



ICPSR 27561

# Evaluation of Less-Lethal Technologies on Police Use-of-Force Outcomes in 13 Sites in the United States, 1992-2007

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Data Documentation



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### ICPSR Data Documentation Notes

- 1) This data documentation file includes the Full Data Set Recodes Syntax provided to ICPSR by the principal investigators. The file was originally an SPSS Statistics syntax file. ICPSR converted the SPSS syntax file into PDF format for dissemination purposes. This provides the syntax used to create the derived variables in Part 1 and Part 3, however secondary users may need to make modifications to the syntax in order for the code to be executed in a statistical software program. Additionally, changes made to the downloadable datasets to protect confidentiality may affect portions of the syntax.
- 2) Due to confidentiality concerns, ICPSR masked the year variable in the downloadable datasets for Part 1 and Part 3. The site identification variable is also masked in the downloadable datasets. In the restricted versions of this data collection, the site identification variable is comprised of anonymized site ID values. Site names are not available to secondary users of the data, even under restricted access procedures. While the year and site variables are only available via restricted access procedures, users can replicate many analyses conducted in the final report for this study (Taylor et al., 2009; NCJ 237965) using the pre-period/post-period CED deployment variable and the CED site/Non-CED site indicator variable in conjunction with other collected measures.
- 3) Users should be aware that for the Full Data Set Recodes Syntax, the SITE values are the original ones assigned by the principal investigators. ICPSR recoded the SITE "SITE ID" variable in the Restricted data for Parts 1-3 so that site numbering matched numbering used in the final report for this study. Furthermore, the SITE values are masked in the downloadable versions. The table below shows the recodes done by ICPSR:

| Site Number from Original Data | Recoded Site Number |
|--------------------------------|---------------------|
| 1                              | 6                   |
| 2                              | 2                   |
| 3                              | 1                   |
| 4                              | 4                   |
| 5                              | 3                   |
| 6                              | 5                   |
| 7                              | 8                   |
| 8                              | 13                  |
| 9                              | 9                   |
| 10                             | 7                   |
| 11                             | 11                  |
| 12                             | 12                  |
| 13                             | 10                  |



```
*****
*****
```

\*Computes two variables: one to indicate whether the site had CEDs, and the other to indicate whether the CED using site

\*had a policy that made it more or less restrictive to use the CED device.

```
*****
*****
```

COMPUTE CED\_YN = 0.

IF (SITE GE 7) CED\_YN = 1.

COMPUTE CED\_LOW\_HIGH = 0.

IF (SITE GE 7 AND SITE LE 9) CED\_LOW\_HIGH = 1.

IF (SITE GT 9) CED\_LOW\_HIGH = 2.

EXEC.

VALUE LABELS CED\_LOW\_HIGH 0 "Does Not Deploy" 1 "Rank CED Low" 2 "Rank CED High".

VALUE LABELS CED\_YN 0 "Does Not Deploy" 1 "Deploys CED".

EXEC.

```
*****
*****.
```

\*\*\*\*\* SITE PRE/POST COMPUTATION.

\*\*\*\*\* Indicator for when the site had access to CEDs

```
*****
*****.
```

IF (SITE = 1 AND YEAR = 2005) PRE\_POST = 1.

IF (SITE = 1 AND (YEAR = 2006 OR YEAR = 2007)) PRE\_POST = 2.  
IF (SITE = 2 AND (YEAR = 2002 OR YEAR = 2003)) PRE\_POST = 1.  
IF (SITE = 2 AND (YEAR = 2005 OR YEAR = 2006)) PRE\_POST = 2.  
IF (SITE = 3 AND (YEAR = 1999 OR YEAR = 2000)) PRE\_POST = 1.  
IF (SITE = 3 AND (YEAR = 2001 OR YEAR = 2002)) PRE\_POST = 2.  
IF (SITE = 4 AND (YEAR = 2003 OR YEAR = 2004)) PRE\_POST = 1.  
IF (SITE = 4 AND (YEAR = 2005 OR YEAR = 2006)) PRE\_POST = 2.  
IF (SITE = 5 AND (YEAR = 2003 OR YEAR = 2004)) PRE\_POST = 1.  
IF (SITE = 5 AND (YEAR = 2005 OR YEAR = 2006)) PRE\_POST = 2.  
IF (SITE = 6 AND (YEAR = 2004 OR YEAR = 2005)) PRE\_POST = 1.  
IF (SITE = 6 AND (YEAR = 2006 OR YEAR = 2007)) PRE\_POST = 2.  
IF (SITE = 7 AND (YEAR = 1999 OR YEAR = 2000)) PRE\_POST = 1.  
IF (SITE = 7 AND (YEAR = 2002 OR YEAR = 2003)) PRE\_POST = 2.  
IF (SITE = 8 AND (YEAR = 2004 OR YEAR = 2005)) PRE\_POST = 1.  
IF (SITE = 8 AND (YEAR = 2006 OR YEAR = 2007)) PRE\_POST = 2.  
IF (SITE = 9 AND (YEAR = 2000 OR YEAR = 2001)) PRE\_POST = 1.  
IF (SITE = 9 AND (YEAR = 2003 OR YEAR = 2004)) PRE\_POST = 2.  
IF (SITE = 10 AND (YEAR = 1998 OR YEAR = 1999)) PRE\_POST = 1.  
IF (SITE = 10 AND (YEAR = 2001 OR YEAR = 2002)) PRE\_POST = 2.  
IF (SITE = 11 AND (YEAR = 2001 OR YEAR = 2002)) PRE\_POST = 1.  
IF (SITE = 11 AND (YEAR = 2005 OR YEAR = 2006)) PRE\_POST = 2.  
IF (SITE = 12 AND (YEAR = 2001 OR YEAR = 2002)) PRE\_POST = 1.  
IF (SITE = 12 AND (YEAR = 2004 OR YEAR = 2005)) PRE\_POST = 2.  
IF (SITE = 13 AND (YEAR = 2000 OR YEAR = 2001)) PRE\_POST = 1.  
IF (SITE = 13 AND (YEAR = 2005 OR YEAR = 2006)) PRE\_POST = 2.



EXEC.

COMPUTE Post\_Period = Pre\_Post - 1.

EXEC.

\*\*\*\*\*  
\*\*\*\*\*.

\*Q11 type of injury per officer.

COMPUTE OFFICER1\_Q11INJ = MAX(o1bruise, o1lac, o1bone, o1stab, o1gun, o1burn, o1othinj).

COMPUTE OFFICER2\_Q11INJ = MAX(o2bruise, o2lac, o2bone, o2stab, o2gun, o2burn, o2othinj).

COMPUTE OFFICER3\_Q11INJ = MAX(o3bruise, o3lac, o3bone, o3stab, o3gun, o3burn, o3othinj).

COMPUTE OFFICER4\_Q11INJ = MAX(o4bruise, o4lac, o4bone, o4stab, o4gun, o4burn, o4othinj).

COMPUTE OFFICER5\_Q11INJ = MAX(o5bruise, o5lac, o5bone, o5stab, o5gun, o5burn, o5othinj).

COMPUTE OFFICER6\_Q11INJ = MAX(o6bruise, o6lac, o6bone, o6stab, o6gun, o6burn, o6othinj).

COMPUTE OFFICER7\_Q11INJ = MAX(o7bruise, o7lac, o7bone, o7stab, o7gun, o7burn, o7othinj).

EXEC.

COMPUTE OFFICERS\_INJURED = MAX(OFFICER1\_Q11INJ, OFFICER2\_Q11INJ, OFFICER3\_Q11INJ,  
OFFICER4\_Q11INJ, OFFICER5\_Q11INJ, OFFICER6\_Q11INJ, OFFICER7\_Q11INJ).

FREQ VARS OFFICERS\_INJURED.

\*Q11 type of injury per suspect.

COMPUTE SUSPECT1\_Q12INJ = MAX(s1bruise, s1lac,s1bone,s1stab,s1gun,s1burn,s1othinj).

COMPUTE SUSPECT2\_Q12INJ = MAX(s2bruise, s2lac,s2bone,s2stab,s2gun,s2burn,s2othinj).

COMPUTE SUSPECT3\_Q12INJ = MAX(s3bruise, s3lac,s3bone,s3stab,s3gun,s3burn,s3othinj).

COMPUTE SUSPECT4\_Q12INJ = MAX(s4bruise,s4lac,s4bone,s4stab,s4gun,s4burn,s4othinj).

COMPUTE SUSPECT5\_Q12INJ = MAX(s5bruise,s5lac,s5bone,s5stab,s5gun,s5burn,s5othinj).

COMPUTE SUSPECT6\_Q12INJ = MAX(s6bruise,s6lac,s6bone,s6stab,s6gun,s6burn,s6othinj).

COMPUTE SUSPECT7\_Q12INJ = MAX(s7bruise,s7lac,s7bone,s7stab,s7gun,s7burn,s7othinj).

EXEC.

COMPUTE SUSPECTS\_INJURED = MAX(SUSPECT1\_Q12INJ, SUSPECT2\_Q12INJ, SUSPECT3\_Q12INJ,  
SUSPECT4\_Q12INJ, SUSPECT5\_Q12INJ,SUSPECT6\_Q12INJ,SUSPECT7\_Q12INJ).

EXEC.

```
*****  
*****  
*****INJURY SEVERITY.  
*****  
*****
```

O\_SEVERITY1 = MAX(O1SEVERE,O2SEVERE,O3SEVERE,O4SEVERE,O5SEVERE,O6SEVERE,O7SEVERE).

S\_SEVERITY1 = MAX(S1SEVERE,S2SEVERE,S3SEVERE,S4SEVERE,S5SEVERE,S6SEVERE,S7SEVERE).

EXEC.

\*\*\*CONTINUE THIS.

\*\*\*\*\*  
\*\*\*\*\*

\*\*\*\*\*MEDICAL ATTENTION.

\*\*\*\*\*  
\*\*\*\*\*

IF (MAX(medo1,medo2,medo3,medo4,medo5,medo6,medo7)=1) medo = 1.

IF (MAX(medo1,medo2,medo3,medo4,medo5,medo6,medo7)=2) medo = 0.

IF (MAX(medo1,medo2,medo3,medo4,medo5,medo6,medo7)=0) medo = 0.

EXEC.

IF (MAX(meds1,meds2,meds3,meds4,meds5,meds6,meds7)=1) meds = 1.

IF (MAX(meds1,meds2,meds3,meds4,meds5,meds6,meds7)=2) meds = 0.

IF (MAX(meds1,meds2,meds3,meds4,meds5,meds6,meds7)=0) meds = 0.

EXEC.

\*\*\*\*\*  
\*\*\*\*\*

\*\*\*\*\*HOSPITALIZATION.

\*\*\*\*\*  
\*\*\*\*\*

IF (MAX(o1hosp,o2hosp,o3hosp,o4hosp,o5hosp,o6hosp,o7hosp)=1) hospo = 1.

IF (MAX(o1hosp,o2hosp,o3hosp,o4hosp,o5hosp,o6hosp,o7hosp)=2) hospo = 1.

IF (MAX(o1hosp,o2hosp,o3hosp,o4hosp,o5hosp,o6hosp,o7hosp)=0) hospo = 0.

EXEC.

IF (MAX(s1hosp,s2hosp,s3hosp,s4hosp,s5hosp,s6hosp,s7hosp)=1) hosps = 1.

IF (MAX(s1hosp,s2hosp,s3hosp,s4hosp,s5hosp,s6hosp,s7hosp)=2) hosps = 1.

IF (MAX(s1hosp,s2hosp,s3hosp,s4hosp,s5hosp,s6hosp,s7hosp)=0) hosps = 0.

EXEC.

FREQ VARS hospo hosps.

DO IF (medo = 0).

RECODE hospo (SYSMIS = 0).

END IF.

EXEC.

DO IF (meds = 0).

RECODE hosps (SYSMIS = 0).

END IF.

EXEC.

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*SUSPECT RACE = WHITE.

\*\*\*\*\*

\*\*\*\*\*

COMPUTE Srace = MEAN(srace1,srace2,srace3,srace4,srace5,srace6.srace7).

VARIABLE LABELS Srace 'Race of Suspect, Non Integers reflect mix of suspect races'.

EXEC.

IF (Srace = 1) SWhite = 1.

IF (Srace gt 1) SWhite = 0.

EXEC.

FREQ VARS Swhite.

```
*****
*****
*****SUSPECT SEX = MALE.
*****
*****
```

COMPUTE SGender = MEAN(sgender1,sgender,sgender3,sgender4,sgender5,sgender6,sgender7).

EXEC.

FREQ VARS SGender.

IF (SGender = 1) SMale = 1.

IF (SGender ne 1) SMale = 0.

EXEC.

FREQ VARS SMale.

```
*****
*****
```

```
*****SUSPECT AGE = 25 & UNDER.
```

```
*****
*****
```

```
COMPUTE SAGE = MEAN(sage1,sage2,sage3,sage4,sage5,sage6,sage7).
```

```
EXEC.
```

```
FREQ VARS SAGE.
```

```
IF (SAGE LE 2) Sage25Under = 1.
```

```
IF (SAGE GT 2) Sage25Under = 0.
```

```
EXEC.
```

```
FREQ VARS Sage25Under.
```

```
*****
*****
```

```
*****SUSPECT BEHAVIOR.
```

```
*****
*****
```

```
RECODE flee1 flee2 flee3 flee4 flee5 flee6 flee7 (1 = 2).
```

```
RECODE vb1 vb2 vb3 vb4 vb5 vb6 vb7 (1 = 3).
```

```
RECODE other1 other2 other3 other4 other5 other6 other7 (1 = 4).
```

```
RECODE agg1 agg2 agg3 agg4 agg5 agg6 agg7 (1 = 5).
```

RECODE aa1 aa2 aa3 aa4 aa5 aa6 aa7 (1 = 6).

RECODE df1 df2 df3 df4 df5 df6 df7 (1 = 7).

EXEC.

COMPUTE s1behmax = MAX(pass1,flee1,vb1,other1,agg1,aa1,df1).

COMPUTE s2behmax = MAX(pass2,flee2,vb2,other2,agg2,aa2,df2).

COMPUTE s3behmax = MAX(pass3,flee3,vb3,other3,agg3,aa3,df3).

COMPUTE s4behmax = MAX(pass4,flee4,vb4,other4,agg4,aa4,df4).

COMPUTE s5behmax = MAX(pass5,flee5,vb5,other5,agg5,aa5,df5).

COMPUTE s6behmax = MAX(pass6,flee6,vb6,other6,agg6,aa6,df6).

COMPUTE s7behmax = MAX(pass7,flee7,vb7,other7,agg7,aa7,df7).

EXEC.

COMPUTE SBEHMAX =

MAX(s1behmax,s2behmax,s3behmax,s4behmax,s5behmax,s6behmax,s7behmax).

VALUE LABELS SBEHMAX 1 'Passive' 2 'Fleeing' 3 'Verbal' 4 'Other' 5 'Mild Aggression' 6 'Severe Aggression' 7 'Deadly Force'.

EXEC.

FREQ VARS SBEHMAX.

RECODE SBEHMAX (0 Thru 4 = 0) (5 Thru 7 = 1) INTO SBEHVOL.

EXEC.

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*SUSPECT WEAPON = YES.

```
*****  
*****
```

```
COMPUTE S1Weap_Y = MAX(s1knife,s1club,s1fire,othsw1).
```

```
COMPUTE S2Weap_Y = MAX(s2knife,s2club,s2fire,othsw2).
```

```
COMPUTE S3Weap_Y = MAX(s3knife,s3club,s3fire,othsw3).
```

```
COMPUTE S4Weap_Y = MAX(s4knife,s4club,s4fire,othsw4).
```

```
COMPUTE S5Weap_Y = MAX(s5knife,s5club,s5fire,othsw5).
```

```
COMPUTE S6Weap_Y = MAX(s6knife,s6club,s6fire,othsw6).
```

```
COMPUTE S7Weap_Y = MAX(s7knife,s7club,s7fire,othsw7).
```

```
EXEC.
```

```
FREQ VARS s1weap_yn s2weap_yn s3weap_yn s4weap_yn s5weap_yn s6weap_yn s7weap_yn.
```

```
COMPUTE SWEAP_Y =
```

```
MAX(S1WEAP_Y,S2WEAP_Y,S3WEAP_Y,S4WEAP_Y,S5WEAP_Y,S6WEAP_Y,S7WEAP_Y).
```

```
EXEC.
```

```
COMPUTE SWEAP_N = MAX(s1none,s2none,s3none,s4none,s5none,s6none,s7none).
```

```
EXEC.
```

```
RECODE SWEAP_Y SWEAP_N (SYSMIS = -9).
```

```
EXEC.
```

```
CROSSTABS
```

```
  /TABLES=SWEAP_Y BY SWEAP_N
```



/FORMAT=AVALUE TABLES

/CELLS=COUNT

/COUNT ROUND CELL.

IF (SWEAP\_Y = 1) SWEAP\_YN = 1.

IF (SWEAP\_Y = 0) SWEAP\_YN = 0.

IF (SWEAP\_Y = -9 AND SWEAP\_N = 1) SWEAP\_YN = 0.

EXEC.

FREQ VARS SWEAP\_YN.

```
*****
*****
*****SUSPECT GUN WOUND.
*****
*****
```

IF (SINJ GE 0) SGSW = 0.

IF (MAX(S1GUN,S2GUN,S3GUN,S4GUN,S5GUN,S6GUN,S7GUN) = 1) SGSW = 1.

EXEC.

VARIABLE LABELS SGSW 'Suspect suffered a gunshot wound' .

FREQ VARS SGSW.

```
*****
*****
*****SUSPECT DEATH.
*****
*****
```

FREQ VARS DIEDS1 DIEDS2 DIEDS3 DIEDS4 DIEDS5 DIEDS6 DIEDS7.

COMPUTE SDEATH = MAX(DIEDS1,DIEDS2, DIEDS3, DIEDS4, DIEDS5, DIEDS6, DIEDS7).

EXEC.

DO IF SINJ = 0.

RECODE SDEATH (SYSMIS = 0).

END IF.

EXEC.

VARIABLE LABELS SDEATH 'Suspect(s) Died'

FREQ VARS SDEATH.

```
*****
*****
*****OFFICER GUN WOUND.
*****
*****
```

IF (OINJ GE 0) OGSW = 0.

IF (MAX(O1GUN,O2GUN,O3GUN,O4GUN,O5GUN,O6GUN,O7GUN) = 1) OGSW = 1.

EXEC.

VARIABLE LABELS OGSW 'Officer suffered a gunshot wound'.

FREQ VARS OGSW.

```
*****
*****
*****SUSPECT INJURY SEVERITY
***** Creates an overall Suspect Severe injury variable from two sources.
***** One is the categorization of a severe injury and the other from the
***** type of injury.
*****
*****
```

COMPUTE SSEVERE1 = MAX(S1SEVERE,S2SEVERE, S3SEVERE, S4SEVERE, S5SEVERE, S6SEVERE, S7SEVERE).

EXEC.

COMPUTE SBRUISE = MAX(s1bruise, s2bruise, s3bruise, s4bruise, s5bruise, s6bruise, s7bruise).

COMPUTE SLAC = MAX(s1lac, s2lac, s3lac, s4lac, s5lac, s6lac, s7lac )\*2.

COMPUTE SBURN = MAX(s1burn, s2burn, s3burn, s4burn, s5burn, s6burn, s7burn)\*3.

COMPUTE SBONE = MAX(s1bone, s2bone, s3bone, s4bone, s5bone, s6bone, s7bone)\*4.

COMPUTE SSTAB = MAX(s1stab, s2stab, s3stab, s4stab, s5stab, s6stab, s7stab)\*5.

COMPUTE SGUN = MAX(s1gun, s2gun, s3gun, s4gun, s5gun, s6gun, s7gun)\*6.

COMPUTE SOTHER = MAX(s1othinj,s2othinj,s3othinj,s4othinj,s5othinj,s6othinj,s7othinj).

EXEC.

COMPUTE STYPEINJ = MAX(SBRUISE,SLAC,SBURN,SBONE,SSTAB,SGUN,SOTHER).

EXEC.

FREQ VARS STYPEINJ.

IF (SINJ GE 0) SSEVERE2 = 0.

IF (STYPEINJ GE 1 AND STYPEINJ LE 3) SSEVERE2 = 1.

IF (STYPEINJ GE 4) SSEVERE2 = 2.

EXEC.

FREQ VARS SSEVERE1 SSEVERE2.

COMPUTE SINJ012 = MAX(SSEVERE1,SSEVERE2).

VARIABLE LABELS SINJ012 'No, Minor, or Severe Suspect Injury'.

VALUE LABELS SINJ012 0 'No Injury' 1 'Minor Injury' 2 'Severe Injury'.

EXEC.

\*\*\*\*\*  
\*\*\*\*\*

\*The code below creates the severity variables, either as Y/N or "No, Minor, or Severe injury

\*\*\*\*\*  
\*\*\*\*\*

RECODE SINJ012 (0 = SYSMIS) (ELSE = COPY) INTO SINJ12.

VARIABLE LABELS SINJ12 'Minor or Severe Suspect Injury'.

VALUE LABELS SINJ12 1 'Minor Injury' 2 'Severe Injury'.

EXEC.

FREQ VARS SINJ012 SINJ12.

```
*****
*****
*****OFFICER INJURY SEVERITY.
***** Creates an overall Officer Severe injury variable from two sources.
***** One is the categorization of a severe injury and the other from the
***** type of injury.
*****
*****
```

COMPUTE OSEVERE1 = MAX(O1SEVERE,O2SEVERE, O3SEVERE, O4SEVERE, O5SEVERE, O6SEVERE, O7SEVERE).

EXEC.

COMPUTE OBRUISE = MAX(o1bruise, o2bruise, o3bruise, o4bruise, o5bruise, o6bruise, o7bruise).

COMPUTE OLAC = MAX(o1lac, o2lac, o3lac, o4lac, o5lac, o6lac, o7lac )\*2.

COMPUTE OBURN = MAX(o1burn, o2burn, o3burn, o4burn, o5burn, o6burn, o7burn)\*3.

COMPUTE OBONE = MAX(o1bone, o2bone, o3bone, o4bone, o5bone, o6bone, o7bone)\*4.

COMPUTE OSTAB = MAX(o1stab, o2stab, o3stab, o4stab, o5stab, o6stab, o7stab)\*5.

COMPUTE OGUN = MAX(o1gun, o2gun, o3gun, o4gun, o5gun, o6gun, o7gun)\*6.

COMPUTE OOTHER = MAX(o1othinj,o2othinj,o3othinj,o4othinj,o5othinj,o6othinj,o7othinj).

EXEC.

COMPUTE OTYPEINJ = MAX(OBRUISE,OLAC,OBURN,OBONE,OSTAB,OGUN,OTHER).

EXEC.

FREQ VARS OTYPEINJ.

IF (OINJ GE 0) OSEVERE2 = 0.

IF (OTYPEINJ GE 1 AND OTYPEINJ LE 3) OSEVERE2 = 1.

IF (OTYPEINJ GE 4) OSEVERE2 = 2.

EXEC.

FREQ VARS OSEVERE1 OSEVERE2.

COMPUTE OINJ012 = MAX(OSEVERE1,OSEVERE2).

VARIABLE LABELS OINJ012 'No, Minor, or Severe Officer Injury'.

VALUE LABELS OINJ012 0 'No Injury' 1 'Minor Injury' 2 'Severe Injury'.

EXEC.

```
*****  
*****
```

\*The code below creates the severity variables, either as Y/N or "No, Minor, or Severe injury

```
*****  
*****.
```

RECODE OINJ012 (0 = SYSMIS) (ELSE = COPY) INTO OINJ12.

VARIABLE LABELS OINJ12 'Minor or Severe Officer Injury'.

VALUE LABELS OINJ12 1 'Minor Injury' 2 'Severe Injury'.

EXEC.

FREQ VARS OINJ012 OINJ12.

\*\*\*\*\*  
\*\*\*\*\*.

\*\*\*\*\*OFFICER WEAPON USE VARS.

\*\*\*\*\*  
\*\*\*\*\*.

COMPUTE O1ANYWEAP =  
MAX(uso1oc,uso1ced,uso1side,uso1exp,uso1sec,uso1chem,uso1imp,uso1oth).

COMPUTE O2ANYWEAP =  
MAX(uso2oc,uso2ced,uso2side,uso2exp,uso2sec,uso2chem,uso2imp,uso2oth).

COMPUTE O3ANYWEAP =  
MAX(uso3oc,uso3ced,uso3side,uso3exp,uso3sec,uso3chem,uso3imp,uso3oth).

COMPUTE O4ANYWEAP =  
MAX(uso4oc,uso4ced,uso4side,uso4exp,uso4sec,uso4chem,uso4imp,uso4oth).

COMPUTE O5ANYWEAP =  
MAX(uso5oc,uso5ced,uso5side,uso5exp,uso5sec,uso5chem,uso5imp,uso5oth).

COMPUTE O6ANYWEAP =  
MAX(uso6oc,uso6ced,uso6side,uso6exp,uso6sec,uso6chem,uso6imp,uso6oth).

COMPUTE O6ANYWEAP =  
MAX(uso6oc,uso6ced,uso6side,uso6exp,uso6sec,uso6chem,uso6imp,uso6oth).

COMPUTE O7ANYWEAP =  
MAX(uso7oc,uso7ced,uso7side,uso7exp,uso7sec,uso7chem,uso7imp,uso7oth).

EXEC.

FREQ VARS O1ANYWEAP.

COMPUTE OUSEANYWEAP =  
MAX(O1ANYWEAP,O2ANYWEAP,O3ANYWEAP,O4ANYWEAP,O5ANYWEAP,O6ANYWEAP,O7ANYWEAP).

VARIABLE LABELS OUSEANYWEAP 'Officer(s) used a weapon in the incident'.

EXEC.

FREQ VARS OUSEANYWEAP.

DO IF (SITE = 10).

RECODE OUSEANYWEAP (SYSMIS = 0).

END IF.

EXEC.

IF (OUSEANYWEAP GE 0) USED\_GUN = 0.

IF (MAX(uso1sec,uso2sec,uso3sec,uso4sec,uso5sec,uso6sec,uso7sec) = 1) USED\_GUN = 1.

IF (OUSEANYWEAP GE 0) USED\_CHEM = 0.

IF (MAX(uso1chem,uso2chem,uso3chem,uso4chem,uso5chem,uso6chem,uso7chem) = 1) USED\_CHEM  
= 1.

IF (OUSEANYWEAP GE 0) USED\_IMP = 0.

IF (MAX(uso1imp,uso2imp,uso3imp,uso4imp,uso5imp,uso6imp,uso7imp) = 1) USED\_IMP = 1.

IF (OUSEANYWEAP GE 0) USED\_OTHER = 0.

IF (MAX(uso1oth,uso2oth,uso3oth,uso4oth,uso5oth,uso6oth,uso7oth) = 1) USED\_OTHER = 1.

IF (OUSEANYWEAP GE 0) USED\_CED = 0.



IF (MAX(uso1ced,uso2ced,uso3ced,uso4ced,uso5ced,uso6ced,uso7ced) = 1) USED\_CED = 1.

IF (OUSEANYWEAP GE 0) USED\_OC = 0.

IF (MAX(uso1oc,uso2oc,uso3oc,uso4oc,uso5oc,uso6oc,uso7oc) = 1) USED\_OC = 1.

IF (OUSEANYWEAP GE 0) USED\_BATON = 0.

IF

(MAX(uso1side,uso2side,uso3side,uso4side,uso5side,uso6side,uso7side,uso1exp,uso2exp,uso3exp,uso4exp,uso5exp,uso6exp,uso7exp) = 1) USED\_BATON = 1.

EXEC.

VARIABLE LABELS

USED\_CHEM 'Officer(s) used a chemical agent (other than OC spray)'

USED\_IMP 'Officer(s) used impact munitions'.

FREQ VARS USED\_CED USED\_OC USED\_BATON USED\_GUN USED\_CHEM USED\_IMP USED\_OTHER.

IF(OUSEANYWEAP GE 0) ONLYUSED\_CED = 0.

IF (USED\_CED = 1 AND MAX(USED\_GUN,USED\_CHEM,USED\_IMP,USED\_OTHER,USED\_OC,USED\_BATON) = 0) ONLYUSED\_CED = 1.

IF (OUSEANYWEAP GE 0) ONLYUSED\_BATON = 0.

IF (USED\_BATON = 1 AND MAX(USED\_GUN,USED\_CHEM,USED\_IMP,USED\_OTHER,USED\_OC,USED\_CED) = 0) ONLYUSED\_BATON = 1.

IF (OUSEANYWEAP GE 0) ONLYUSED\_OC = 0.

IF (USED\_OC = 1 AND MAX(USED\_GUN,USED\_CHEM,USED\_IMP,USED\_OTHER,USED\_BATON,USED\_CED) = 0) ONLYUSED\_OC = 1.

COMPUTE CED\_PLUS\_OTHER = USED\_CED - ONLYUSED\_CED.

EXEC.

FREQ VARS ONLYUSED\_CED ONLYUSED\_BATON ONLYUSED\_OC CED\_PLUS\_OTHER.

IF (OUSEANYWEAP GE 0) OTHERTHAN\_CED\_OC\_BATON = 0.

IF (ONLYUSED\_BATON = 0 AND ONLYUSED\_CED = 0 AND ONLYUSED\_OC = 0 AND CED\_PLUS\_OTHER = 0)  
OTHERTHAN\_CED\_OC\_BATON = 1.

EXEC.

COMPUTE

N\_OfficerWeapons=SUM(USED\_CED,USED\_OC,USED\_BATON,USED\_GUN,USED\_CHEM,USED\_IMP,USED  
\_OTHER).

VARIABLE LABELS N\_OfficerWeapons 'Number of weapons used by Officer(s) in the incident'.

EXECUTE.

FREQ VARS N\_OfficerWeapons.

IF (ONLYUSED\_CED = 1) OWEAP\_TYPE = 1.

IF (ONLYUSED\_BATON = 1) OWEAP\_TYPE = 2.

IF (ONLYUSED\_OC = 1) OWEAP\_TYPE = 3.

IF (OUSEANYWEAP = 1 AND MAX(ONLYUSED\_CED,ONLYUSED\_BATON,ONLYUSED\_OC) = 0)  
OWEAP\_TYPE = 4.

IF (OUSEANYWEAP = 0) OWEAP\_TYPE = 5.

IF (MISSING(OUSEANYWEAP)) OWEAP\_TYPE = -9.

VALUE LABELS OWEAP\_TYPE 1 'CED Only' 2 'Baton Only' 3 'OC Spray Only' 4 'Non CED,OC,Baton OR  
Multiple Weapons Involved' 5 'No Weap Listed' -9 'Weap Data MISSING'.

EXEC.

FREQ VARS OWEAP\_TYPE ONLYUSED\_CED ONLYUSED\_OC ONLYUSED\_BATON.