Readme File for "The War on Poverty's Experiment in Public Medicine: The Impact of Community Health Centers on the Mortality of Older Americans"
Martha Bailey and Andrew Goodman-Bacon
October, 2014

A. Datasets

There are 6 datasets included

1. variables in main analysis file (1959-1998): mortality rates, covariates, weights, CHC variables

```
Contains data from aer_data.dta
  obs:        96,185
 vars:           138                          11 Oct 2014 01:06
 size:    78,102,220                          (_dta has notes)
------------------------------------------------------------------------------------------------
------------------------------
              storage   display    value
variable name   type    format     label      variable label
------------------------------------------------------------------------------------------------
------------------------------
fips            float   %9.0g                 FIPS
stfips          float   %8.0g                 State FIPS
cofips          float   %9.0g               * County FIPS
year            float   %ty                   Calendar Year
chc_year_exp    int     %9.0g                 Year of first non-planning CHC grant
exp1            byte    %9.0g                 event-time, 1965-1974 CHCs
exp2            byte    %9.0g                 event-time, all CHCs
exp1_1998       float   %9.0g                 event-time, 1965-1974 CHCs, 1959-1998 data
did1            byte    %9.0g                 diff-in-diff groups, 1965-1974 CHCs
did2            byte    %9.0g                 diff-in-diff groups, all CHCs
samp8998        float   %9.0g                 counties observed 1959-1998
amr_eld_2       double  %9.0g                 AMR, 50+, Cardiovascular Disease
amr_eld_3       double  %9.0g                 AMR, 50+, Cerebrovascular Disease
amr_eld_4       double  %9.0g                 AMR, 50+, Cancer
amr_eld_5       double  %9.0g                 AMR, 50+, Infectious Disease
amr_eld_6       double  %9.0g                 AMR, 50+, Diabetes
amr_eld_7       double  %9.0g                 AMR, 50+, Accidents
amr_eld         double  %9.0g                 AMR, 50+
amr_w_eld       double  %9.0g                 AMR, White, 50+
amr_nw_eld      double  %9.0g                 AMR, Nonwhite, 50+
amr_ad_2        double  %9.0g                 AMR, Adults, Cardiovascular Disease
amr_ad_3        double  %9.0g                 AMR, Adults, Cerebrovascular Disease
amr_ad_4        double  %9.0g                 AMR, Adults, Cancer
amr_ad_5        double  %9.0g                 AMR, Adults, Infectious Disease
amr_ad_6        double  %9.0g                 AMR, Adults, Diabetes
amr_ad_7        double  %9.0g                 AMR, Adults, Accidents
amr_ad          double  %9.0g                 AMR, 20-49
amr_ch_2        double  %9.0g                 AMR, Children, Cardiovascular Disease
amr_ch_3        double  %9.0g                 AMR, Children, Cerebrovascular Disease
amr_ch_4        double  %9.0g                 AMR, Children, Cancer
amr_ch_5        double  %9.0g                 AMR, Children, Infectious Disease
amr_ch_6        double  %9.0g                 AMR, Children, Diabetes
amr_ch_7        double  %9.0g                 AMR, Children, Accidents
amr_ch          double  %9.0g                 AMR, 1-19
amr             double  %9.0g                 AMR, All Ages
imr             float   %9.0g                 Infant Mortality Rate
nnmr            float   %9.0g                 Neonatal Infant Mortality Rate
pnmr            float   %9.0g                 Postneonatal Infant Mortality Rate
asmr_5064_2     double  %9.0g                 ASMR, 50-64, Cardiovascular Disease
asmr_6500_2     double  %9.0g                 ASMR, 65+, Cardiovascular Disease
asmr_5064_3     double  %9.0g                 ASMR, 50-64, Cerebrovascular Disease
asmr_6500_3     double  %9.0g                 ASMR, 65+, Cerebrovascular Disease
asmr_5064_4     double  %9.0g                 ASMR, 50-64, Cancer
asmr_6500_4     double  %9.0g                 ASMR, 65+, Cancer
asmr_5064_5     double  %9.0g                 ASMR, 50-64, Infectious Disease
asmr_6500_5     double  %9.0g                 ASMR, 65+, Infectious Disease
```

asmr_5064_6	double	%9.0g	ASMR, 50-64, Diabetes
asmr_6500_6	double	%9.0g	ASMR, 65+, Diabetes
asmr_5064_7	double	%9.0g	ASMR, 50-64, Accidents
asmr_6500_7	double	%9.0g	ASMR, 65+, Accidents
asmr_6579	double	%9.0g	ASMR, 65-79
asmr_8000	double	%9.0g	ASMR, 80+
asmr_5064	double	%9.0g	ASMR, 50-64
asmr_6500	double	%9.0g	ASMR, 65+
copop_6579	double	%9.0g	Population, 65-79
copop_8000	double	%9.0g	Population, 80+
copop_5064	double	%9.0g	Population, 50-64
copop_6500	double	%9.0g	Population, 65+
copop_w_eld	double	%9.0g	Population, White, 50+
copop_nw_eld	double	%9.0g	Population, Nonwhite, 50+
copop_eld	double	%9.0g	Population, 50+
copop_ad	double	%9.0g	Population, 20-49
copop_ch	double	%9.0g	Population, 1-19
copop	double	%9.0g	Population, Total
births	float	%9.0g	Live Births
popwt_6579	double	%9.0g	Population (1960), 65-79
popwt_8000	double	%9.0g	Population (1960), 80+
popwt_5064	long	%9.0g	Population (1960), 50-64
popwt_6500	long	%9.0g	Population (1960), 65+
popwt_w_eld	long	%9.0g	Population (1960), White, 50+
popwt_nw_eld	long	%9.0g	Population (1960), Nonwhite, 50+
popwt_eld	long	%9.0g	Population (1960), 50+
popwt_ad	long	%9.0g	Population (1960), 20-49
popwt_ch	long	%9.0g	Population (1960), 1-19
popwt	long	%9.0g	Population (1960), Total
popwt60	float	%9.0g	(mean) totcopop
bwt_w	float	%9.0g	White Live Births (1960)
bwt_nw	int	%9.0g	Nonwhite Live Births (1960)
bwt	float	%9.0g	Live Births (1960)
dflpopwgt1_6579	float	%9.0g	DFLxPop Weight, Early CHCs, 65-79
dflpopwgt1_8000	float	%9.0g	DFLxPop Weight, Early CHCs, 80+
dflpopwgt1_5064	float	%9.0g	DFLxPop Weight, Early CHCs, 50-64
dflpopwgt1_6500	float	%9.0g	DFLxPop Weight, Early CHCs, 65+
dflpopwgt1_eld	float	%9.0g	DFLxPop Weight, Early CHCs, 50+
dflpopwgt2_eld	float	%9.0g	DFLxPop Weight, All CHCs, 50+
dflpopwgt1_ad	float	%9.0g	DFLxPop Weight, Early CHCs, 20-49
dflpopwgt1_ch	float	%9.0g	DFLxPop Weight, Early CHCs, 1-19
dflpopwgt1_inf	float	%9.0g	
dflpopwgt1	float	%9.0g	DFLxPop Weight, Early CHCs, All Ages
dflpopwgt2	float	%9.0g	DFLxPop Weight, All CHCs, All Ages
pscore1	float	%9.0g	Propensity Score, 1965-1974 CHCs
pscore2	float	%9.0g	Propensity Score, All CHCs
D_pct59inclt3~t	float	%9.0g	1959: Inc<3k x Trend
D_60pctnonwhi~t	float	%9.0g	1960: Nonwhite x Trend
D_60pctrurf_t	float	%9.0g	1960: Rural x Trend
D_60pcturban_t	float	%9.0g	1960: Urban x Trend
D_tot_act_md_t	float	%9.0g	1960: Total Active MDs x Trend
_60pcturban	double	%10.0g	% urban 1960
_60pctrurf	double	%10.0g	% rural farm 1960
_60pctnonwhit	double	%10.0g	% nonwhite 1960
_60pct04years	double	%10.0g	% population aged 0-4 (1960)
_60pctmt64years	double	%10.0g	% population aged 65+ (1960)
_59medfaminc	float	%12.0g	Median family income, 1959
_pct59inclt3k	double	%10.0g	% w/ 1959 family income <$3000 (1960)
_pct59incmt10k	double	%10.0g	% w/ 1959 family income $10,000+ (1960)
_60medschlmt24	double	%10.0g	Median years schooling/persons 25+ (1960)
_60pctlt4schl	double	%10.0g	% persons 25+ w/ <4 yrs schooling (1960)
_60pctmt12schl	double	%10.0g	% persons 25+ w/ 12+ yrs schooling (1960)
_tot_act_md	double	%10.0g	(sum) tot_act_md
_tot_med_stud	double	%10.0g	(sum) tot_med_stud_69
R_tranpcret	double	%10.0g	Retirement Transfers PC (REIS)
R_tranpcpa1	double	%10.0g	Public Assistance Transfers PC (REIS)
tranpcmcare1	double	%10.0g	Medicare + Military Medical PC (REIS)
tranpcmcare	double	%10.0g	Medicare PC (REIS)
tranpcmcaid	double	%10.0g	Medicaid PC (REIS)
H_bpc	float	%9.0g	Beds per Capita (AHA)
H_hpc	float	%9.0g	Hospitals per Capita (AHA)

```
er_a            float   %9.0g                 Medicare Part A Enrollment Rate
er_b            float   %9.0g                 Medicare Part B Enrollment Rate
er_ab           float   %9.0g                 Medicare Part A+B Enrollment Rate
rpe_amt_a       float   %9.0g                 Medicare Part A Per-Recipient Expenditures
rpe_amt_b       float   %9.0g                 Medicare Part B Per-Recipient Expenditures
rpe_amt_ab      float   %9.0g                 Medicare Part A+B Per-Recipient Expenditures
grant_hs        float   %9.0g                 Head Start Grant
grant_capadmin  float   %9.0g                 CAP Admin Grant
grant_legal     float   %9.0g                 LSP Grant
grant_health    float   %9.0g                 CAP Health Grant
grant_sen       float   %9.0g                 CAP Seniors Program Grant
grant_fs        float   %9.0g                 Received ANY grant for Food Stamps?
grant_chc       float   %9.0g                 CHC Grant
pcrfund_hs      float   %9.0g                 Real PC HS Funds
pcrfund_capad~n float   %9.0g                 Real PC CAP Admin Funds
pcrfund_legal   float   %9.0g                 Real PC LSP Funds
pcrfund_health  float   %9.0g                 Real PC CAP Health Funds
pcrfund_sen     float   %9.0g                 Real PC CAP Seniors Funds
pcrfund_chc     float   %9.0g                 Real PC CHC Funds
imr_w           float   %9.0g                 White, Infant Mortality Rate
imr_nw          float   %9.0g                 Nonwhite Infant Mortality Rate
```

2. IPUMS extract (1970) Census with CHC variables

```
Contains       data from C:\Users\ajgb\Desktop\aer_data/aer_cen70.dta
obs:    1,402,330
vars:   15                          10 Oct 2014 23:07
size:   71,518,830                     (_dta has notes)

       storage   display    value
variable       name   type    format     label      variable label

hhwt    float   %10.2f
sex     byte    %8.0g
race    byte    %8.0g
DSMIG   float   %9.0g                 Interstate migrant
DHMIG   float   %9.0g                 Moved between houses,  no     one    under   5
agecat  float   %9.0g
edcat   float   %9.0g
ch5     float   %9.0g
nch     byte    %9.0g                 RECODE of nchild
dpov    float   %9.0g
Dpoor   float   %9.0g
treat   float   %9.0g
fips    float   %9.0g
dmil    float   %9.0g
dcoll   float   %9.0g
```

3. AHA data by county (1948-1990) with CHC variables

```
Contains data from C:\Users\ajgb\Desktop\aer_data/aer_chc_aha.dta
  obs:       125,460
 vars:            17                          30 Sep 2014 03:04
 size:     9,534,960                          (_dta has notes)
-------------------------------------------------------------------------------------------------
------------------------------
              storage   display    value
variable name   type    format     label      variable label
-------------------------------------------------------------------------------------------------
------------------------------
stfips          float   %9.0g
cofips          float   %9.0g                *
year            float   %9.0g
popwt60         double  %9.0g                (sum) copop
copop           double  %9.0g                (sum) copop
chc_year_exp    float   %9.0g                (min) chc_year_exp
D_pct59inclt3~t float   %9.0g
```

```
D_60pctnonwhi~t float   %9.0g
D_60pctrurf_t   float   %9.0g
D_60pcturban_t  float   %9.0g
D_tot_act_md_t  float   %9.0g
fips            float   %9.0g
exp             float   %9.0g
exp2            float   %9.0g
exp1            float   %9.0g
bpc             float   %9.0g
hpc             float   %9.0g
```

4. Selected variables from the OEO 11-City Survey

```
Contains data from C:\Users\ajgb\Desktop\aer_data/aer_nhc.dta
obs:        47,810
vars:             5                          10 Oct 2014 22:37
size:       239,050

storage   display    value
variable name   type    format     label      variable label

age             byte    %10.0g
int_race_r      byte    %9.0g      int_race_r
RECODE of int_race (Respondent's race)
hh_neighb_r     byte    %29.0g     hh_neighb_r
RECODE of hh_neighb (2. How long have the people in this household lived in       this
hh_knew_comphc  byte    %10.0g     hh_knew_comphc
94. Had you heard of the comprehensive health center, before this survey?
h_subj          byte    %10.0g     h_subj      In general, would you say your own health is
excellent, good, fair, or po
```

5. 1960 Characteristics with CHC variables (ICPSR 2896)

```
Contains data from C:\Users\ajgb\Desktop\aer_data/aer_pscore_data.dta
obs:         3,068
vars:            41                          26 Sep 2014 19:36
size:       736,320                          (_dta has notes)

storage   display    value
variable name   type    format     label      variable label

treat1          float   %9.0g
treat2          float   %9.0g
_copop          double  %9.0g                 Total population over 50 in 1960
_copop2         float   %9.0g                 Total population over 50 in 1960 Squared
_popden         double  %10.0g                Population per sq. mile 1960
_popden2        float   %9.0g
_pctpopgro      double  %10.0g                % population growth 1950-1960
_pctnw          double  %10.0g                % nonwhite 1960
_pct04          double  %10.0g                % population aged 0-4 (1960)
_pct21          double  %10.0g                % population aged 21+ (1960)
_pct65          double  %10.0g                % population aged 65+ (1960)
_pcturb         double  %10.0g                % urban 1960
_pctrur         double  %10.0g                % rural farm 1960
_pctinclt3k     double  %10.0g                % w/ 1959 family income <$3000 (1960)
_pctincgt10k    double  %10.0g                % w/ 1959 family income $10,000+ (1960)
_pctschlt4      double  %10.0g                % persons 25+ w/ <4 yrs schooling (1960)
_pctschlgt12    double  %10.0g                % persons 25+ w/ 12+ yrs schooling (1960)
_lfp            float   %9.0g                 Total civilian labor force 1960 per population
_pctlfue        double  %10.0g                % civilian labor force unemployed 1960
_pctlfmale      double  %10.0g                % civilian labor force male 1960
_houses_per1000 float   %9.0g                 Total housing units 1960 per 1000 population
_pctrent        float   %9.0g                 % of housing units that are renter occupied
_pctplumb       double  %10.0g                % housing units sound w/ all plumbing facilities
196
_pcttv          double  %10.0g                % occupied housing units w/ TV set 1960
```

```
_pcttel         double  %10.0g                % occupied housing units w/ telephone 1960
_pctcar         double  %10.0g                % occupied housing units w/ 1 automobile 1960
_medrooms       double  %10.0g                Median # rooms per housing unit 1960
_hosp68         float   %9.0g
_md_per1000     float   %9.0g                 MDs in 1960 per 1000 population
_govtexp_p~1000 float   %9.0g                 Local gov'ts: total general expenditure ($000s)
1957    per     1000    population
stfips          float   %9.0g                 State FIPS Code
cofips          float   %9.0g                 County FIPS Code
chc_year_exp    float   %9.0g
X_pop           double  %10.0g                (sum) _pop
_tot_med_stu~69 double  %10.0g                (sum) tot_med_stud_69
_dms            float   %9.0g                 Any Med Students 1969
region          float   %9.0g
_Iregion_2      byte    %8.0g                 region==2
_Iregion_3      byte    %8.0g                 region==3
_Iregion_4      byte    %8.0g                 region==4
_Iregion_5      byte    %8.0g                 region==5
```

6. Selected variables from 1963 and 1970 Surveys of Health Services Utilization and Expenditure (ICPSR 7740, 7741)

```
Contains data from C:\Users\ajgb\Desktop\aer_data/aer_shsue.dta
  obs:        17,434
 vars:            18                          7 Oct 2014 00:12
 size:     1,255,248                          (_dta has notes)
-------------------------------------------------------------------------------------------------
------------------------------
              storage   display    value
variable name   type    format     label      variable label
-------------------------------------------------------------------------------------------------
------------------------------
famid           float   %9.0g                 FAMILY ID NUMBER
perid           float   %9.0g                 PERSON ID NUMBER
area            float   %9.0g                 URBAN/RURAL
psu             float   %9.0g                 PRIMARY SAMPLING UNIT
YBP_rsrce_clin  float   %9.0g                 Reg Source is Clinic, Binary
YBP_dphys       float   %9.0g                 Saw Physician Last Year, Binary
YCP_tot_vis     float   %9.0g                 Scheduled Visits + Hosp Admits, Continuous
YBP_pdrug_oop   float   %9.0g                 Any OOP Prescription Drug Expenditures, Binary
Dwhite          float   %9.0g
pov             float   %9.0g
rfinc           float   %9.0g
D70             float   %9.0g
wgt             float   %9.0g
agecat          float   %9.0g
famsize2        float   %9.0g
YBP_rsrce       float   %9.0g                 1=YES: reg source of care
NHC             float   %9.0g                 NHC==1
D70xNHC         float   %9.0g                 Year==1970 & NHC==1
```

B. do files

There are dofiles that correspond to every figure and table in the main text and appendix except tables describing the data (Appendix A, tables F1 and F2), and those reproduced from other sources (Appendix B). D4. Most files also use "outreg2.ado". There are also excel files that format the outreg file to match the tables in the published paper/appendices. The fixed effects plotted in figure D2 will be in the log file after generating figure 5. We also include a dofile that generates the propensity scores. This code is called in the dofiles that create table 1 and figure D3. The analysis was done in Stata/MP 13.1. The file master_bailey_goodman-bacon.do sets pathnames and runs all the code.

The list of included dofiles is here:

```
$dofile/master_bailey_goodman-bacon
$dofile/pscore
$dofile/outreg2.ado
$dofile/outreg2.hlp

*MAIN TEXT FIGURES AND TABLES
$dofile/figure2
$dofile/figure4
$dofile/figure5
$dofile/figure6
$dofile/figure7
$dofile/figure8
$dofile/figure9a
$dofile/figure9b
$dofile/figure9

$dofile/table1
$dofile/table2
$dofile/table3
$dofile/table4
$dofile/table5


*APPENDIX C
$dofile/appC/figureC1

*APPENDIX D
$dofile/appD/figureD1A
$dofile/appD/figureD1B
$dofile/appD/figureD1C
$dofile/appD/figureD1D
$dofile/appD/figureD3
$dofile/appD/figureD4
$dofile/appD/figureD5
$dofile/appD/figureD6
$dofile/appD/figureD7

$dofile/appD/tableD1
$dofile/appD/tableD2
$dofile/appD/tableD3
```

```
$dofile/appD/tableD4
$dofile/appD/tableD5

*APPENDIX E
$dofile/appE/figureE1
$dofile/appE/figureE2
$dofile/appE/figureE3

$dofile/appE/tableE1

*APPENDIX F
$dofile/appF/tableF3
$dofile/appF/tableF4
$dofile/appF/tableF5
$dofile/appF/tableF6

*APPENDIX G
$dofile/appG/figureG1
$dofile/appG/figureG2
$dofile/appG/figureG3

$dofile/appG/tableG1
$dofile/appG/tableG2
$dofile/appG/tableG3
$dofile/appG/tableG4

*APPENDIX H
$dofile/appH/figureH1
$dofile/appH/figureH2
$dofile/appH/figureH3
$dofile/appH/figureH4

$dofile/appH/tableH1
$dofile/appH/tableH2
$dofile/appH/tableH3
```