NO YEAR GIVEN
```

....

```
VAR 0035       LAST I.Q., SCORE                        MD=999
REF 0035          LOC   61 WIDTH   3
```

LAST I.Q., SCORE

ACTUAL SCORE 14 TO 150 IS CODED


```
        999.  NONE LISTED
```

....

```
VAR 0036       LAST I.Q., TYPE                         MD=99
REF 0036          LOC   64 WIDTH   2
```

LAST I.Q., TYPE

```
        00.   PHILADELPHIA
        01.   WISCONSIN
        02.   OTIS BETA
        03.   OTIS GAMMA
        04.   OTIS ALPHA
        05.   WECHSLER BELLEVUE
        06.   STANFORD BINET
        07.   HENIMAN-NELSON
        08.   OHA
        09.   GAT
        10.   OTIS EM
        11.   S.R.A.
        12.   OTISR
        13.   PITNER
        14.   KUL. ANDERSON
        15.   P.C.
        16.   THORNDIKE
```

(CONTINUED)

```
17.   DETROIT REV.
18.   CAL 50 - S
19.   CAL M - M
20.   CAL PLAC
21.   NON-VERBAL
22.   O-VERB
23.   CAL. ENG. FAC.
24.   CAL. MAST. LANG.
25.   W.A.I.S.
26.   KFTM
27.   OTIS C

99.   UNKNOWN
```

. . . .

```
VAR 0037        FILE: PUBLIC                                    MD=9
REF 0037           LOC   66 WIDTH  1
```

FILE TYPE USED: PUBLIC

```
0.   NO
1.   YES

9.   MISSING
```

. . . .

```
VAR 0038        FILE: PAROCHIAL                                 MD=9
REF 0038           LOC   67 WIDTH  1
```

FILE TYPE USED: PAROCHIAL

```
0.   NO
1.   YES

9.   MISSING
```

```
VAR 0039      FILE: PRIVATE                          MD=9
REF 0039         LOC   68 WIDTH  1
```

FILE TYPE USED: PRIVATE
----

    0. NO
    1. YES

    9. MISSING

. . . .

```
VAR 0040      FILE: JAD                              MD=9
REF 0040         LOC   69 WIDTH  1
```

FILE TYPE USED: JUVENILE AID DIVISION
----

    0. NO
    1. YES

    9. MISSING

. . . .

```
VAR 0041      FILE: SS                               MD=9
REF 0041         LOC   70 WIDTH  1
```

FILE TYPE USED: SELECTIVE SERVICE
----

    0. NO
    1. YES

    9. MISSING

. . . .

```
VAR 0042      RELIGION OF OFFENDER                   MD=GE  9
REF 0042         LOC   71 WIDTH  1
```

RELIGION OF OFFENDERS

(CONTINUED)

    0.   NOT AN OFFENDER
    1.   PROTESTANT
    2.   CATHOLIC
    3.   JEWISH
    4.   OTHER
    5.   NONE

    9.   NO INFORMATION

. . . .

VAR 0043   CURFEW OFFENDER ONLY   MD=9
REF 0043   LOC   72 WIDTH 1

CURFEW OFFENDER ONLY
----

    1.   YES
    2.   NO

    9.   UNKNOWN

. . . .

VAR 0044   INCOME LEVEL   MD=9
REF 0044   LOC   73 WIDTH 1

FAMILY INCOME LEVEL
----

    1.   INCOME LESS THAN $4,000
    2.   INCOME $4,001 - $4,500
    3.   INCOME $4,501 - $5,783
    4.   INCOME $5,784 - $6,779
    5.   INCOME OVER $6,779

    9.   UNKNOWN

VAR 0045   RACE   MD=9
REF 0045   LOC   74 WIDTH 1

RACE OF SUBJECT
----

   0. WHITE
   1. NON-WHITE

   9. UNKNOWN

....

VAR 0046   SINGLE/MULTIPLE OFFENDER   MD=9
REF 0046   LOC   75 WIDTH 1

SUBJECT STATUS
----

   0. NON-OFFENDER
   1. SINGLE OFFENDER
   2. MULTIPLE OFFENDER

   9. UNKNOWN

....

VAR 0047   NUMBER OF OFFENSES   MD=99
REF 0047   LOC   76 WIDTH 2

NUMBER OF OFFENSES

ACTUAL NUMBER 1 TO 39 IS CODED

   99. NONE, NOT AN OFFENDER

```
VAR 0048        AVERAGE SCORE                          MD=GE  99999
REF 0048            LOC    78 WIDTH   5
                                             IMP DEC=   1
```

AVERAGE SERIOUSNESS SCORE

ACTUAL NUMBER 1 TO 2600 IS CODED

    99999.   MISSING

20

(CONTINUED)

APPENDIX 1: GLOSSARY

THE INDEX USED IN THIS STUDY TO RATE THE SERIOUSNESS OF
A CRIMINAL ACT WAS DEVELOPED AS FOLLOWS:

A SERIES OF ATTITUDE TESTS WHICH SCALED 141 DELINQUENT
EVENTS WAS ADMINISTERED TO 748 UNIVERSITY STUDENTS, POLICE
OFFICERS, AND JUVENILE COURT JUDGES. EVENTS WERE DESCRIBED
OBJECTIVELY AND COMPLEX SINGLE EVENTS WERE DISSEMBLED INTO
DISCRETE COMPONENTS AND PRESENTED IN VARIABLE COMBINATIONS;
NO REFERENCE WAS MADE TO THE EVENTS' LEGAL TITLES. TEST
RESULTS DETERMINED THE DIFFERENTIAL WEIGHTS OR SCORE VALUES
ASSIGNED TO SINGLE EVENTS AND THEIR COMPONENTS, AND RESULTED
IN THE SCORE CARD USED TO ASSESS SEVERITY OF A GIVEN
DELINQUENT EVENT.

BECAUSE THE ORIGINAL STUDY CONCERNED OBJECTIVE HARM TO
PERSONS AND PROPERTY AND POSED A NEW INDEX OF DELINQUENCY,
SCORE CARDS DID NOT LEGALLY DEFINE OFFENSES AND INVOLVED
ONLY THOSE EVENTS WHICH ENTAILED INJURY TO A VICTIM AND/OR
LOSS OR DAMAGE OF PROPERTY.

THE GAMUT OF DELINQUENCY FROM SUCH MINOR OFFENSES AS
RUNNING AWAY FROM HOME TO THE PROFOUND CRIME OF HOMOCIDE WAS
CONSIDERED IN THE TESTING PROCEDURE UPON WHICH THE SCORING
OF DELINQUENT EVENTS WAS BASED. SINCE THE PURPOSE OF THE
PRESENT RESEARCH DIFFERS FROM THAT OF PREVIOUS INQUIRY, THE
RESEARCHERS EXTENDED THEIR EVALUATION SYSTEM TO INCLUDE
NON-INDEX EVENTS MORE RELEVANT TO THE COHORT. THIS
EXTENSION IS BASED ON THE LOGARTHMIC RELATIONSHIP BETWEEN
THE OGONTZ CENTER OF PENNSYLVANIA STATE UNIVERSITY'S RAW
MAGNITUDE RATIO SCORES AND THE SET OF SCORES FINALLY DERIVED
FOR THE DELINQUENCY INDEX. OFFENSE DESCRIPTIONS WERE THEN
CATEGORIZED AS EITHER PERSONAL INJURY, THEFT, OR PROPERTY
DAMAGE AND SCORED ACCORDING TO THE SCALING SYSTEM. HENCE,
THE VARIOUS OFFENSE DESCRIPTIONS WERE USED AS SOURCE DATA TO
GENERATE A SET OF VALUES. THE SET OF THESE VALUES WAS THEN
ENTERED AS THE Y COMPONENT IN THE REGRESSION EQUATION FOR A
POWER FUNCTION, $Y=AX^{**}B$, WHERE THE OGONTZ RAW SCORES
PROVIDED THE X COMPONENT. THE RESULTANT RELATIONSHIP, LOG
$Y= 1.2117+ 0.9308$ LOG X, PERMITTED ASSIGNMENT OF AN EXTENDED
SCORE TO OFFENSE TYPES NOT INVOLVING INJURY, THEFT, OR
DAMAGE. BOTH SCORES WITH ELEMENTS OF INJURY, THEFT, OR
DAMAGE AND EXTENDED VALUES WERE MULTIPLIED BY 100 TO
ELIMINATE DECIMALS. AN EXPECTED SCORE WHICH IS ON THE SAME
REGRESSION LINE AS THE VALUES ASSOCIATED WITH INDEX OFFENSES

22

CAN BE COMPUTED BY USING THE OGONTZ RAW SCORES FOR NON-INDEX
OFFENSES.

APPENDIX 2

FREQUENCY DISTRIBUTIONS

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 1

VARIABLE   V1   ICPSR STUDY NUMBER 7729

Code   7,729   TOTAL
Frequency   10,214   10,214

ANALYSIS 2

VARIABLE   V2   VERSION 1

Code   1   TOTAL
Frequency   10,214   10,214

ANALYSIS 3

VARIABLE   V3   PART NUMBER 2

Code   2   TOTAL
Frequency   10,214   10,214

ANALYSIS 4

VARIABLE   V5   TOTAL NUMBER OF OFFENSES

Code	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency	1,613	1,300	1,032	964	810	582	602	456	351	390	319	384	130

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

Code	14	15	16	17	18	19	20	21	22	23	24	25	35
Frequency	322	195	272	51	90	38	60	63	44	23	24	25	35

Code	39	TOTAL
Frequency	39	10,214

ANALYSIS 5

VARIABLE   V6 .   RANK NUMBER OF OFFENSES

Code	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency	3,475	1,862	1,212	868	627	465	368	282	225	186	147	118	86

Code	14	15	16	17	18	19	20	21	22	23	24	25	26
Frequency	76	53	40	23	20	15	13	10	7	5	4	3	2

Code	27	28	29	30	31	32	33	34	35	36	37	38	39
Frequency	2	2	2	2	2	2	2	2	2	1	1	1	1

Code	TOTAL
Frequency	10,214

ANALYSIS 6

VARIABLE   V8   DISPOSITION

Code	0	1	2	3	4	5	6	7	80	99	TOTAL
Frequency	6,515	258	97	748	590	654	20	1,074	227	31	10,214

ANALYSIS 7

VARIABLE   V9   YEAR OF OFFENSE

Code	51	52	53	54	55	56	57	58	59	60	61	62	63
Frequency	1	16	42	145	229	316	551	789	1,213	1,634	2,229	2,304	745

Code	TOTAL
Frequency	10,214

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 8

VARIABLE   V10   MONTH OF OFFENSE

Code	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Frequency	715	702	919	898	1,025	1,036	908	833	849	921	845	563	10,214

ANALYSIS 9

VARIABLE   V11   DAY OF OFFENSE

Code	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency	339	334	329	344	318	341	317	293	357	328	333	334	327

Code	14	15	16	17	18	19	20	21	22	23	24	25	26
Frequency	329	324	345	312	329	359	312	333	361	372	306	300	331

Code	27	28	29	30	31	99	TOTAL
Frequency	349	375	341	326	215	1	10,214

ANALYSIS 10

VARIABLE   V13   AGE OF OFFENDER

Code	6	7	8	9	10	11	12	13	14	15	16	17	18
Frequency	5	28	77	187	287	440	667	959	1,395	1,996	2,538	1,622	13

Code	TOTAL
Frequency	10,214

ANALYSIS 11

VARIABLE   V14   RACE OF OFFENDER

Code	0	1	2	3	TOTAL
Frequency	4,458	5,748	3	5	10,214

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 12

VARIABLE   V15   NO. JUVENILE OFFENDERS

Code	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency	902	851	628	330	187	105	34	42	15	19	8	9	4

Code	14	15	16	17	20	21	22	24	29	33	68	90	91
Frequency	5	3	1	1	1	2	1	1	2	1	1	3	9

Code	92	93	94	95	98	99	TOTAL
Frequency	8	6	1	1	7,001	32	10,214

ANALYSIS 13

VARIABLE   V16   AVERAGE AGE OF JUV. OFF.

Code	8	9	10	11	12	13	14	15	16	17	98	99	TOTAL
Frequency	13	23	107	140	283	284	523	556	817	406	7,000	62	10,214

ANALYSIS 14

VARIABLE   V17   NO. WHITE JUV. OFFENDERS

Code	0	1	2	3	4	5	6	7	8	9	10	11	12
Frequency	1,943	336	302	268	147	93	36	15	15	1	5	3	3

Code	13	14	15	18	29	33	98	99	TOTAL
Frequency	3	4	1	1	2	4	7,001	31	10,214

ANALYSIS 15

VARIABLE   V18   NO. BLACK JUV. OFFENDERS

Code	0	1	2	3	4	5	6	7	8	9	10	11	12
Frequency	1,158	709	543	359	178	89	50	17	26	12	14	8	5

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

Code	13	14	15	16	21	22	24	91	98	99	TOTAL
Frequency	2	2	2	1	1	2	1	1	7,001	33	10,214

ANALYSIS 16

VARIABLE   V19   NO. MALE JUV. OFFENDERS

Code	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency	954	858	626	323	178	99	32	39	15	18	10	8	4

Code	14	15	16	18	21	22	24	29	33	91	98	99	TOTAL
Frequency	7	4	2	1	1	1	1	2	4	1	7,001	25	10,214

ANALYSIS 17

VARIABLE   V20   NO. FEMALE JUV OFFENDERS

Code	0	1	2	3	4	5	98	99	TOTAL
Frequency	3,140	20	13	5	2	1	7,001	32	10,214

ANALYSIS 18

VARIABLE   V21   AVERAGE AGE OF VICTIM

Code	0	1	2	3	4	5	6	7	8	9	10	11	12
Frequency	2,239	2	1	2	4	3	5	5	10	15	45	31	68

Code	13	14	15	16	17	18	19	20	21	22	23	24	25
Frequency	72	87	106	82	48	30	12	9	9	6	7	8	8

Code	26	27	28	29	30	31	32	33	34	35	36	37	38
Frequency	8	2	3	4	10	6	5	6	3	9	6	5	3

Code	39	40	41	42	43	44	45	46	47	48	49	50	51
Frequency	4	9	5	5	2	2	10	7	5	3	3	5	1

Code	52	53	54	55	57	58	59	60	61	62	63	64	65
Frequency	9	7	4	7	2	2	2	1	5	4	3	1	1

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

Code	66	67	68	70	71	72	74	75	76	80	82	84	85
Frequency	1	1	1	2	2	2	1	1	1	1	1	1	1

Code	98	99	TOTAL
Frequency	7,000	105	10,214

ANALYSIS 19

VARIABLE   V22   NUMBER WHITE VICTIMS

Code	0	1	2	3	4	5	9	13	98	99	TOTAL
Frequency	2,718	381	33	7	2	1	1	2	7,000	69	10,214

ANALYSIS 20

VARIABLE   V23   NUMBER NON-WHITE VICTIMS

Code	0	1	2	3	4	5	6	10	11	16	19	98	99
Frequency	2,665	414	41	12	4	2	1	2	1	1	1	7,000	70

Code	TOTAL
Frequency	10,214

ANALYSIS 21

VARIABLE   V24   NUMBER MALE VICTIMS

Code	0	1	2	3	4	5	6	9	10	14	16	19	98
Frequency	2,443	645	73	15	6	1	1	2	1	2	1	1	7,000

Code	99	TOTAL
Frequency	23	10,214

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 22

VARIABLE   V25   NUMBER FEMALE VICTIMS

Code	0	1	2	3	10	98	99	TOTAL
Frequency	2,970	209	7	3	1	7,000	24	10,214

ANALYSIS 23

VARIABLE   V26   NUMBER OF DEATHS

Code	0	1	98	99	TOTAL
Frequency	3,182	11	7,001	20	10,214

ANALYSIS 24

VARIABLE   V27   NUMBER HOSPITALIZED

Code	0	1	2	3	98	99	TOTAL
Frequency	3,126	65	2	1	7,001	19	10,214

ANALYSIS 25

VARIABLE   V28   NO. TREATED & DISCHARGED

Code	0	1	2	3	4	5	98	99	TOTAL
Frequency	2,926	245	19	1	2	2	7,001	18	10,214

ANALYSIS 26

VARIABLE   V29   NUMBER WITH MINOR INJURY

Code	0	1	2	3	4	5	6	7	9	10	11	12	16
Frequency	2,609	464	70	20	8	2	4	1	3	6	1	1	1

Code	18	19	29	42	98	99	TOTAL
Frequency	1	1	2	1	7,001	18	10,214

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 27

VARIABLE   V32   ANY PHYSICAL INJURY

Code	0	1	2	3	4	9	TOTAL
Frequency	9,158	1,028	4	20	3	1	10,214

ANALYSIS 28

VARIABLE   V33   ANY THEFT

Code	0	1	2	3	4	9	TOTAL
Frequency	7,811	2,189	92	114	7	1	10,214

ANALYSIS 29

VARIABLE   V34   ANY DAMAGE

Code	0	1	9	TOTAL
Frequency	9,044	1,169	1	10,214

ANALYSIS 30

VARIABLE   V35   WEAPONS PRESENT

Code	0	1	2	3	4	8	9	TOTAL
Frequency	2,934	78	68	47	70	7,000	17	10,214

ANALYSIS 31

VARIABLE   V36   VICTIMIZATION TYPE

Code	0	1	2	3	4	5	8	9	TOTAL
Frequency	2	1,118	760	320	60	934	7,001	19	10,214

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 32

VARIABLE   V37   NO. OF ADULT OFFENDERS

Code	0	1	2	3	4	5	6	8	9	99	TOTAL
Frequency	2,933	167	67	16	4	3	1	1	22	7,000	10,214

ANALYSIS 33

VARIABLE   V38   INCOME GROUP OF OFFENDER

Code	1	2	3	4	5	TOTAL
Frequency	2,193	1,002	3,936	2,016	1,067	10,214

ANALYSIS 34

VARIABLE   V39   OFFENSE TYPE

Code	1	2	3	TOTAL
Frequency	6,401	3,012	801	10,214

ANALYSIS 35

VARIABLE   V40   SINGLE/MULTIPLE OFFENDER

Code	1	2	TOTAL
Frequency	1,613	8,601	10,214

ANALYSIS 36

VARIABLE   V41   OFFENSE TYPE CLASS A

Code	1	9	TOTAL
Frequency	742	9,472	10,214

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 37

VARIABLE   V42   OFFENSE TYPE CLASS B

Code	1	2	3	9	TOTAL
Frequency	3,047	149	564	6,454	10,214

ANALYSIS 38

VARIABLE   V4   IDENTIFICATION NUMBER
SAMPLE N   10214

STRATUM	N	MEAN	STANDARD DEVIATION	SKEWNESS	KURTOSIS	MIN	MAX
ALL	10,214	2,072.462	1,908.016	3.132	12.759	1	11,172

ANALYSIS 39

VARIABLE   V7   PHILADELPHIA CRIME CODE
SAMPLE N   10214

STRATUM	N	MEAN	STANDARD DEVIATION	SKEWNESS	KURTOSIS	MIN	MAX
ALL	10,214	1,743.845	864.538	-0.351	-1.507	111	3,615

ANALYSIS 40

VARIABLE   V12   SERIOUSNESS SCORE
SAMPLE N   10214

STRATUM	N	MEAN	STANDARD DEVIATION	SKEWNESS	KURTOSIS	MIN	MAX
ALL	10,214	114.152	206.517	6.552	74.366	1	4,400

DELIQUENCY IN A BIRTH COHORT/OFFENSES FILES (ICPSR 7729)

ANALYSIS 41

VARIABLE   V30   THEFT IN DOLLARS
SAMPLE N   10214

REVISED N AFTER DELETIONS: 3213

STRATUM	N	MEAN	STANDARD DEVIATION	SKEWNESS	KURTOSIS	MIN	MAX
ALL	3,213	1,348.885	10,684.727	9.075	80.779	0	99,999

ANALYSIS 42

VARIABLE   V31   DAMAGE IN DOLLARS
SAMPLE N   10214

REVISED N AFTER DELETIONS: 3213

STRATUM	N	MEAN	STANDARD DEVIATION	SKEWNESS	KURTOSIS	MIN	MAX
ALL	3,213	838.197	8,963.820	10.962	118.299	0	99,999

ANALYSIS 43

VARIABLE   V43   CRIMETIME AGE IN MONTHS
SAMPLE N   10214

STRATUM	N	MEAN	STANDARD DEVIATION	SKEWNESS	KURTOSIS	MIN	MAX
ALL	10,214	180.792	25.232	-1.004	0.605	79	225

APPENDIX 3

CONFIDENCE LEVEL INFORMATION

RELIABILITY OF ESTIMATES

THE PARTICULAR SAMPLE USED FOR THIS STUDY WAS ONLY ONE A
LARGE NUMBER OF POSSIBLE SAMPLES OF THE SAME SIZE THAT COULD
HAVE BEEN SELECTED USING THE SAME DESIGN AND SAMPLE
SELECTION PROCEDURES. ESTIMATES DERIVED FROM DIFFERENT
SAMPLES WOULD DIFFER FROM EACH OTHER. THE STANDARD ERROR OF
A SURVEY ESTIMATE IS A MEASURE OF THE VARIATION AMONG THE
ESTIMATES FROM ALL POSSIBLE AND IS, THEREFORE, A MEASURE OF
THE PRECISION WITH WHICH THE ESTIMATE FROM A PARTICULAR
SAMPLE APPROXIMATES THE AVERAGE OF ALL POSSIBLE SAMPLE
ESTIMATES. THE ESTIMATE AND ITS ASSOCIATED STANDARD ERROR
MAY BE USED TO CONSTRUCT AN APPROXIMATE CONFIDENCE
INTERVAL-THAT IS, AN INTERVAL HAVING A PRESCRIBED
PROBABILITY THAT IT WOULD INCLUDE THE AVERAGE OF ALL
POSSIBLE SAMPLE ESTIMATES. THIS AVERAGE MAY OR MAY NOT BE
CONTAINED IN ANY PARTICULAR COMPUTED INTERVAL. BUT, FOR A
PARTICULAR SAMPLE, IT CAN BE DETERMINED WITH SPECIFIC
CONFIDENCE THAT THE AVERAGE OF ALL POSSIBLE SAMPLE ESTIMATES
IS INCLUDED IN THE CONSTRUCTED INTERVAL.

IF ALL POSSIBLE SAMPLES WERE SELECTED UNDER ESSENTIALLY THE
SAME GENERAL CONDITIONS AND USING THE SAME SAMPLE DESIGN,
AND IF AN ESTIMATE AND ITS ESTIMATED STANDARD ERROR WERE
CALCULATED FROM EACH SAMPLE, THEN:

1. APPROXIMATELY 68 PERCENT OF THE INTERVALS FROM ONE
   STANDARD ERROR BELOW THE ESTIMATE TO ONE STANDARD
   ERROR ABOVE THE ESTIMATE WOULD INCLUDE THE AVERAGE
   FOR ALL POSSIBLE SAMPLES.
2. APPROXIMATELY 90 PERCENT OF THE INTERVALS FROM
   FROM 1.6 STANDARD ERRORS BELOW THE ESTIMATE TO
   TO 1.6 STANDARD ERRORS ABOVE THE ESTIMATE WOULD
   INCLUDE THE AVERAGE FOR ALL POSSIBLE SAMPLES.
3. APPROXIMATELY 95 PERCENT OF THE INTERVALS FROM
   TWO STANDARD ERRORS BELOW THE ESTIMATE TO TWO
   STANDARD ERRORS ABOVE THE ESTIMATE WOULD INCLUDE
   THE AVERAGE FOR ALL POSSIBLE SAMPLES.

IN ADDITION TO SAMPLING ERROR, THE ESTIMATES PRESENTED IN
THIS REPORT ARE SUBJECT TO NONSAMPLING ERROR. MAJOR SOURCES
OF SUCH ERROR INCLUDE THE INABILITY TO OBTAIN COMPLETE
INFORMATION FROM ALL INMATES IN THE SAMPLE; ERRORS IN
ESTIMATING VALUES FOR MISSING DATA; DIFFERENCES IN THE
INMATES' INTERPRETATION OF QUESTIONS; RESPONDENT INABILITY
OR UNWILLINGNESS TO PROVIDE CORRECT INFORMATION OR TO REPORT
INFORMATION ACCURATELY; ERRORS MADE IN RECORDING, CODING,
AND PROCESSING THE DATA; AND POSSIBLE UNDERCOVERAGE (I.E.,
FAILURE TO REPRESENT ALL SUBJECTS WITHIN THE SAMPLE.) STANDARD
ERRORS CALCULATED FOR USE WITH DATA FROM THIS SURVEY
PARTIALLY GAUGE THE EFFECT OF CERTAIN NONSAMPLING ERRORS IN
RESPONSE AND ENUMERATION, BUT THEY DO NOT MEASURE THE
SYSTEMATIC BIASES IN THE DATA. BECAUSE THE FULL EXTENT OF
NONSAMPLING ERROR IS UNKNOWN, HOWEVER, PARTICULAR CARE
SHOULD BE EXCERCISED IN THE INTERPRETATION OF FIGURES BASED
ON A RELATIVELY SMALL NUMBER OF CASES OR ON SMALL
DIFFERENCES BETWEEN ESTIMATES.