

**Microdatos  
de la  
ENOE  
con  
STATA**

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**Mayo 12, 2011**

# Microdatos de la ENOE

	<b>Base de datos</b>	<b>Unidad de análisis</b>
VIV	Vivienda	Vivienda
HOG	Hogares	Hogar
SDEM	Socio-demográfico	Residente
COE1	Registro al Cuestionario de Ocupación y Empleo I	Residente de 12 años ó más
COE2	Registro al Cuestionario de Ocupación y Empleo II	Residente de 12 años ó más

## Ámbitos

- **Áreas más urbanizadas (100 mil y más h.) T\_LOC**
- **Áreas menos urbanizadas (menos de 100 mil h.)**

**Urbano medio (15 mil a 99 mil 999 h.)**

**Urbano bajo (2 mil 500 a 14 mil 999 h.)**

**Rural (menos de 2 mil 500 h.)**

- **32 Entidades Federativas (ENT)**
- **32 Ciudades urbanas auto-representadas (CD\_A)**

# Encuestas en Hogares



## ENOE Encuesta Nacional de Ocupación y Empleo (ENOE)

Microdatos - descarga

Los microdatos de la Encuesta Nacional de Ocupación y Empleo (ENOE) contienen información a nivel nacional, respecto de la dinámica laboral en el país y de las características tanto de la población ocupada, como de la disponible y la desocupada.

Para descargar los archivos DBF comprimidos (formato ZIP) sólo tiene que trasladarlos a su equipo y desempacarlos; para su lectura y procesamiento, es necesario contar con un manejador de bases de datos. Cabe señalar que el resultado de la explotación de la muestra es responsabilidad exclusiva del usuario.

Conociendo la base de datos

Año:  Trimestre:

- 2005
- 2006
- 2007
- 2008
- 2009
- 2010

**Tareas de archivo y carpeta**

**Otros sitios**

- KINGSTON (E:)
- Mis documentos
- MI PC
- Mis sitios de red

**Detalles**

**SDEM\_DBF**  
Carpeta de archivos  
Fecha de modificación: Sábado, 07 de Mayo de 2011, 11:01 a.m.

- |  |  |  |  |
|--|--|--|--|
| <b>sdemt105.dbf</b><br>Archivo DBF<br>151,554 KB | <b>sdemt106.dbf</b><br>Archivo DBF<br>153,155 KB | <b>sdemt107.dbf</b><br>Archivo DBF<br>150,691 KB | <b>sdemt108.dbf</b><br>Archivo DBF<br>148,070 KB |
| <b>sdemt109.dbf</b><br>Archivo DBF<br>193,514 KB | <b>SDEMT110.DBF</b><br>Archivo DBF<br>193,074 KB | <b>sdemt205.dbf</b><br>Archivo DBF<br>153,241 KB | <b>sdemt206.dbf</b><br>Archivo DBF<br>151,758 KB |
| <b>sdemt207.dbf</b><br>Archivo DBF<br>151,047 KB | <b>sdemt208.dbf</b><br>Archivo DBF<br>148,552 KB | <b>sdemt209.dbf</b><br>Archivo DBF<br>191,680 KB | <b>sdemt210.dbf</b><br>Archivo DBF<br>194,121 KB |
| <b>sdemt305.dbf</b><br>Archivo DBF<br>150,747 KB | <b>sdemt306.dbf</b><br>Archivo DBF<br>151,303 KB | <b>sdemt307.dbf</b><br>Archivo DBF<br>149,523 KB | <b>sdemt308.dbf</b><br>Archivo DBF<br>145,824 KB |
| <b>sdemT309.DBF</b><br>Archivo DBF<br>190,446 KB | <b>SDEMT310.DBF</b><br>Archivo DBF<br>192,870 KB | <b>sdemt405.dbf</b><br>Archivo DBF<br>153,947 KB | <b>sdemt406.dbf</b><br>Archivo DBF<br>149,863 KB |
| <b>sdemt407.dbf</b><br>Archivo DBF<br>145,541 KB | <b>sdemt408.dbf</b><br>Archivo DBF<br>144,762 KB | <b>sdemt409.dbf</b><br>Archivo DBF<br>192,075 KB | <b>SDEMT410.DBF</b><br>Archivo DBF<br>190,963 KB |

StatTransfer 7

Archivo Edición Ver Favoritos Herramientas Ayuda

Atrás Búsqueda Carpetas Ir

Dirección C:\StatTransfer7

Tareas de archivo y carpeta

Otros sitios

- PRELOAD (C:)
- Mis documentos
- MI PC
- Mis sitios de red

Detalles

st  
Aplicación  
Fecha de modificación: Viernes, 03 de Enero de 2003, 07:01 a.m.  
Tamaño: 112 KB

dbase dbase.dbf demo.wk1 fcopy INSTALL LICENSE lotus.wk1

paradox readme sas.sd2 sas.tpt select spss.por spss.sav

st

stadev32.dll

stata UNWISE

```

C:\StatTransfer7\st.exe
Stat/Transfer - Command Processor (c) 1986-2003 Circle Systems, Inc.
Version 7.0.01 - 32 Bit Windows

Serial: B07P0-8EB3U-8DUM
User: cide - cide
Status: License OK

Please type "help" for the Windows online help system,
and "help help" for a brief syntax and format guide.

ST: cd e:\sdem_dbf
Directory changed to: e:\sdem_dbf
ST: copy *.dbf e:\sdem_dta\*.dta
  
```

**Tareas de archivo y carpeta**

**Otros sitios**

- KINGSTON (E:)
- Mis documentos
- Mi PC
- Mis sitios de red

**Detalles**

**SDEM\_DTA**  
Carpeta de archivos  
Fecha de modificación: Sábado, 07 de Mayo de 2011, 11:01 a.m.

- |  |  |  |  |
|--|--|--|--|
| <b>sdemt105</b><br>Stata Dataset<br>117,614 KB | <b>sdemt106</b><br>Stata Dataset<br>118,628 KB | <b>sdemt107</b><br>Stata Dataset<br>116,346 KB | <b>sdemt108</b><br>Stata Dataset<br>114,323 KB |
| <b>sdemt109</b><br>Stata Dataset<br>152,916 KB | <b>sdemt110</b><br>Stata Dataset<br>152,568 KB | <b>sdemt205</b><br>Stata Dataset<br>118,924 KB | <b>sdemt206</b><br>Stata Dataset<br>117,359 KB |
| <b>sdemt207</b><br>Stata Dataset<br>116,809 KB | <b>sdemt208</b><br>Stata Dataset<br>114,880 KB | <b>sdemt209</b><br>Stata Dataset<br>151,300 KB | <b>sdemt210</b><br>Stata Dataset<br>152,283 KB |
| <b>sdemt305</b><br>Stata Dataset<br>116,989 KB | <b>sdemt306</b><br>Stata Dataset<br>116,593 KB | <b>sdemt307</b><br>Stata Dataset<br>115,222 KB | <b>sdemt308</b><br>Stata Dataset<br>112,989 KB |
| <b>sdemt309</b><br>Stata Dataset<br>150,327 KB | <b>sdemt310</b><br>Stata Dataset<br>151,302 KB | <b>sdemt405</b><br>Stata Dataset<br>118,373 KB | <b>sdemt406</b><br>Stata Dataset<br>115,706 KB |
| <b>sdemt407</b><br>Stata Dataset<br>112,370 KB | <b>sdemt408</b><br>Stata Dataset<br>112,167 KB | <b>sdemt409</b><br>Stata Dataset<br>151,073 KB | <b>sdemt410</b><br>Stata Dataset<br>149,806 KB |

## **Productos**

- **30 Tabulados Básicos**
- **142 Indicadores estratégicos iniciales**
- **9 Promedios y 9 medianas**
- **8 Tasas**



## Tasas

- Tasa de participación

$$TP = PEA / Pob.14+ = (PO+PD) / (PO+PD+PDIS+PNDIS)$$

- Tasa de desocupación

$$TD = PD / PEA = PD / (PO+PD)$$

- Tasa de ocupación parcial y desocupación

$$TOPD = (PD+O<15h)/PEA = (PD+O<15h)/(PO+PD)$$

## Tasas

- Tasa de presión general

$$\text{TPG} = (\text{PD} + \text{POBOT}) / \text{PEA} = (\text{PD} + \text{POBOT}) / (\text{PO} + \text{PD})$$

- Tasa de trabajo asalariado

$$\text{TTA} = \text{PAsa} / \text{PO}$$

- Tasa de subocupación

$$\text{TSub} = \text{PSUB}_0 / \text{PO}$$

## Tasas

- **Tasa de condiciones críticas de ocupación**

$$\text{TCCO} = \text{PCCO} / \text{PO}$$

- **Tasa de ocupación en el sector informal**

$$\text{TOSI} = \text{POSI} / \text{PO}$$

# Do-Files

```
log using "H:\2010-IV\Indicadores Estratégicos, Promedios, Medianas y Tasas.log",replace
clear
program drop _all
set mem 300m
program define r1r1
  tab t_loc if t_loc=="1" & r_def=="00" & (c_res=="1" | c_res=="3") [iw=fac]
  mat I[1,'1']=_result(1)
end
program define r2r5
  tab clase2 if clase2=="2"-1 & t_loc=="1" [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r6r7
  tab remune2c if t_loc=="1" & remune2c=="2"-5 [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r8r11
  tab o_pos_ocu if t_loc=="1" & o_pos_ocu=="2"-6 [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r12r22
  tab rama_est2 if t_loc=="1" & rama_est2=="2"-11 [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r23r23
  tab rama_est1 if t_loc=="1" & rama_est1=="2"-19 [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r24r30
  tab ing7c if t_loc=="1" & ing7c=="2"-23 [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r31r36
  tab dur_est if t_loc=="1" & dur_est=="2"-30 [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r37r39
  tab o_seg_soc if t_loc=="1" & o_seg_soc=="2"-36 [iw=fac]
  mat I[2,'1']=_result(1)
end
program define r40r41
  tab ambito1 if t_loc=="1" & ambito1=="2"-39 [iw=fac]
  mat I[2,'1']=_result(1)
end
```

# Do-Files

```
program define r137r142
  tab pnea_est if t_loc=="1" & pnea_est=="2"-136 [iw=fac]
  mat I[2',1']=_result(1)
end
program define loop
  forval num = 1/4 {
    for num `1'/2': r`1'r`2' `num' x
  }
end
program define great_loop
  mat I=J(142,4,0)
  loop 1 1
  keep if eda>="14" & eda<="98" & r_def=="00" & (c_res=="1" | c_res=="3")
  loop 2 5
  loop 6 7
  loop 8 11
end
```

# Do-Files

```
loop 132 136
loop 137 142
matrix list I

* Promedios y medianas
gen edad=real(eda)
mat P=J(18,6,0)
* Edad de la población económicamente activa
sum edad if clase1==1 & edad<=98 [w=fac], detail
mat P[1,1]=_result(3)
mat P[2,1]=_result(10)
sum edad if t_loc=="1" & clase1==1 & edad<=98 [w=fac], detail
mat P[1,2]=_result(3)
mat P[2,2]=_result(10)
sum edad if t_loc>"1" & clase1==1 & edad<=98 [w=fac], detail
mat P[1,3]=_result(3)
mat P[2,3]=_result(10)

* Trabajadores subordinados y remunerados con percepciones no salariales 7 (remune2c = 2)
sum ing_x_hrs if remune2c==2 & clase2==1 & ing_x_hrs>0 [w=fac], detail
mat P[17,1]=_result(3)
mat P[18,1]=_result(10)
sum ing_x_hrs if t_loc=="1" & remune2c==2 & clase2==1 & ing_x_hrs>0 [w=fac], detail
mat P[17,2]=_result(3)
mat P[18,2]=_result(10)
sum ing_x_hrs if t_loc>"1" & remune2c==2 & clase2==1 & ing_x_hrs>0 [w=fac], detail
mat P[17,3]=_result(3)
mat P[18,3]=_result(10)
sum ing_x_hrs if t_loc=="2" & remune2c==2 & clase2==1 & ing_x_hrs>0 [w=fac], detail
mat P[17,4]=_result(3)
mat P[18,4]=_result(10)
sum ing_x_hrs if t_loc=="3" & remune2c==2 & clase2==1 & ing_x_hrs>0 [w=fac], detail
mat P[17,5]=_result(3)
mat P[18,5]=_result(10)
sum ing_x_hrs if t_loc=="4" & remune2c==2 & clase2==1 & ing_x_hrs>0 [w=fac], detail
mat P[17,6]=_result(3)
mat P[18,6]=_result(10)
matrix list P
```

# Do-Files

```
* Tasas
mat T=J(8,6,0)
* Tasa de participación
mat
T[1,1]=(I[2,1]+I[2,2]+I[2,3]+I[2,4]+I[3,1]+I[3,2]+I[3,3]+I[3,4])*100/(I[2,1]+I[2,2]+I[2,3]+I[2,4]+
I[3,1]+I[3,2]+I[3,3]+I[3,4]+I[4,1]+I[4,2]+I[4,3]+I[4,4]+I[5,1]+I[5,2]+I[5,3]+I[5,4])
mat T[1,2]=(I[2,1]+I[3,1])*100/(I[2,1]+I[3,1]+I[4,1]+I[5,1])
mat
T[1,3]=(I[2,2]+I[2,3]+I[2,4]+I[3,2]+I[3,3]+I[3,4])*100/(I[2,2]+I[2,3]+I[2,4]+I[3,2]+I[3,3]+I[3,4]+
I[4,2]+I[4,3]+I[4,4]+I[5,2]+I[5,3]+I[5,4])
mat T[1,4]=(I[2,2]+I[3,2])*100/(I[2,2]+I[3,2]+I[4,2]+I[5,2])
mat T[1,5]=(I[2,3]+I[3,3])*100/(I[2,3]+I[3,3]+I[4,3]+I[5,3])
mat T[1,6]=(I[2,4]+I[3,4])*100/(I[2,4]+I[3,4]+I[4,4]+I[5,4])
* Tasa de desocupación
mat
T[2,1]=(I[3,1]+I[3,2]+I[3,3]+I[3,4])*100/(I[2,1]+I[2,2]+I[2,3]+I[2,4]+I[3,1]+I[3,2]+I[3,3]+I[3,4])
mat T[2,2]=(I[3,1])*100/(I[2,1]+I[3,1])
mat T[2,3]=(I[3,2]+I[3,3]+I[3,4])*100/(I[2,2]+I[2,3]+I[2,4]+I[3,2]+I[3,3]+I[3,4])
mat T[2,4]=(I[3,2])*100/(I[2,2]+I[3,2])
mat T[2,5]=(I[3,3])*100/(I[2,3]+I[3,3])
mat T[2,6]=(I[3,4])*100/(I[2,4]+I[3,4])
* Tasa de ocupación parcial y desocupación 1 (TOPD1)
tab t_loc if dur9c==2 [iw=fac]
mat
T[3,1]=(I[3,1]+I[3,2]+I[3,3]+I[3,4]+_result(1))*100/(I[2,1]+I[2,2]+I[2,3]+I[2,4]+I[3,1]+I[3,2]+I[3,3]+I[3,4])
tab t_loc if t_loc=="1" & dur9c==2 [iw=fac]
mat T[3,2]=(I[3,1]+_result(1))*100/(I[2,1]+I[3,1])
tab t_loc if t_loc>"1" & dur9c==2 [iw=fac]
mat T[3,3]=(I[3,2]+I[3,3]+I[3,4]+_result(1))*100/(I[2,2]+I[2,3]+I[2,4]+I[3,2]+I[3,3]+I[3,4])
tab t_loc if t_loc=="2" & dur9c==2 [iw=fac]
mat T[3,4]=(I[3,2]+_result(1))*100/(I[2,2]+I[3,2])
tab t_loc if t_loc=="3" & dur9c==2 [iw=fac]
mat T[3,5]=(I[3,3]+_result(1))*100/(I[2,3]+I[3,3])
tab t_loc if t_loc=="4" & dur9c==2 [iw=fac]
mat T[3,6]=(I[3,4]+_result(1))*100/(I[2,4]+I[3,4])
```

# Do-Files

```
* Tasa de ocupación en el sector informal
mat T[8,1]=(I[55,1]+I[55,2]+I[55,3]+I[55,4])*100/(I[2,1]+I[2,2]+I[2,3]+I[2,4])
mat T[8,2]=I[55,1]*100/I[2,1]
mat T[8,3]=(I[55,2]+I[55,3]+I[55,4])*100/(I[2,2]+I[2,3]+I[2,4])
mat T[8,4]=I[55,2]*100/I[2,2]
mat T[8,5]=I[55,3]*100/I[2,3]
mat T[8,6]=I[55,4]*100/I[2,4]
matrix list T
end
program define loop_files
use "H:\sdem_dta\sdemt`1'0`2'.dta" ,clear
great_loop
matrix Ig`1'0`2`=I
matrix Pg`1'0`2`=P
matrix Tg`1'0`2`=T
use if sex=="1" using "H:\sdem_dta\sdemt`1'0`2'.dta" ,clear
great_loop
matrix Im`1'0`2`=I
matrix Pm`1'0`2`=P
matrix Tm`1'0`2`=T
use if sex=="2" using "H:\sdem_dta\sdemt`1'0`2'.dta" ,clear
great_loop
matrix If`1'0`2`=I
matrix Pf`1'0`2`=P
matrix Tf`1'0`2`=T
matrix dir
end
program define loop_files2
use "H:\sdem_dta\sdemt`1``2'.dta" ,clear
great_loop
matrix Ig`1``2`=I
matrix Pg`1``2`=P
matrix Tg`1``2`=T
use if sex=="1" using "H:\sdem_dta\sdemt`1``2'.dta" ,clear
great_loop
matrix Im`1``2`=I
matrix Pm`1``2`=P
matrix Tm`1``2`=T
use if sex=="2" using "H:\sdem_dta\sdemt`1``2'.dta" ,clear
great_loop
matrix If`1``2`=I
matrix Pf`1``2`=P
matrix Tf`1``2`=T
matrix dir
end
```



# Do-Files

```
* Conversión de Matrices a Variables
clear
set obs 142
for num 1/4: svmat Igx05, names(matcol)
for num 1/4: svmat Igx06, names(matcol)
for num 1/4: svmat Igx07, names(matcol)
for num 1/4: svmat Igx08, names(matcol)
for num 1/4: svmat Igx09, names(matcol)
for num 1/4: svmat Igx10, names(matcol)
for num 1/4: svmat Imx05, names(matcol)
for num 1/4: svmat Imx06, names(matcol)
for num 1/4: svmat Imx07, names(matcol)
for num 1/4: svmat Imx08, names(matcol)
for num 1/4: svmat Imx09, names(matcol)
for num 1/4: svmat Imx10, names(matcol)
for num 1/4: svmat Ifx05, names(matcol)
for num 1/4: svmat Ifx06, names(matcol)
for num 1/4: svmat Ifx07, names(matcol)
for num 1/4: svmat Ifx08, names(matcol)
for num 1/4: svmat Ifx09, names(matcol)
for num 1/4: svmat Ifx10, names(matcol)
save "H:\SDEM_DTA\Indicadores SDEM ENOE t105-t410.dta", replace
clear
set obs 18
for num 1/4: svmat Pgx05, names(matcol)
for num 1/4: svmat Pgx06, names(matcol)
for num 1/4: svmat Pgx07, names(matcol)
for num 1/4: svmat Pgx08, names(matcol)
for num 1/4: svmat Pgx09, names(matcol)
for num 1/4: svmat Pgx10, names(matcol)
for num 1/4: svmat Pmx05, names(matcol)
for num 1/4: svmat Pmx06, names(matcol)
for num 1/4: svmat Pmx07, names(matcol)
for num 1/4: svmat Pmx08, names(matcol)
for num 1/4: svmat Pmx09, names(matcol)
for num 1/4: svmat Pmx10, names(matcol)
for num 1/4: svmat Pfx05, names(matcol)
for num 1/4: svmat Pfx06, names(matcol)
for num 1/4: svmat Pfx07, names(matcol)
for num 1/4: svmat Pfx08, names(matcol)
for num 1/4: svmat Pfx09, names(matcol)
for num 1/4: svmat Pfx10, names(matcol)
save "H:\SDEM_DTA\Promedios SDEM ENOE t105-t410.dta", replace
clear
set obs 8
```

# Do-Files

A	B	C	D	E	F	G	H	I	J	K
1	<b>INDICADORES ESTRATÉGICOS DE OCUPACIÓN Y EMPLEO</b>				<b>A</b>					
2	<b>Total</b>									
3					<b>2010 Trimestre IV</b>					
4	<b>INDICADOR</b>				<b>Total</b>	<b>Áreas más urbanizadas <sup>2</sup></b>	<b>Áreas menos urbanizadas <sup>3</sup></b>			
5							<b>Total</b>	<b>Urbano medio <sup>4</sup></b>	<b>Urbano bajo <sup>5</sup></b>	<b>Rural <sup>6</sup></b>
6	<b>1. Población total <sup>1</sup></b>				<b>108 710 824</b>	<b>54 699 093</b>	<b>54 011 731</b>	<b>15 713 268</b>	<b>14 788 223</b>	<b>23 510 240</b>
7										
8	<b>2. Población de 14 años y más</b>				<b>80 088 711</b>	<b>42 060 128</b>	<b>38 028 583</b>	<b>11 350 648</b>	<b>10 586 543</b>	<b>16 091 392</b>
9	Población económicamente activa (PEA)				46 292 056	24 823 950	21 468 106	6 690 648	6 059 041	8 718 417
10	Ocupada				43 809 329	23 286 822	20 522 507	6 319 480	5 778 080	8 424 947
11	Desocupada				2 482 727	1 537 128	945 599	371 168	280 961	293 470
12	Población no económicamente activa (PNEA)				33 796 655	17 236 178	16 560 477	4 660 000	4 527 502	7 372 975
13	Disponible				6 063 707	2 667 741	3 395 966	865 501	851 719	1 678 746
14	No disponible				27 732 948	14 568 437	13 164 511	3 794 499	3 675 783	5 694 229
15										
16	<b>3. Población ocupada por:</b>									
17										
18	<b>3.1 Posición en la ocupación</b>				<b>43 809 329</b>	<b>23 286 822</b>	<b>20 522 507</b>	<b>6 319 480</b>	<b>5 778 080</b>	<b>8 424 947</b>
19	Trabajadores subordinados y remunerados				30 608 793	17 915 485	12 693 308	4 615 018	3 760 850	4 317 440
20	Asalariados				28 537 016	16 687 962	11 849 054	4 302 055	3 524 961	4 022 038
21	Con percepciones no salariales <sup>7</sup>				2 071 777	1 227 523	844 254	312 963	235 889	295 402
22	Empleadores				1 670 929	918 585	752 344	302 045	235 397	214 902
23	Trabajadores por cuenta propia				8 706 862	3 636 859	5 070 003	1 079 141	1 307 767	2 683 095
24	Trabajadores no remunerados				2 822 745	815 893	2 006 852	323 276	474 066	1 209 510
25	No especificado				0	0	0	0	0	0
26										
27	<b>3.2 Sector de actividad económica</b>				<b>43 809 329</b>	<b>23 286 822</b>	<b>20 522 507</b>	<b>6 319 480</b>	<b>5 778 080</b>	<b>8 424 947</b>
28	Primario				5 938 828	166 496	5 772 332	400 200	1 142 419	4 229 713
29	Agricultura, ganadería, silvicultura, caza y pesca				5 938 828	166 496	5 772 332	400 200	1 142 419	4 229 713
30	Secundario				10 457 469	5 675 351	4 782 118	1 687 765	1 501 090	1 593 263
31	Industria extractiva y de la electricidad				328 880	162 230	166 650	58 609	62 894	45 147
32	Industria manufacturera				6 760 014	3 865 160	2 894 854	1 051 585	935 579	907 690
33	Construcción				3 368 575	1 647 961	1 720 614	577 571	502 617	640 426
34	Terciario				27 116 496	17 226 684	9 889 812	4 204 560	3 114 246	2 571 006

# Do-Files

	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	B						C						
2													
3													
4													
5								2010 Trimestre IV					
6	100.00	100.00	100.00	100.00	100.00	100.00		<b>Total</b>	<b>Áreas más urbanizadas <sup>2</sup></b>	<b>Áreas menos urbanizadas <sup>3</sup></b>			
7										<b>Total</b>	<b>Urbano medio <sup>4</sup></b>	<b>Urbano bajo <sup>5</sup></b>	<b>Rural <sup>6</sup></b>
8	73.67	76.89	70.41	72.24	71.59	68.44		100.00	100.00	100.00	100.00	100.00	100.00
9	57.80	59.02	56.45	58.95	57.23	54.18		73.67	76.89	70.41	72.24	71.59	68.44
10	94.64	93.81	95.60	94.45	95.36	96.63		57.80	59.02	56.45	58.95	57.23	54.18
11	5.36	6.19	4.40	5.55	4.64	3.37		94.64	93.81	95.60	94.45	95.36	96.63
12	42.20	40.98	43.55	41.05	42.77	45.82		5.36	6.19	4.40	5.55	4.64	3.37
13	17.94	15.48	20.51	18.57	18.81	22.77		42.20	40.98	43.55	41.05	42.77	45.82
14	82.06	84.52	79.49	81.43	81.19	77.23		17.94	15.48	20.51	18.57	18.81	22.77
15								82.06	84.52	79.49	81.43	81.19	77.23
16	94.64	93.81	95.60	94.45	95.36	96.63		82.06	84.52	79.49	81.43	81.19	77.23
17								94.64	93.81	95.60	94.45	95.36	96.63
18	100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00	100.00	100.00	100.00	100.00
19	69.87	76.93	61.85	73.03	65.09	51.25		69.87	76.93	61.85	73.03	65.09	51.25
20	93.23	93.15	93.35	93.22	93.73	93.16		93.23	93.15	93.35	93.22	93.73	93.16
21	6.77	6.85	6.65	6.78	6.27	6.84		6.77	6.85	6.65	6.78	6.27	6.84
22	3.81	3.94	3.67	4.78	4.07	2.55		3.81	3.94	3.67	4.78	4.07	2.55
23	19.87	15.62	24.70	17.08	22.63	31.85		19.87	15.62	24.70	17.08	22.63	31.85
24	6.44	3.50	9.78	5.12	8.20	14.36		6.44	3.50	9.78	5.12	8.20	14.36
25	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
26													
27	100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00	100.00	100.00	100.00	100.00
28	13.56	0.71	28.13	6.33	19.77	50.20		13.56	0.71	28.13	6.33	19.77	50.20
29	100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00	100.00	100.00	100.00	100.00
30	23.87	24.37	23.30	26.71	25.98	18.91		23.87	24.37	23.30	26.71	25.98	18.91
31	3.14	2.86	3.48	3.47	4.19	2.83		3.14	2.86	3.48	3.47	4.19	2.83
32	64.64	68.10	60.53	62.31	62.33	56.97		64.64	68.10	60.53	62.31	62.33	56.97
33	32.21	29.04	35.98	34.22	33.48	40.20		32.21	29.04	35.98	34.22	33.48	40.20
34	61.90	73.98	48.19	66.53	53.90	30.52		61.90	73.98	48.19	66.53	53.90	30.52

# Datos generados

Data Editor

Preserve Restore Sort << >> Hide Delete...

Tg105c1[1] = 57.476658

	Tg105c1	Tg105c2	Tg105c3	Tg105c4	Tg105c5	Tg105c6	Tg205c1	Tg205c2	Tg205c3	Tg205c4	Tg205c5
1	57.47666	59.03322	55.8441	58.45223	57.2223	53.36807	57.43597	58.98065	55.81497	58.27522	57.0
2	3.88431	4.83211	2.83347	3.594754	3.083652	2.146906	3.506839	4.400663	2.515662	3.331456	2.6
3	9.776592	9.072681	10.55703	9.506246	10.7242	11.16986	9.549271	8.904677	10.26407	9.081484	10.1
4	8.544078	9.860863	7.08414	8.199205	7.566303	6.002919	8.01353	9.508696	6.355513	7.427482	7.2
5	58.97233	67.08647	50.16111	60.66623	53.47843	40.90281	58.59538	66.81165	49.66039	60.64132	52.0
6	8.863368	7.64261	10.189	8.911525	10.29964	10.98224	7.526287	7.022006	8.074681	7.116657	8.9
7	15.01215	9.493032	21.00541	15.14642	19.82461	25.7359	14.59828	9.35483	20.3004	14.73113	19.1
8	27.97105	26.14288	29.95629	32.81025	35.2603	24.59221	28.10725	26.1725	30.21124	32.46431	36.0

# Do-Files

	Z	AA	AB	AC	AD	AE	AF
1		<b>Diferencia B-C</b>					
2							
3							
4							
5							
6		0.00	0.00	0.00	0.00	0.00	0.00
7							
8		0.00	0.00	0.00	0.00	0.00	0.00
9		0.00	0.00	0.00	0.00	0.00	0.00
10		0.00	0.00	0.00	0.00	0.00	0.00
11		0.00	0.00	0.00	0.00	0.00	0.00
12		0.00	0.00	0.00	0.00	0.00	0.00
13		0.00	0.00	0.00	0.00	0.00	0.00
14		0.00	0.00	0.00	0.00	0.00	0.00
15							
16		0.00	0.00	0.00	0.00	0.00	0.00
17							
18		0.00	0.00	0.00	0.00	0.00	0.00

236		0.00	0.00	0.00	0.00	0.00	0.00
237		0.00	0.00	0.00	0.01	0.00	0.00
238							
239		0.00	0.00	0.00	0.00	0.00	0.00
240		0.00	0.01	0.00	0.00	0.09	0.00
241							
242		0.00	0.00	0.00	0.00	0.00	0.00
243		0.00	0.08	0.00	0.00	0.00	0.00
244							
245		0.00	0.00	0.00	0.00	0.00	0.00
246		0.00	0.00	0.00	0.06	0.00	0.00
247							
248		0.00	0.00	0.00	0.00	0.00	0.00
249		0.00	0.00	0.01	0.00	0.00	0.00
250							
251		0.00	0.00	0.00	0.00	0.00	0.00
252		0.00	0.02	0.00	0.06	0.00	0.05

# Do-Files

	A	B	C	D	E	F	G	H	I	J	K
1	I	c1	c2	c3	c4		P	c1	c2	c3	c4
2	r1	54699093	15713268	14788223	23510240		r1	37.66613	37.903065	37.392165	37.192948
3	r2	23286822	6319480	5778080	8424947		r2	36	37	36	36
4	r3	1537128	371168	280961	293470		r3	9.3084704	10.580078	7.8393662	9.280907
5	r4	2667741	865501	851719	1678746		r4	9	10	9	9
6	r5	14568437	3794499	3675783	5694229		r5	42.981864	44.027209	41.808267	43.885483
7	r6	16687962	4302055	3524961	4022038		r6	45	45	45	46
8	r7	1227523	312963	235889	295402		r7	28.609431	33.053056	23.700893	28.358763
9	r8	918585	302045	235397	214902		r8	20	23.25581	16.66667	19.79167
10	r9	3636859	1079141	1307767	2683095		r9	56.473094	66.530064	46.157349	54.19523
11	r10	815893	323276	474066	1209510		r10	33.333328	40.799671	27.27273	33.333328
12	r11	0	0	0	0		r11	25.913323	33.182877	20.06635	27.514627
13	r12	166496	400200	1142419	4229713		r12	16.627911	21.141649	12	17.85714
14	r13	162230	58609	62894	45147		r13	23.597157	29.934948	18.893098	25.516525
15	r14	3865160	1051585	935579	907690		r14	15.625	20	11.66667	17.22653
16	r15	1647961	577571	502617	640426		r15	28.190816	31.753968	23.89347	27.432317
17	r16	5167460	1369443	1107064	955877		r16	20.408159	23.25581	17.64706	19.736839
18	r17	1740920	472030	374797	286469		r17	25.827103	29.89617	21.289512	22.983269
19	r18	1475493	297096	216362	183558		r18	19.379841	21.73913	16.66667	18.68771
20	r19	2202815	316995	177563	117456						
21	r20	2432664	599415	407401	272366		T	c1	c2	c3	c4
22	r21	2725774	817479	579706	555256		r1	57.800975	59.020148	56.452553	58.945075
23	r22	1481558	332102	251353	200024		r2	5.3631815	6.1921169	4.404669	5.5475643
24	r23	218291	26955	20325	30965		r3	11.19078	10.62706	11.842619	11.664909
25	r24	1745943	764951	958627	1964885		r4	8.8826752	9.5147388	8.151809	9.3525919
26	r25	4839078	1566246	1553450	1997224		r5	65.139131	71.662685	57.736874	68.076092
27	r26	5595292	1454724	1117663	1218634		r6	7.5693695	6.5481112	8.728188	7.65688
28	r27	4810895	1207721	867425	770656		r7	11.819483	8.4433247	15.650398	12.52505

# Do-Files

```
* Tasas por Estado
matrix drop _all
program drop _all
use "H:\SDEM_DTA\Tasas SDEM Entidad ENOE t105-t410.dta", clear
program define tas
matrix tasa1_1'=J(24,1,0)
matrix tasa2_1'=J(24,1,0)
matrix tasa3_1'=J(24,1,0)
matrix tasa4_1'=J(24,1,0)
matrix tasa5_1'=J(24,1,0)
matrix tasa6_1'=J(24,1,0)
matrix tasa7_1'=J(24,1,0)
matrix tasa8_1'=J(24,1,0)
for num 1/4:matrix tasa1_1' [X,1]= TX05_1' c1 [1]
for num 1/4:matrix tasa1_1' [X+4,1]=TX06_1' c1 [1]
for num 1/4:matrix tasa1_1' [X+8,1]=TX07_1' c1 [1]
for num 1/4:matrix tasa1_1' [X+12,1]=TX08_1' c1 [1]
for num 1/4:matrix tasa1_1' [X+16,1]=TX09_1' c1 [1]
for num 1/4:matrix tasa1_1' [X+20,1]=TX10_1' c1 [1]
for num 1/32: tas x

clear
set obs 24
for num 1/32: svmat tasa1_x, names(matcol)
for num 1/32: svmat tasa2_x, names(matcol)
for num 1/32: svmat tasa3_x, names(matcol)
for num 1/32: svmat tasa4_x, names(matcol)
for num 1/32: svmat tasa5_x, names(matcol)
for num 1/32: svmat tasa6_x, names(matcol)
for num 1/32: svmat tasa7_x, names(matcol)
for num 1/32: svmat tasa8_x, names(matcol)

for num 1/32: format tasa1_xc1 %5.1f
for num 1/32: format tasa2_xc1 %5.1f
for num 1/32: format tasa3_xc1 %5.1f
for num 1/32: format tasa4_xc1 %5.1f
for num 1/32: format tasa5_xc1 %5.1f
for num 1/32: format tasa6_xc1 %5.1f
for num 1/32: format tasa7_xc1 %5.1f
for num 1/32: format tasa8_xc1 %5.1f

gen t=_n

program define tasas

graph twoway (line tasa`1'_1c1 t, xlabel(1 "05-I" 2 "05-II" 3 "05-III" 4 "05-IV" 5 "06-I" 6
"06-II" 7 "06-III" 8 "06-IV" 9 "07-I" 10 "07-II" 11 "07-III" 12 "07-IV" 13 "08-I" 14 "08-II" 15
"08-III" 16 "08-IV" 17 "09-I" 18 "09-II" 19 "09-III" 20 "09-IV" 21 "10-I" 22 "10-II" 23 "10-III"
24 "10-IV", angle(90) labsize(small)) xtitle("")) (scatter tasa`1'_1c1 t, mlabel(tasa`1'_1c1)
mlabsz(small) mlabangle(15) yscale(off) legend(off)), title("Aguascalientes")
saving("H:\GRAPHS\tasa`1'_1.gph", replace)
```

# Do-Files

```
graph twoway (line tasa`1' _32c1 t, xlabel(1 "05-I" 2 "05-II" 3 "05-III" 4 "05-IV" 5 "06-I" 6
"06-II" 7 "06-III" 8 "06-IV" 9 "07-I" 10 "07-II" 11 "07-III" 12 "07-IV" 13 "08-I" 14 "08-II" 15
"08-III" 16 "08-IV" 17 "09-I" 18 "09-II" 19 "09-III" 20 "09-IV" 21 "10-I" 22 "10-II" 23 "10-III"
24 "10-IV", angle(90) labsize(small)) xtitle("")) (scatter tasa`1' _32c1 t, mlabel(tasa`1' _32c1)
mlabsize(small) mlabangle(15) yscale(off) legend(off)), title("Zacatecas")
saving("H:\GRAPHS\tasa`1' _32.gph", replace)

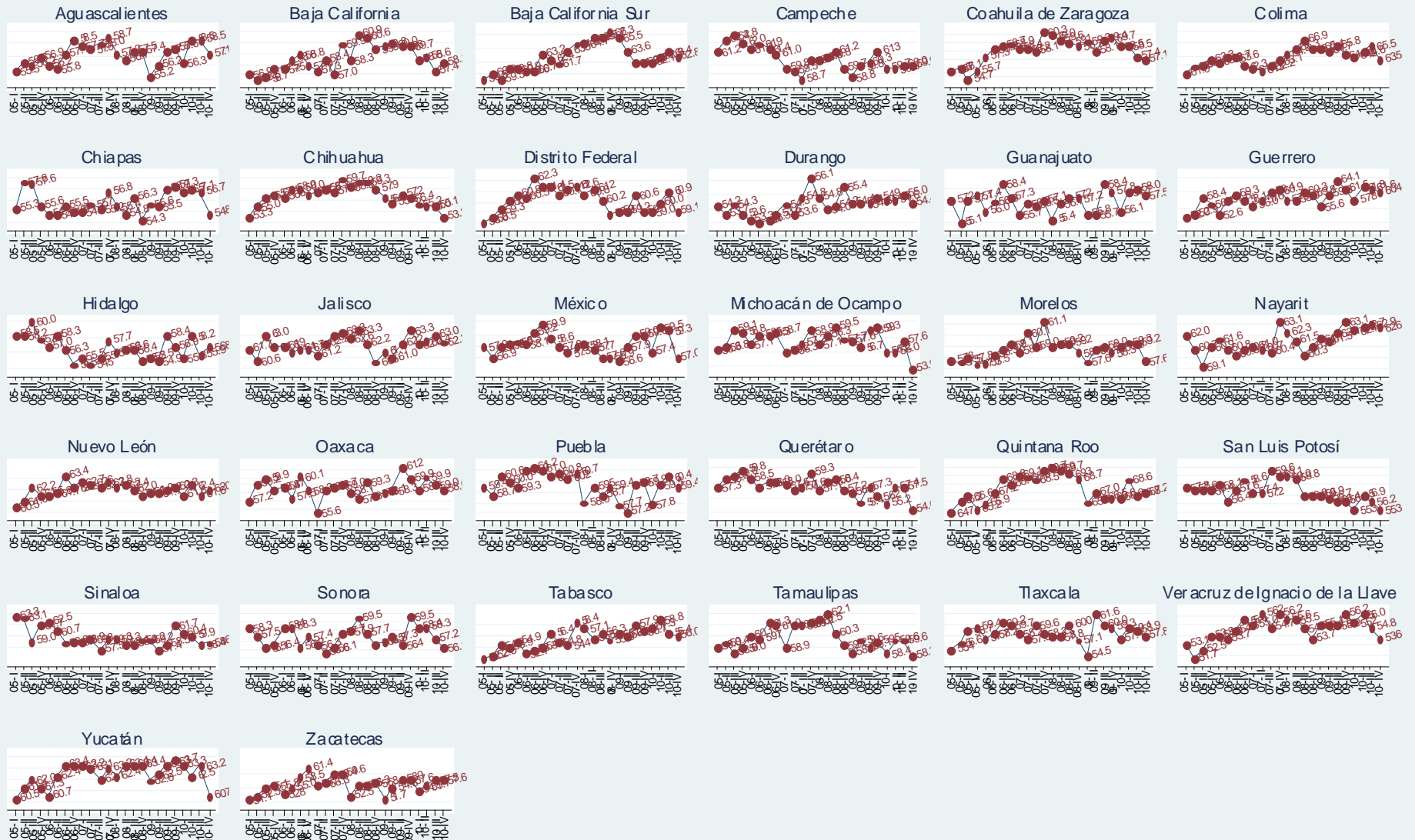
end

for num 1/8: tasas ×

* Tasa de participación
graph combine "H:\GRAPHS\tasa1_1.gph" "H:\GRAPHS\tasa1_2.gph" "H:\GRAPHS\tasa1_3.gph"
"H:\GRAPHS\tasa1_4.gph" "H:\GRAPHS\tasa1_5.gph" "H:\GRAPHS\tasa1_6.gph" "H:\GRAPHS\tasa1_7.gph"
"H:\GRAPHS\tasa1_8.gph" "H:\GRAPHS\tasa1_9.gph" "H:\GRAPHS\tasa1_10.gph" "H:\GRAPHS\tasa1_11.gph"
"H:\GRAPHS\tasa1_12.gph" "H:\GRAPHS\tasa1_13.gph" "H:\GRAPHS\tasa1_14.gph"
"H:\GRAPHS\tasa1_15.gph" "H:\GRAPHS\tasa1_16.gph" "H:\GRAPHS\tasa1_17.gph"
"H:\GRAPHS\tasa1_18.gph" "H:\GRAPHS\tasa1_19.gph" "H:\GRAPHS\tasa1_20.gph"
"H:\GRAPHS\tasa1_21.gph" "H:\GRAPHS\tasa1_22.gph" "H:\GRAPHS\tasa1_23.gph"
"H:\GRAPHS\tasa1_24.gph" "H:\GRAPHS\tasa1_25.gph" "H:\GRAPHS\tasa1_26.gph"
"H:\GRAPHS\tasa1_27.gph" "H:\GRAPHS\tasa1_28.gph" "H:\GRAPHS\tasa1_29.gph"
"H:\GRAPHS\tasa1_30.gph" "H:\GRAPHS\tasa1_31.gph" "H:\GRAPHS\tasa1_32.gph", title("Tasa de
participación") subtitle("por Entidad Federativa") note("Fuente: INEGI, ENOE 2005-I a 2010-IV")
saving("H:\GRAPHS\tasa1.gph", replace)
```

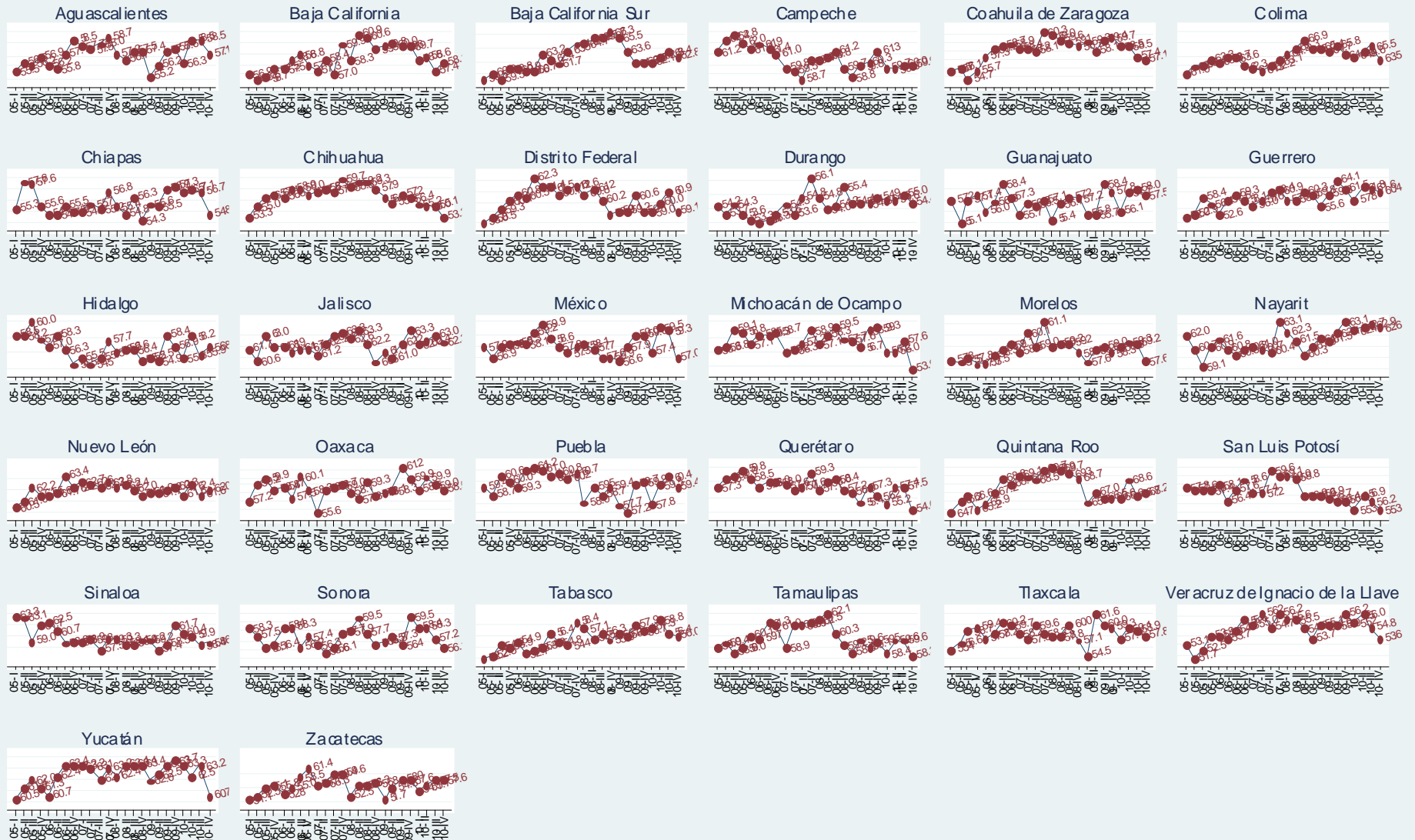


# Población Económicamente Activa (PEA) por Entidad Federativa



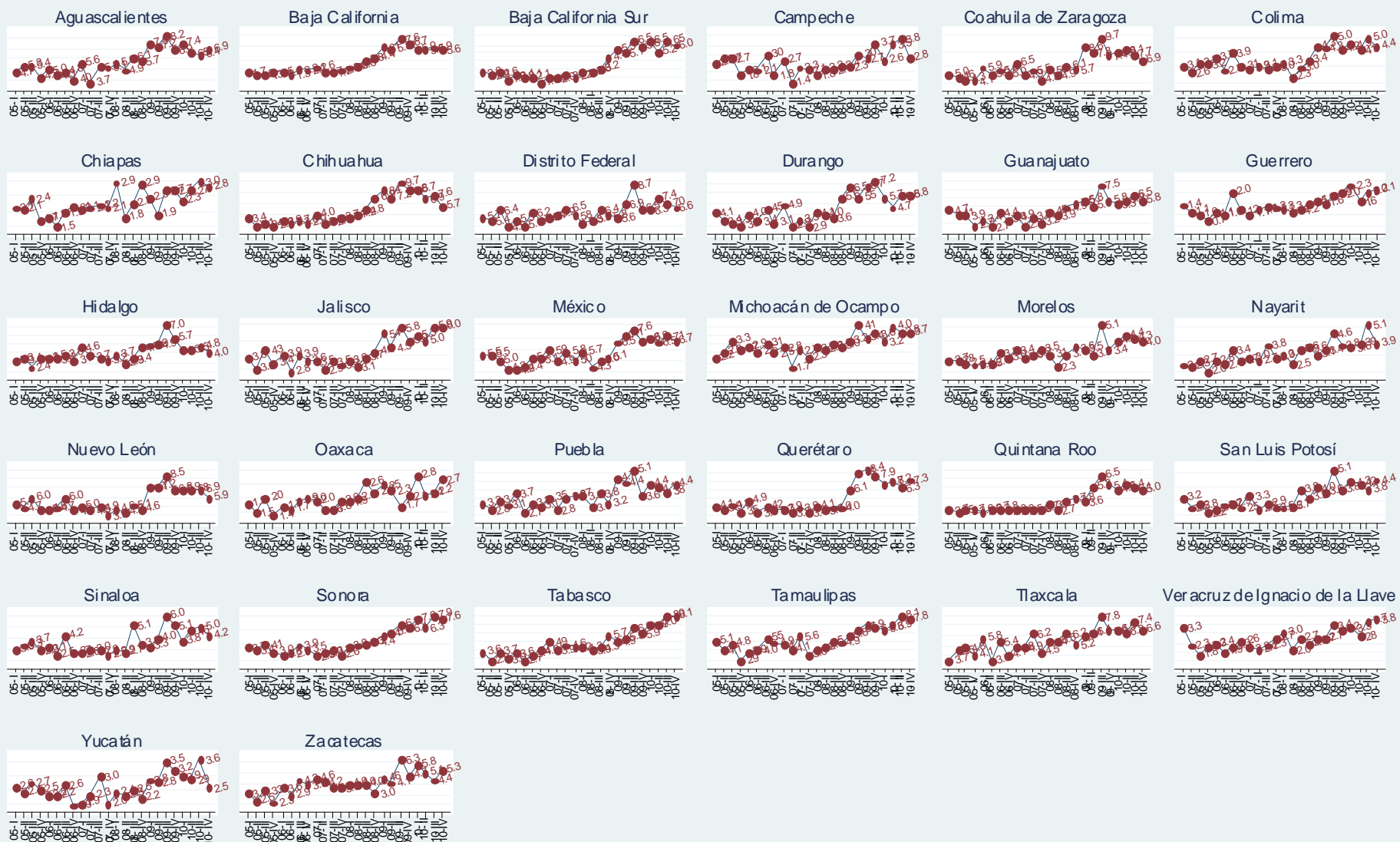
Fuente: INEGI, ENOE 2005-I a 2010-IV

# Tasa de participación por Entidad Federativa



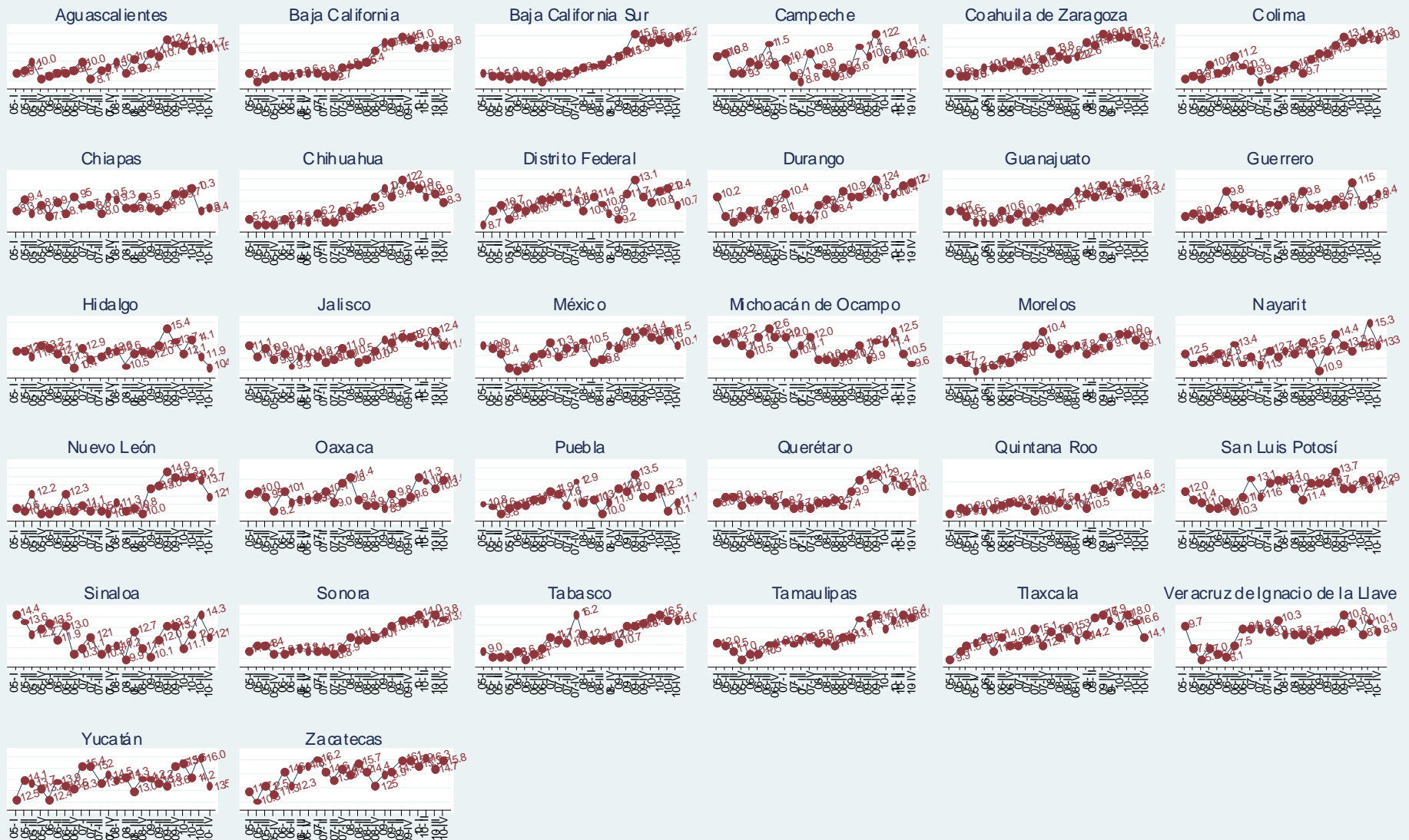
Fuente: INEGI, ENOE 2005-I a 2010-IV

# Tasa de desocupación por Entidad Federativa



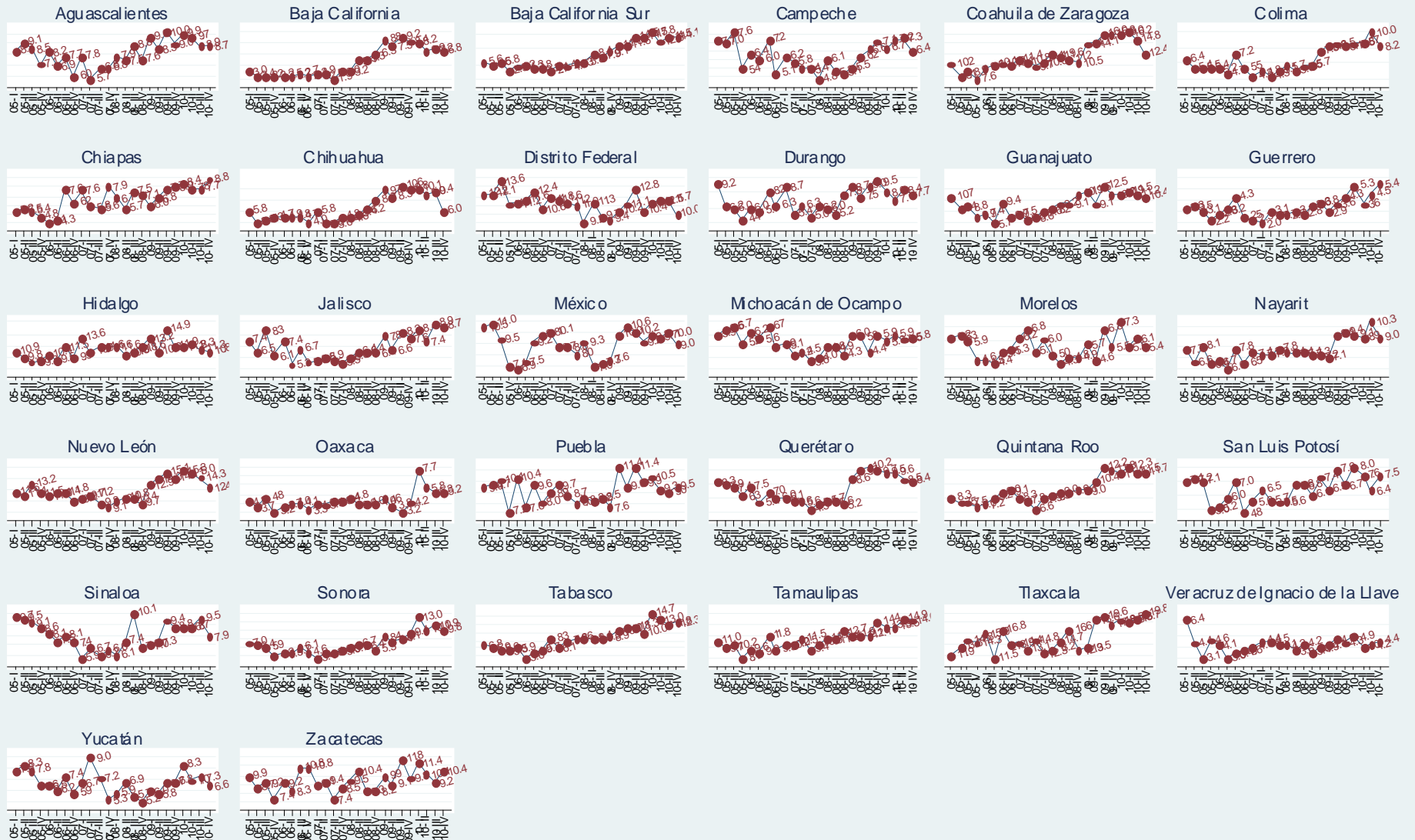
Fuente: INEGI, ENOE 2005-I a 2010-IV

# Tasa de ocupación parcial y desocupación 1 (TOPD1) por Entidad Federativa



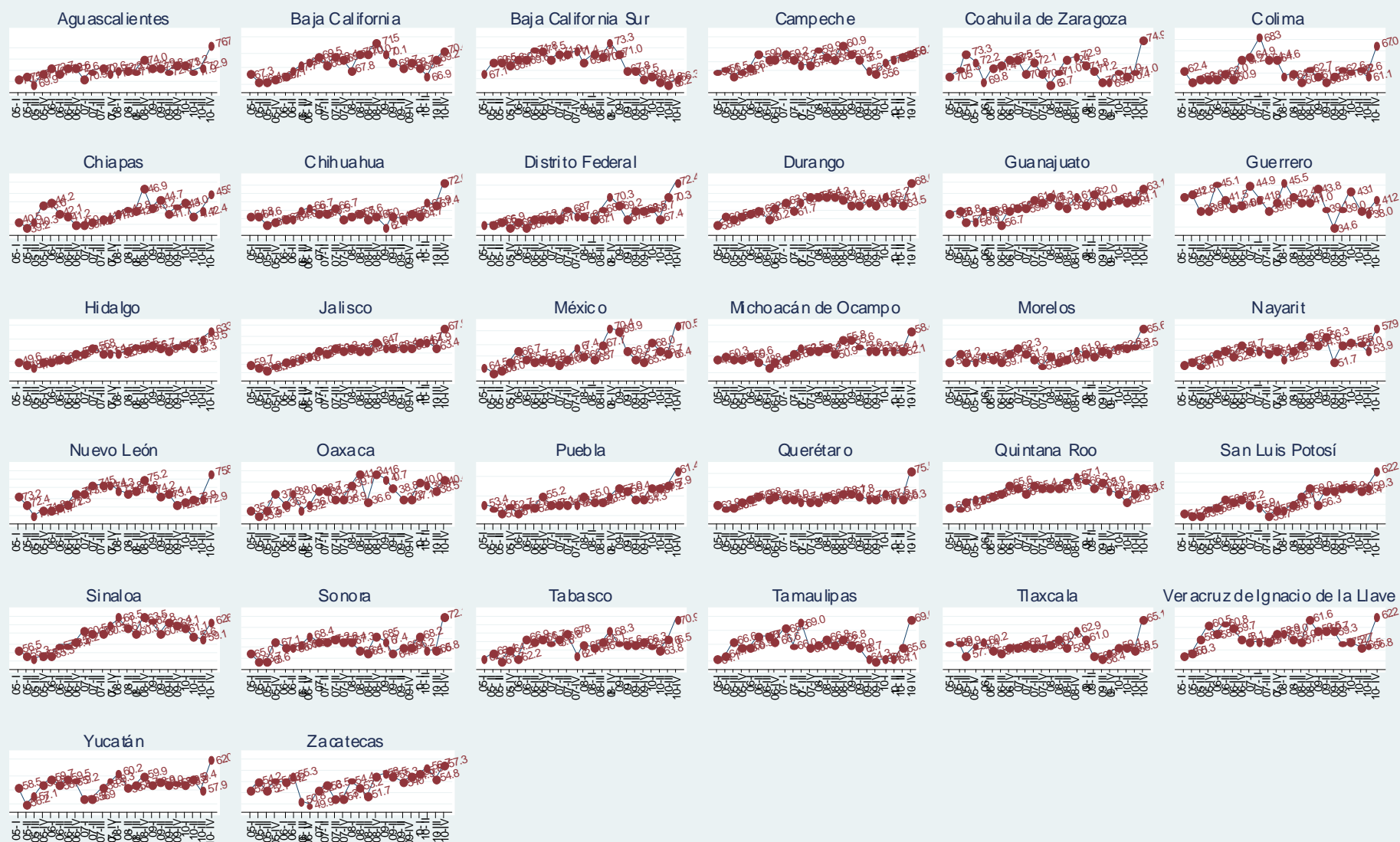
Fuente: INEGI, ENOE 2005-I a 2010-IV

# Tasa de presión general (TPRG) por Entidad Federativa



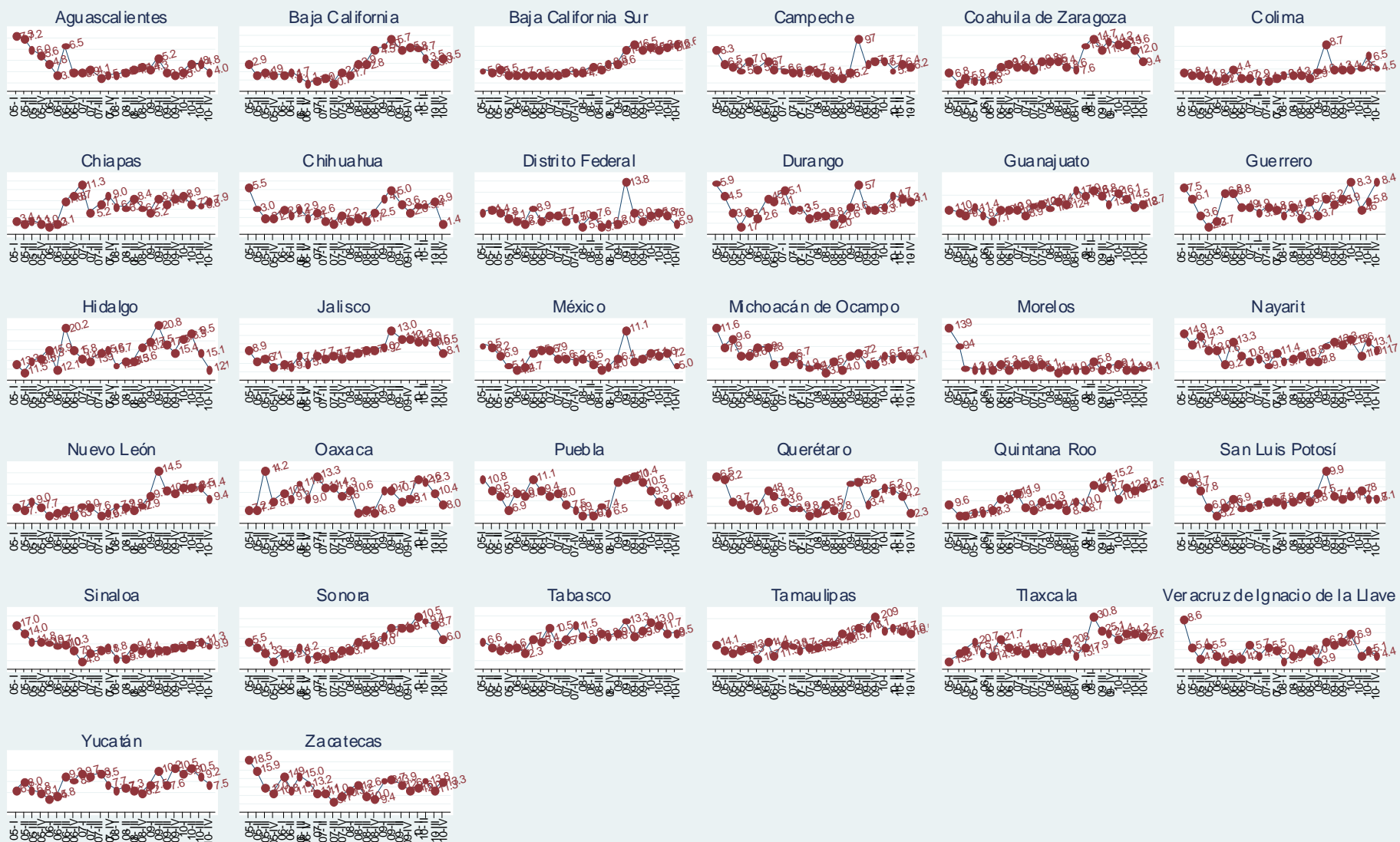
Fuente: INEGI, ENOE 2005-I a 2010-IV

# Tasa de trabajo asalariado por Entidad Federativa



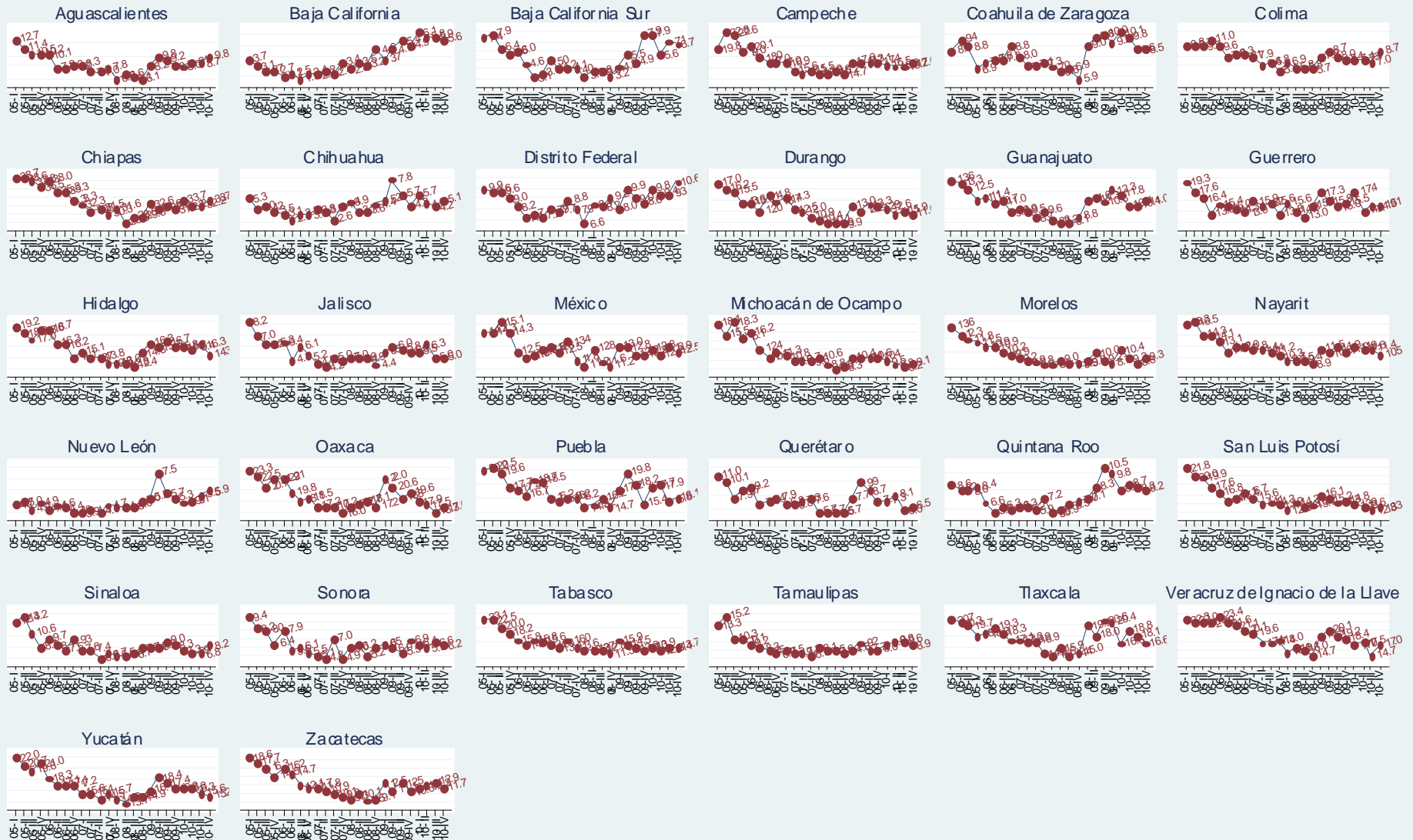
Fuente: INEGI, ENOE 2005-I a 2010-IV

# Tasa de subocupación por Entidad Federativa



Fuente: INEGI, ENOE 2005-I a 2010-IV

# Tasa de condiciones críticas de ocupación (TCCO) por Entidad Federativa



Fuente: INEGI, ENOE 2005-I a 2010-IV



# Tasa de ocupación en el sector informal por Entidad Federativa



Fuente: INEGI, ENOE 2005-I a 2010-IV

**Gracias**

**III EUSMEX / IIEc-UNAM**