

Age groups,  
non-monetary dimensions,  
(geographic FIA)

John Scott,  
CIDE

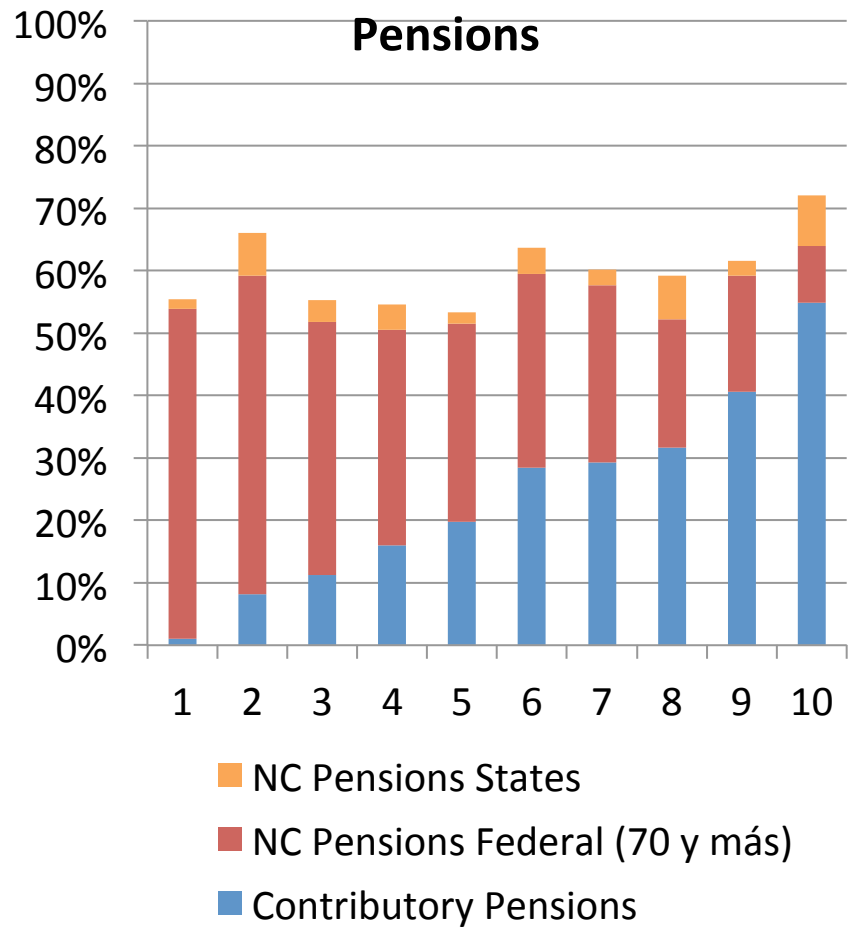
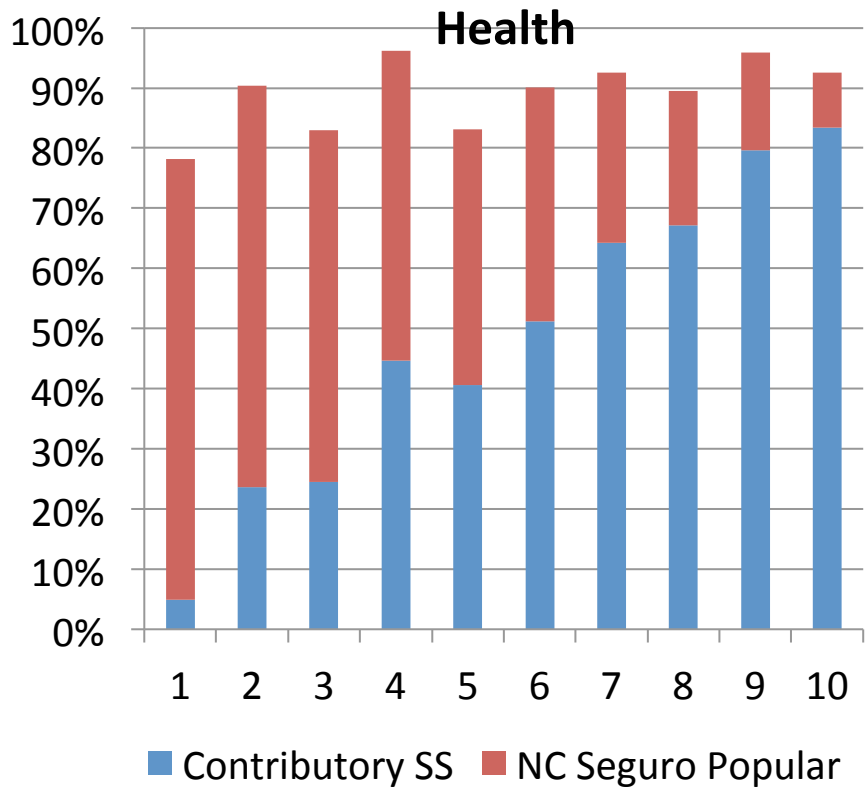
# Age groups

- Life cycle incidence analysis: social security
  - Equity
  - Sustainability
- Vulnerable ages: infancy, youth, old-age
- Distribution between age groups: equity and efficiency (earlier is cheaper)
  - Early childhood vs. old-age pensions
  - Primary vs. tertiary education
  - Preventive vs. curative health
- Distribution within age groups
  - Pensions may be more unequal than labor income (high benefit, low coverage contributive systems)

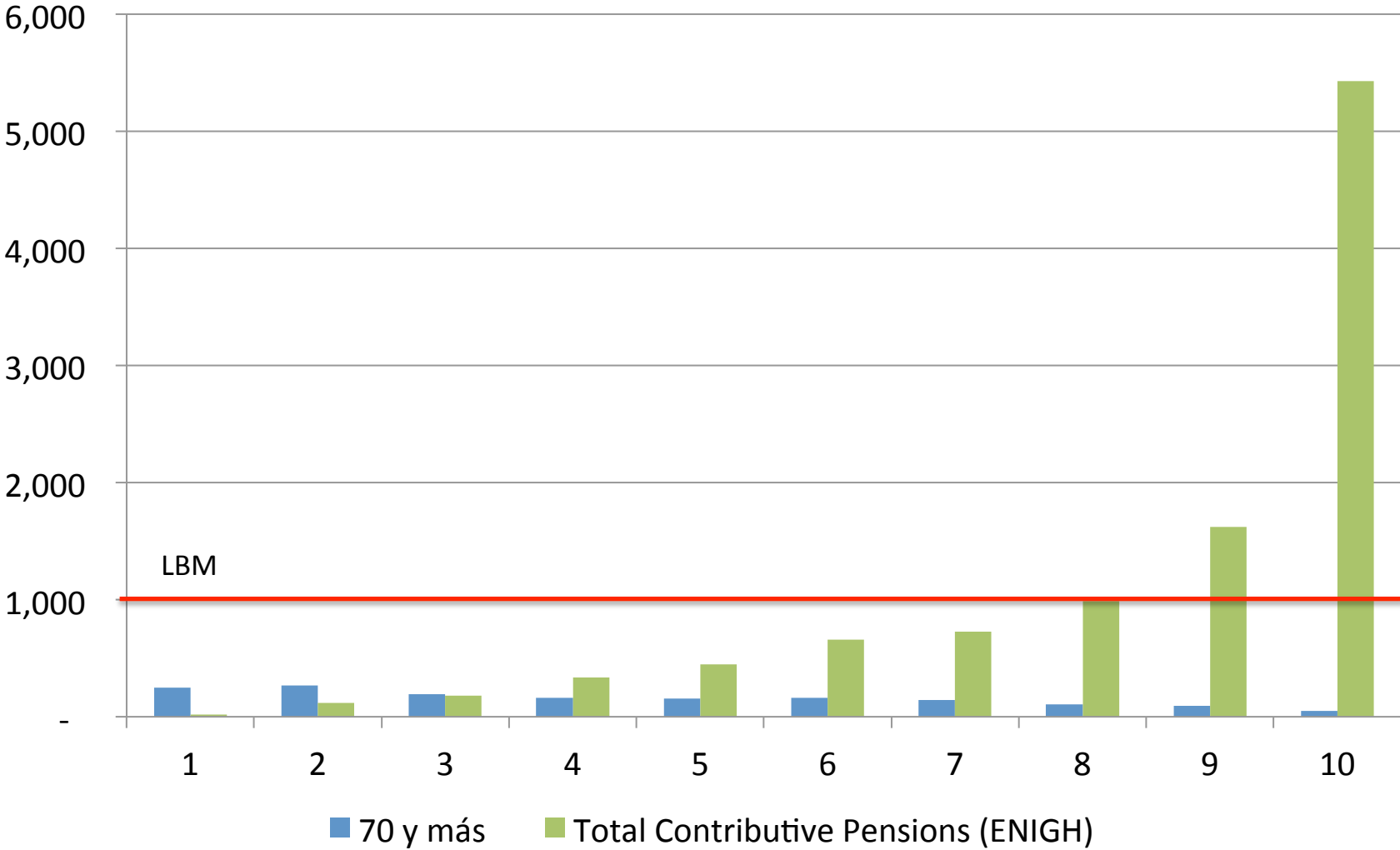
# Age groups

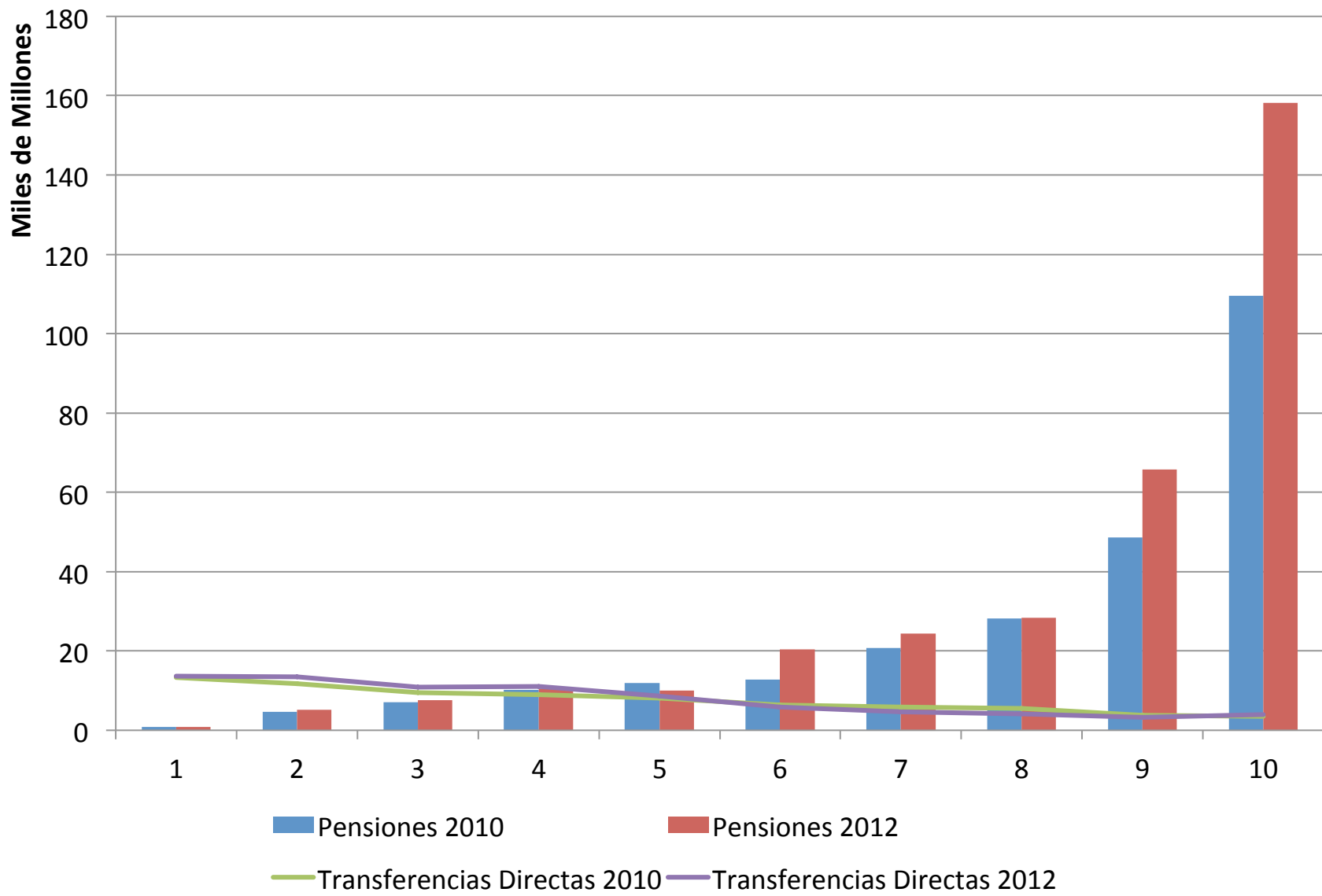
- Crowding out of private intra/inter-household transfers: public transfers aimed at vulnerable age groups may mostly benefit the non-vulnerable
- Distribution within household not observable in surveys

# Coverage of contributory and NC social protection in Mexico: pop. 65+ (2012)



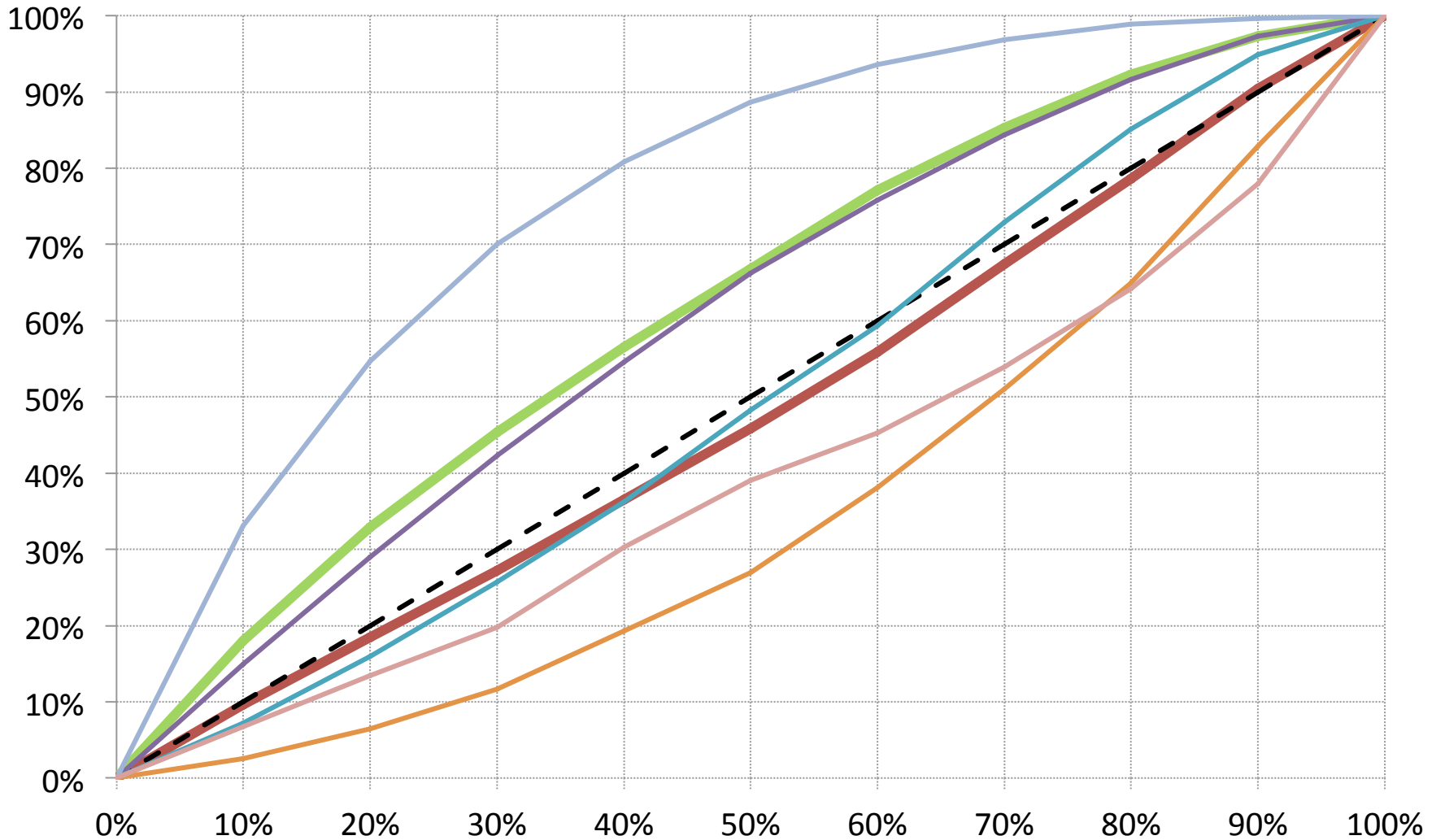
# Average contributory and NC pensions (per capita for 65+ age group)





# Non-monetary dimensions

- Multidimensional welfare measures: IDH, Mexico's official poverty measure (Coneval)
- *Income* redistribution is obviously not the primary function of in kind transfers
- Equality of opportunities: education, health
- Private social spending
- Methods, progressivity norms:
  - concentration curves of needs in specific dimensions
  - Effect of public social spending on CC of total social sending (not Gini)
  - Ranking households by dimension of interest



Rezago Educativo

Básica

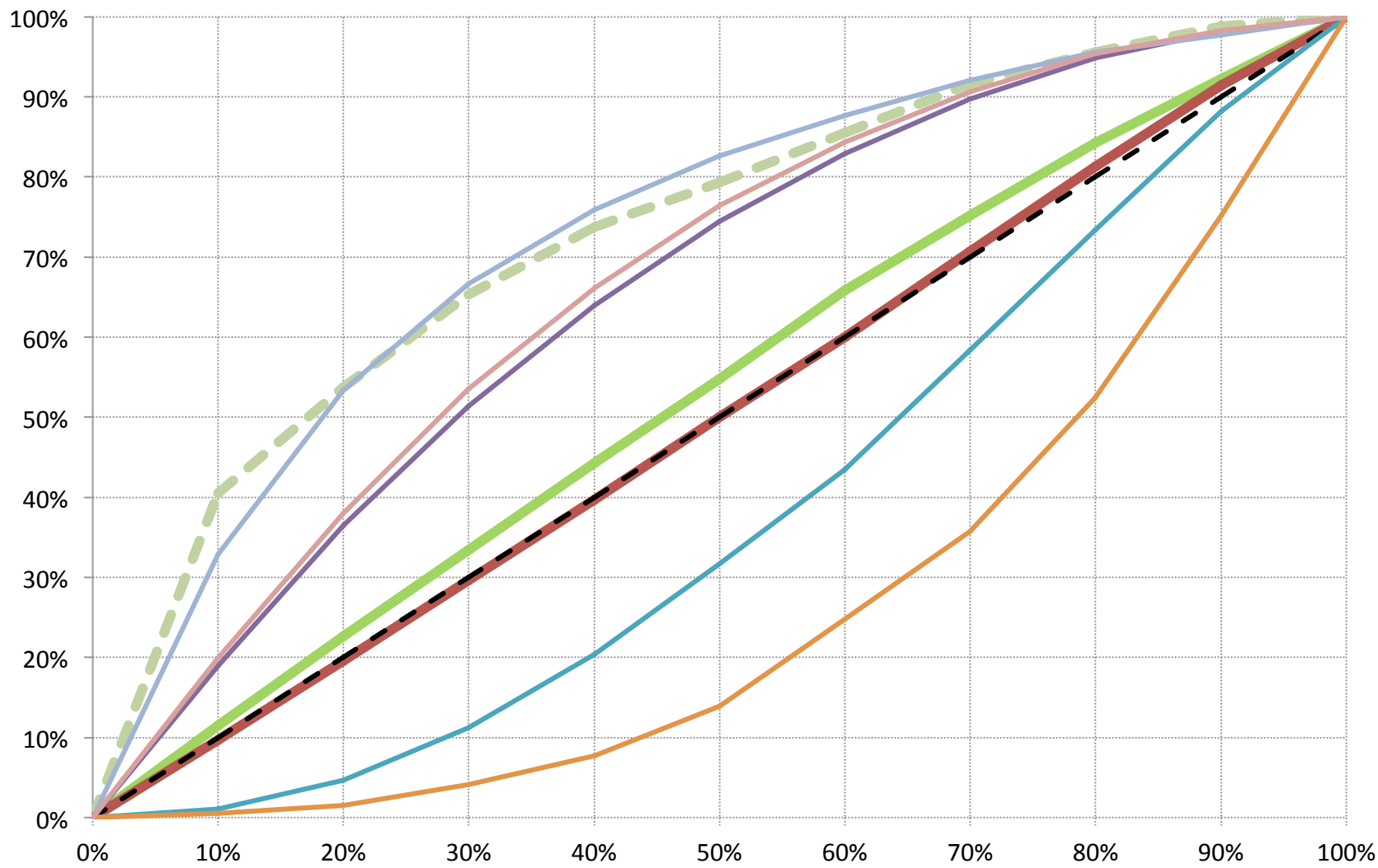
Superior

Total Public Educatio Spending

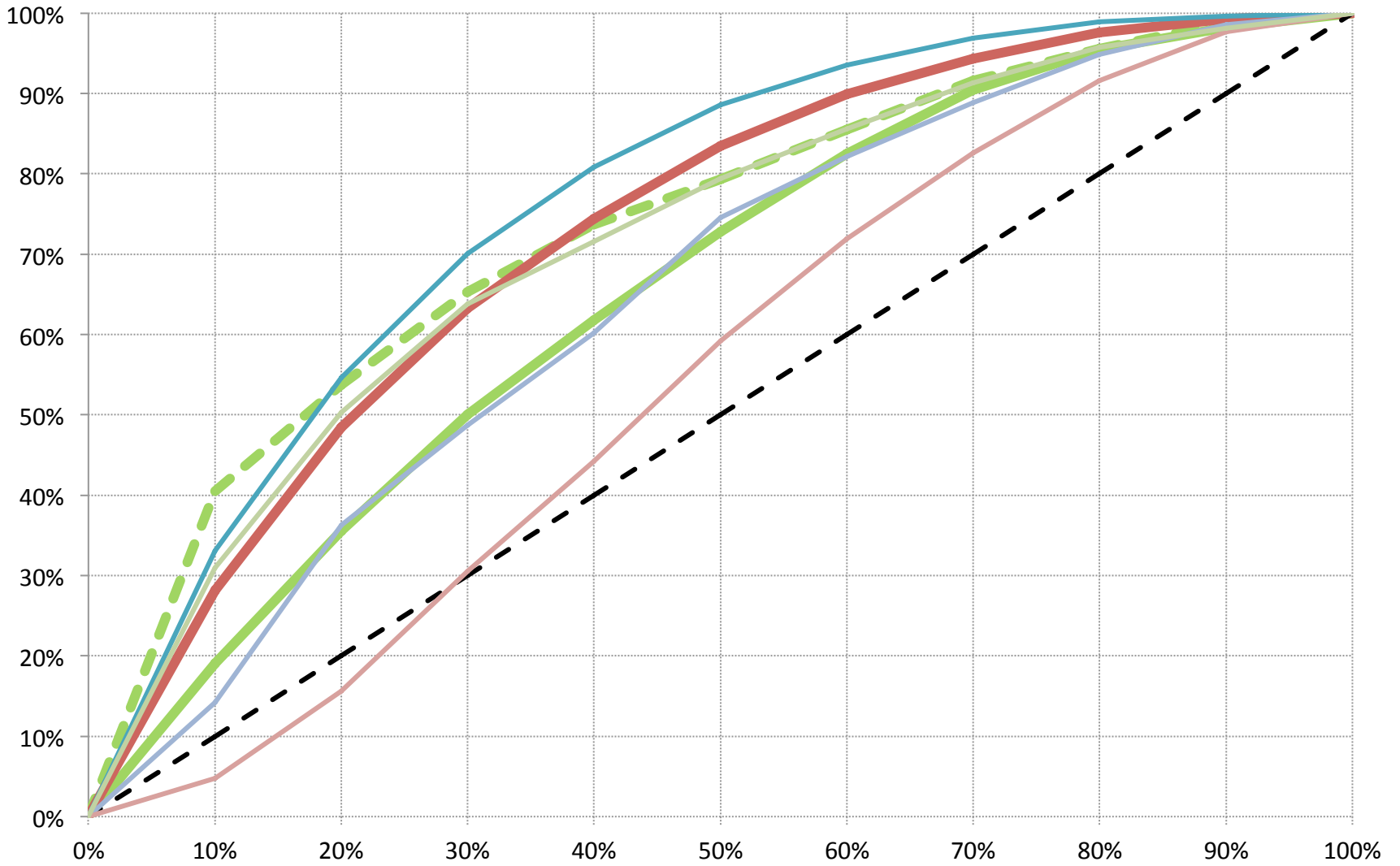
Media Superior

Becas Oportunidades





- Lacking health insurance
- Low weight/age (under 5)
- Total Public Spending
- SSA
- IMSS
- ISSSTE
- IMSS-Oportunidades
- Seguro Popular



Desnutrición (baja talla/edad preescolares)

Total Food Programs

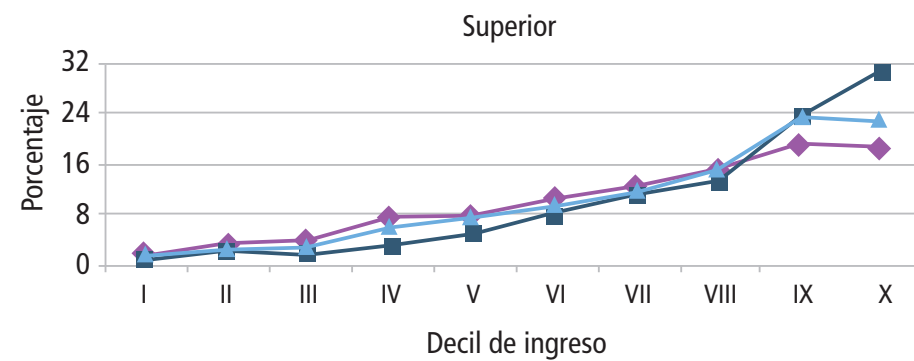
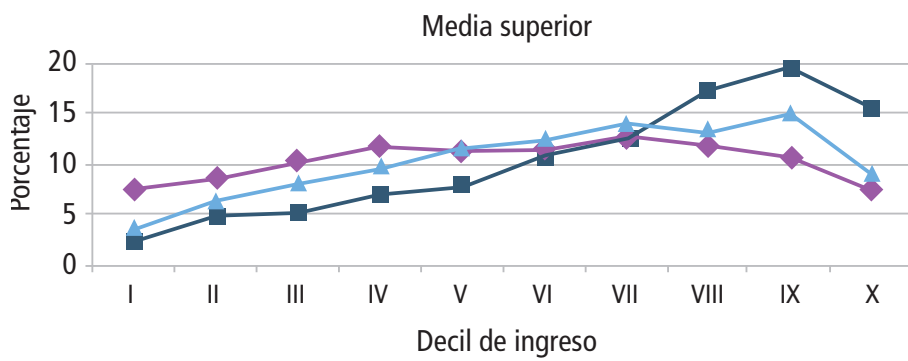
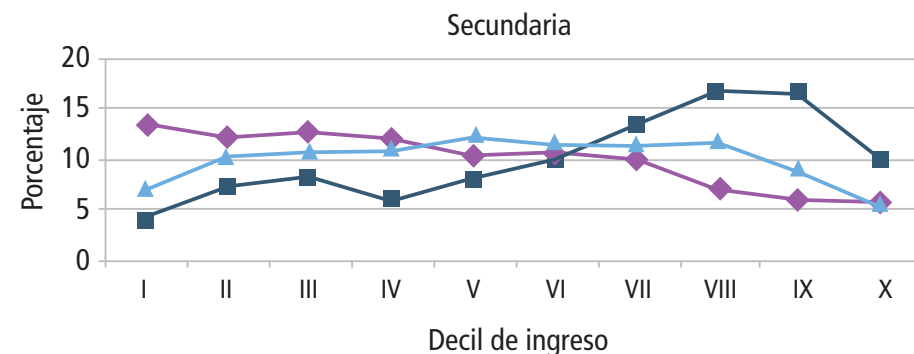
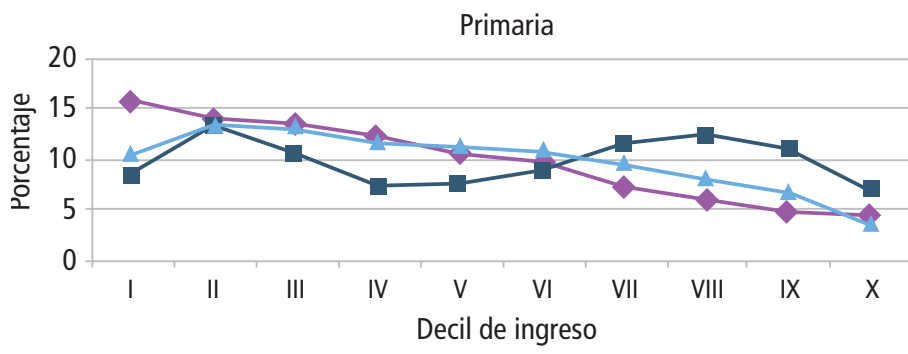
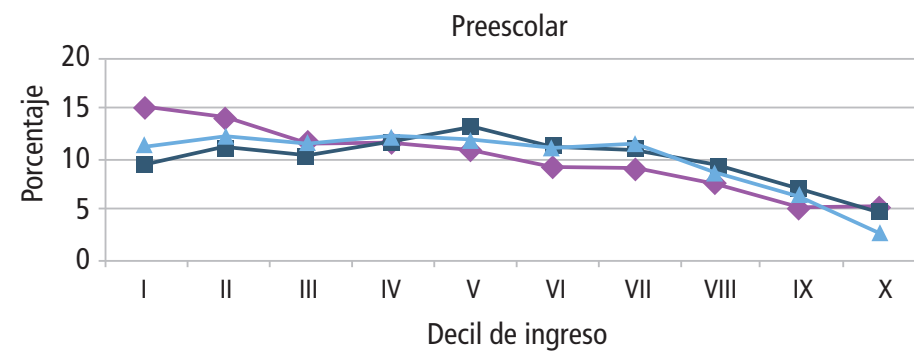
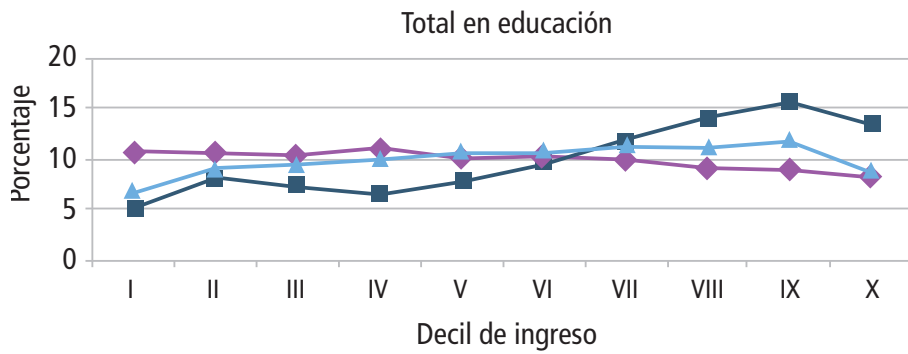
PAL

Diconsa

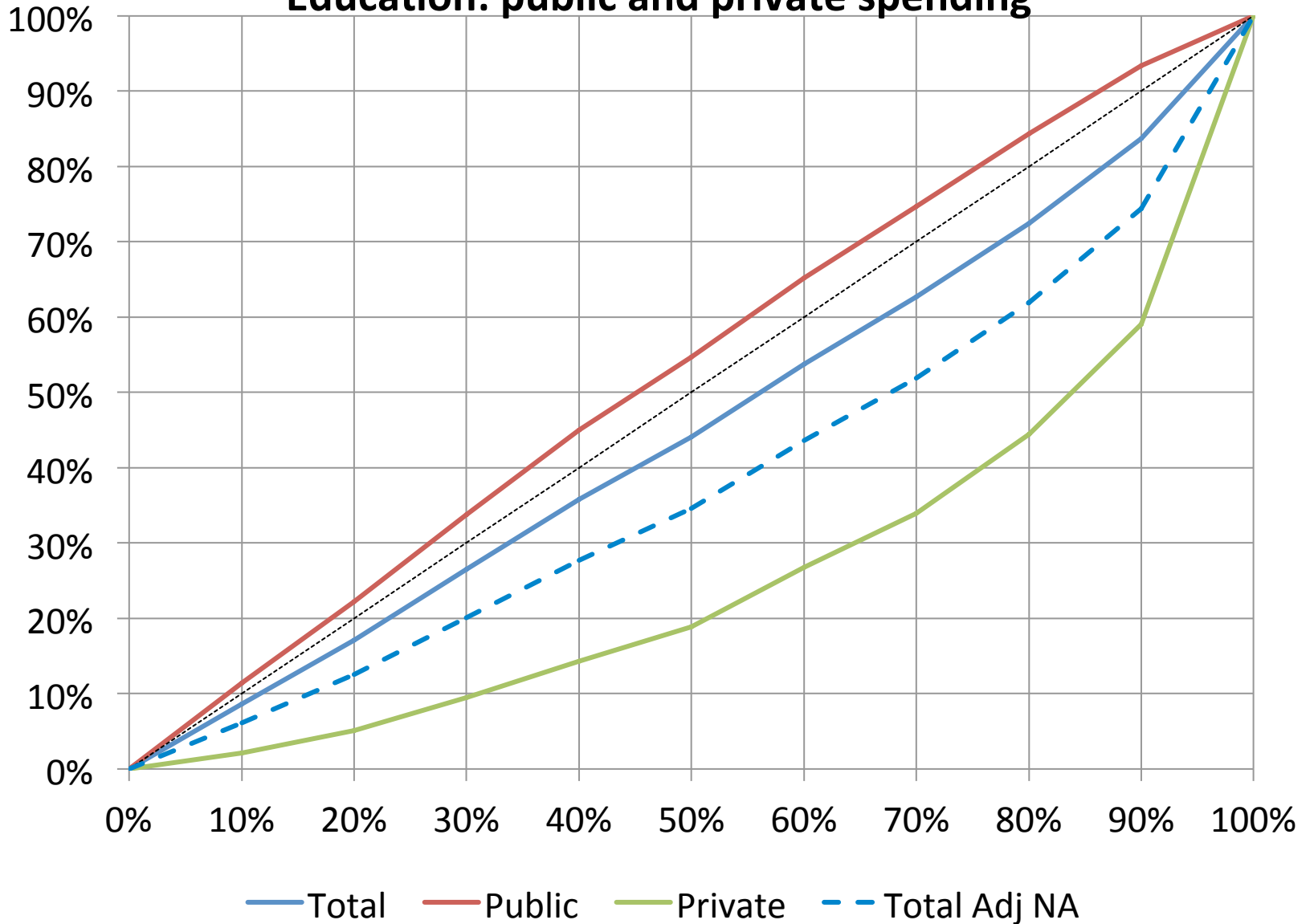
Rezago Acceso Alimentos (EMSA)

Oportunidades

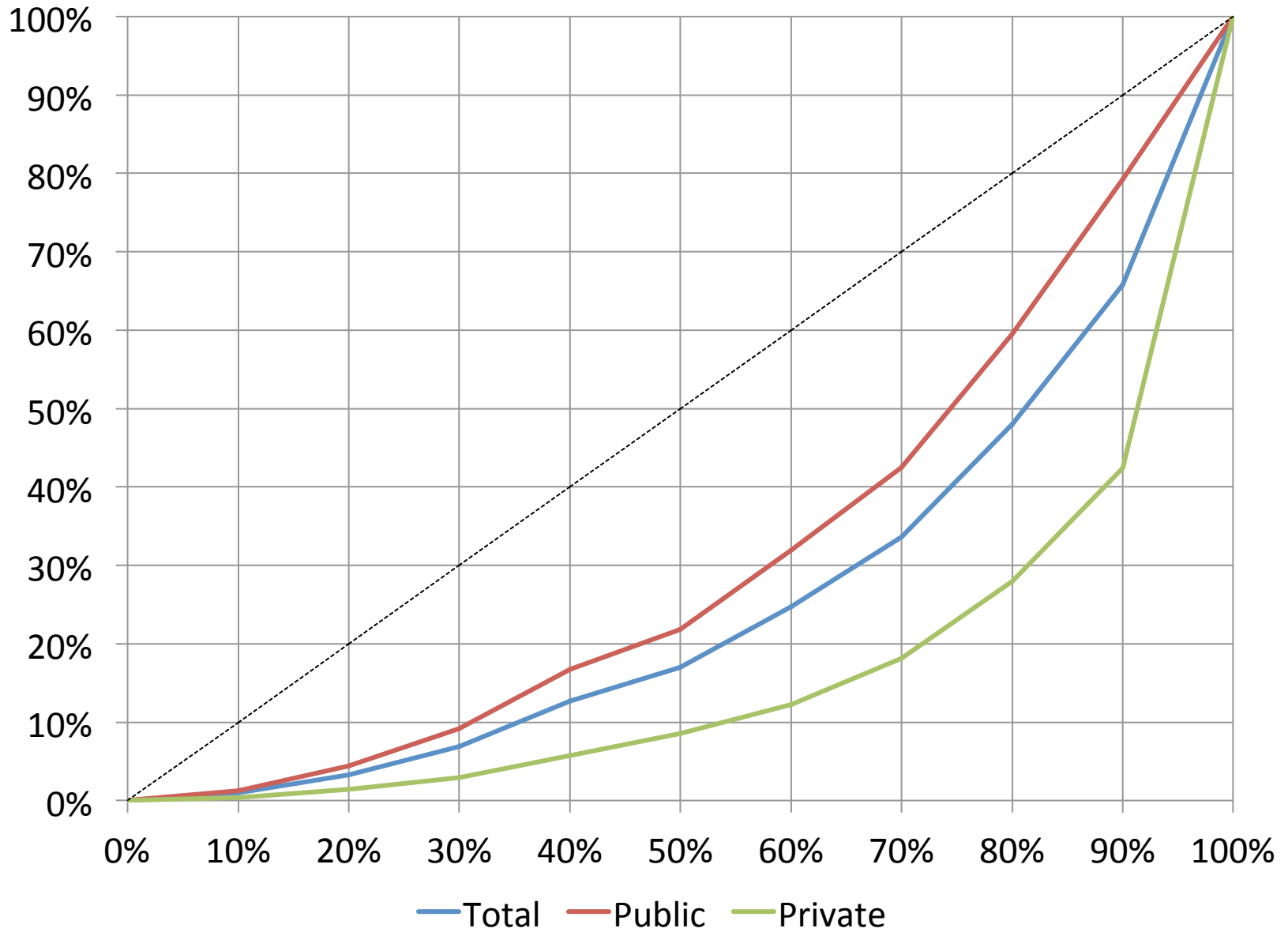
Liconsa



# Education: public and private spending



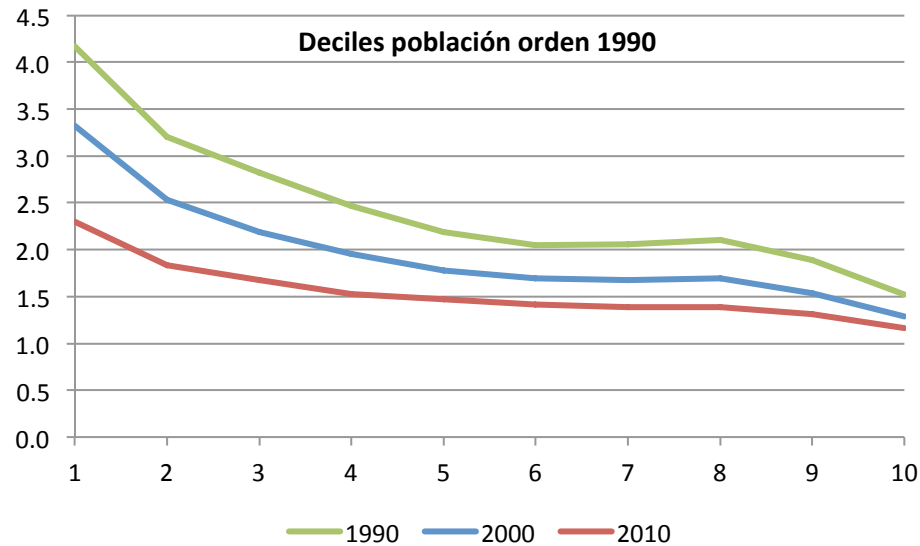
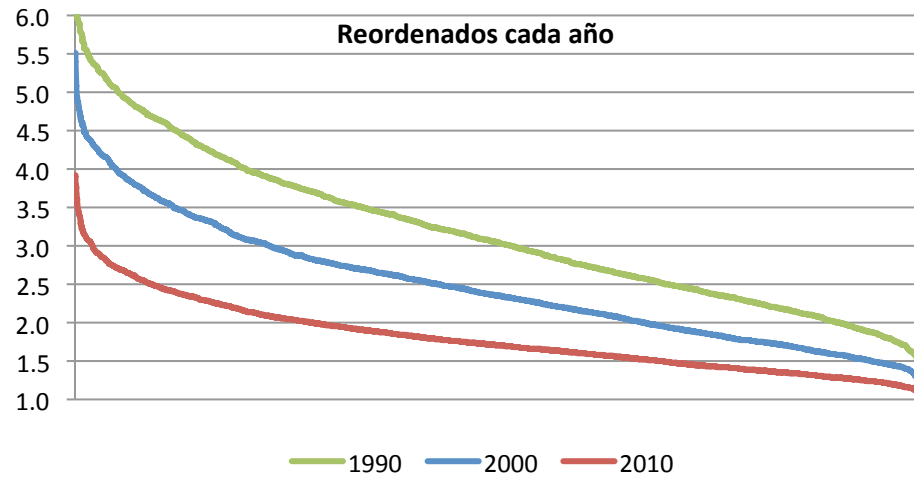
# Tertiary Education



# Geographic FIA

- Regional inequalities

# Average number of unsatisfied social needs (6)



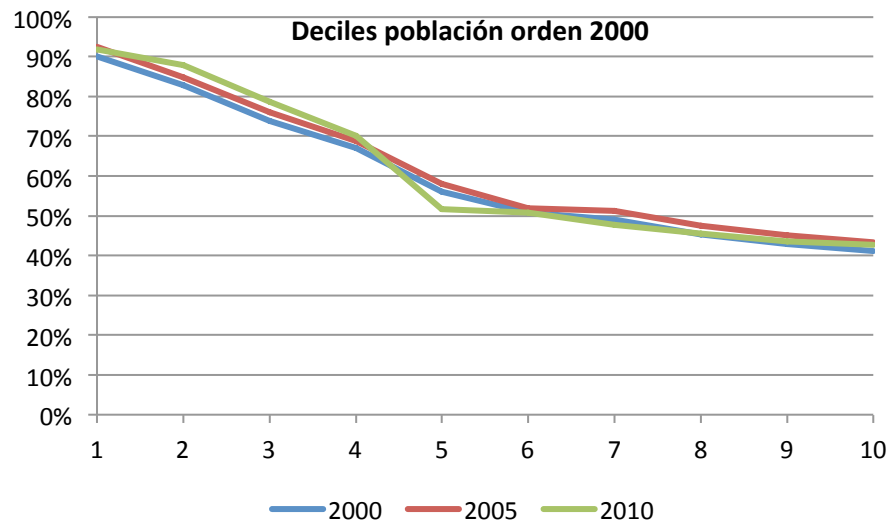
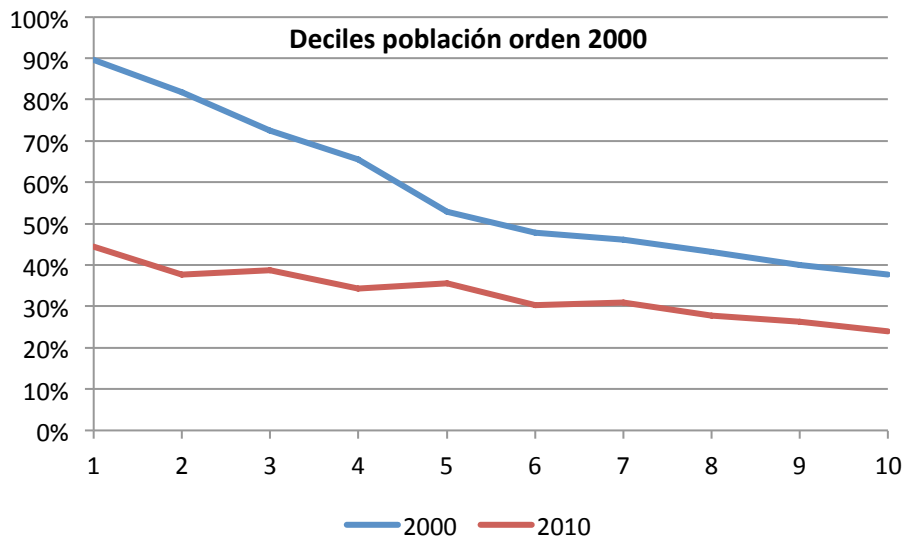
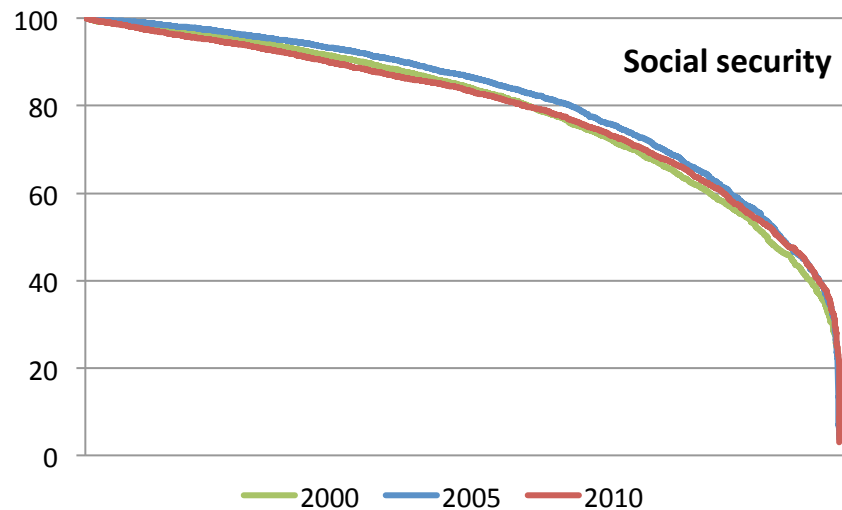
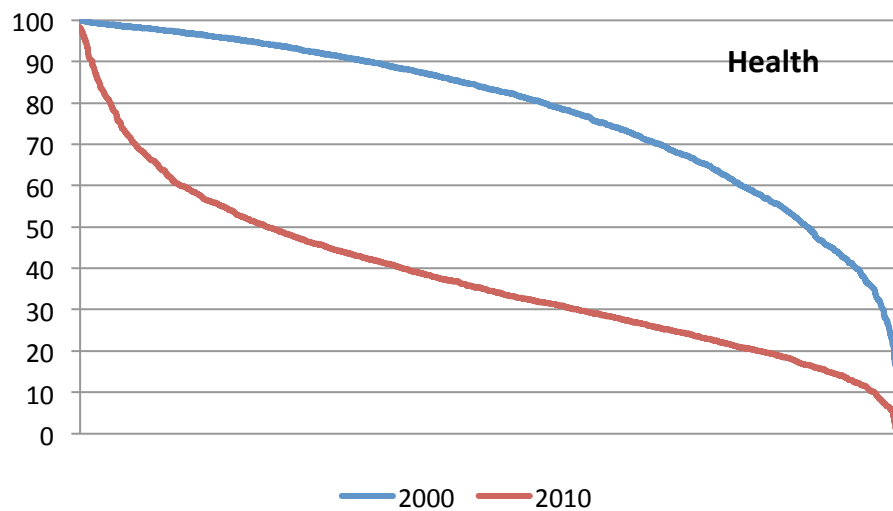




Tabla 5

			Total	1	2	3	4	5	6	7	8	9	10
	<b>Población</b>		<b>112,590,131</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
A	PAL	Hogares	677,027	18.0%	13.9%	20.8%	10.3%	7.6%	5.6%	4.8%	10.0%	3.7%	5.3%
A	PASL	Personas	6,047,405	5.0%	6.8%	10.4%	10.6%	12.2%	9.5%	12.1%	10.9%	9.6%	12.8%
A	Oportunidades	Hogares	5,818,954	31.7%	22.8%	14.2%	10.9%	5.4%	4.7%	3.7%	3.1%	2.5%	1.1%
I	PROCAMPO (productores)	Productores	2,652,205	35.0%	23.5%	14.7%	13.1%	4.5%	2.8%	2.9%	1.6%	1.5%	0.4%
I	PROCAMPO (montos)	montos	14,535,673	19.6%	20.6%	18.3%	17.3%	6.3%	4.0%	5.8%	4.4%	3.0%	0.7%
I	PTAZI	Personas	247,502	18.1%	20.3%	10.6%	17.4%	8.6%	5.1%	5.6%	3.2%	5.2%	6.0%
I	PET	Personas	115,177	23.9%	23.0%	13.3%	14.1%	4.6%	7.4%	3.2%	3.3%	4.1%	3.1%
I	FAPPA	Personas	21,523	19.4%	22.1%	17.5%	15.5%	8.3%	3.6%	4.5%	3.5%	4.6%	1.1%
I	PROMUSAG	Mujeres	24,343	22.9%	24.9%	17.7%	14.9%	6.6%	3.0%	4.3%	2.0%	3.0%	0.7%
I	POP	Personas	82,679	40.2%	29.8%	14.6%	8.4%	2.0%	1.7%	0.2%	0.7%	2.2%	0.2%
I	POPMI	Personas	28,356	61.6%	21.2%	7.7%	4.0%	1.8%	0.7%	0.2%	1.3%	0.4%	1.2%
I	PSASA	Productores	255,464	10.8%	15.2%	16.0%	17.5%	13.3%	6.5%	6.5%	6.8%	4.0%	3.4%
I	FONAES	personas	46,173	14.3%	19.2%	13.6%	14.4%	5.3%	6.5%	6.0%	5.3%	8.9%	6.5%
I	PRONAFIM	personas	493,639	32.1%	20.0%	10.6%	15.1%	3.5%	2.3%	3.6%	1.7%	7.0%	4.1%
I	70 y Más	Adultos Mayores	2,105,306	23.0%	22.9%	16.8%	16.0%	6.6%	4.4%	4.3%	2.5%	2.4%	1.1%
S	IMSS-Oportunidades	Personas	9,862,222	41.9%	26.5%	14.4%	8.3%	2.9%	1.4%	1.2%	2.1%	0.8%	0.5%
S	SMNG	Personas	4,260,588	15.3%	15.2%	13.3%	12.2%	8.5%	8.4%	7.7%	7.3%	6.4%	5.6%
S	SP		26,229,071	19.2%	19.3%	14.8%	13.2%	6.7%	6.8%	5.7%	5.5%	4.6%	4.1%
S	C. Saludables	Personas	3,946,439	3.1%	8.9%	20.5%	11.6%	6.6%	6.1%	32.3%	3.3%	6.9%	0.5%
S	PCS	Personas	3,425,680	25.2%	12.9%	6.6%	11.9%	2.2%	14.8%	10.9%	2.9%	3.3%	9.3%
SS	IMSS	Personas	35,380,021	2.7%	4.0%	6.2%	8.2%	10.4%	11.8%	13.5%	13.4%	14.7%	15.1%
SS	Institución privada	Personas	2,006,687	1.7%	2.8%	3.6%	4.6%	6.4%	7.4%	12.2%	14.2%	20.3%	26.8%
SS	ISSSTE	Personas	6,303,630	4.9%	7.3%	9.8%	10.1%	10.0%	10.4%	8.5%	12.2%	12.6%	14.2%
SS	ISSSTE estatal	Personas	900,884	4.6%	10.0%	11.8%	10.9%	18.3%	10.2%	7.1%	12.0%	10.0%	5.0%
SS	Otra institución	Personas	1,647,155	6.4%	8.9%	8.6%	9.6%	10.0%	10.5%	8.3%	9.2%	11.4%	17.2%
SS	Pemex & FA	Personas	1,091,321	2.8%	6.7%	10.3%	16.2%	10.8%	15.0%	13.7%	9.3%	8.2%	7.0%
SS	Con derechohabencia	Personas	72,514,513	8.9%	10.0%	9.8%	10.3%	9.0%	9.8%	10.1%	10.3%	10.7%	11.1%

