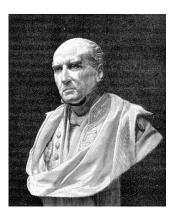
The Decline of the Extended Family



Steven Ruggles

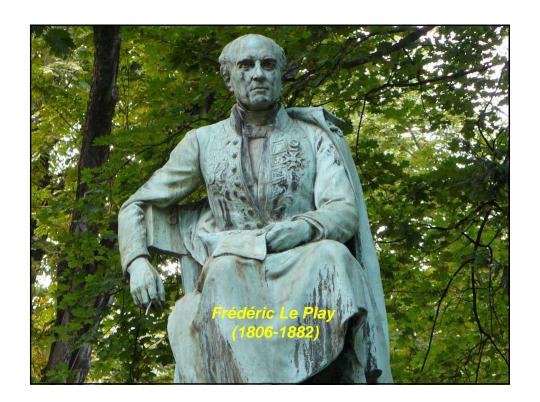


University of Minnesota



Frédéric Le Play (1806-1882)







Durkheim 1888



Burgess 1916



Ogburn 1932

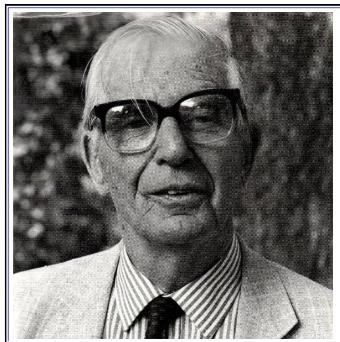


Parsons 1944



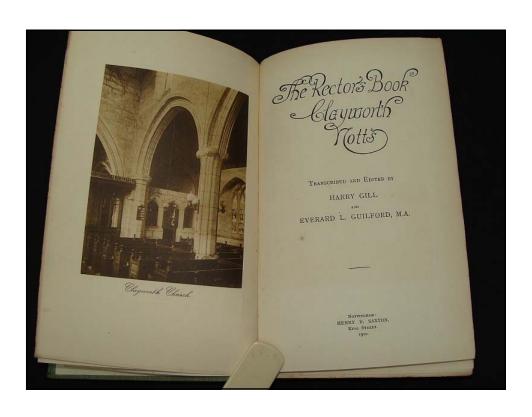
Goode 1963





Peter Laslett (1915-2001)

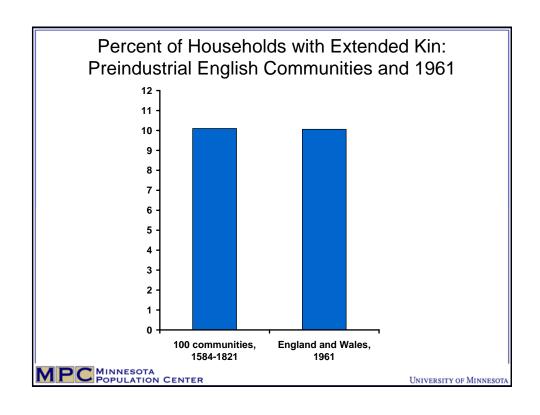
MPC MINNESOTA
POPULATION CENTER

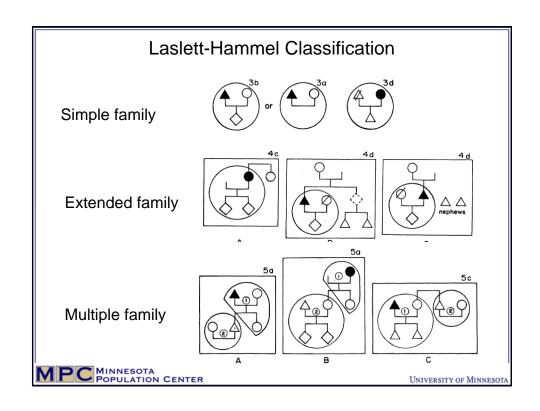




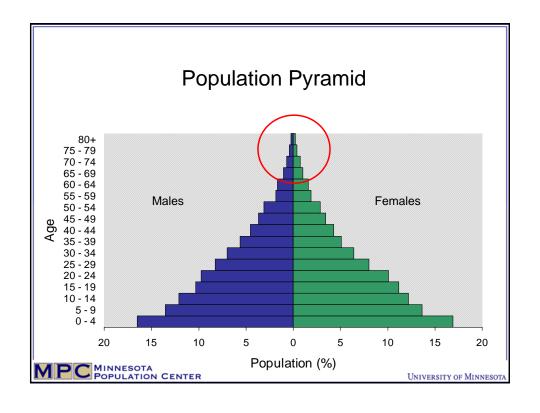
15 Rector's Book. Booth Sheppard Humf. Elton Parish-Clark Iohn his Wife Sarah his Wife Barbary Goodall her Son Eliz. Robt Children Humf. Anne yr Children Antho. John Willim Kilborne Servt Booth. Wid. Mary Richd Willm Faram Children his Wife Dorothy Willia Marg. Booth Weaver. Roger Sarah. Fran Children Xtopher Anne. Children Iohn Mary. Bingham | Servts Richd Roger. Boswell, Wright his Wife Mary Drue Robt Rich. Faram Anne his wife Geo. yr child . Eliz. Justice journeyma Denby Apprent Broughton Wid. Broughton Wid John Joh. Children Willia Richd Farnsworth labourer Eliz. Alex. his Wife Ann Mary Richd Roberts. Kinsmā Robt Children Joh Faroe Tayler. his Daughter. Mary Brown. Wid. Bridget Anne her Daughter Mary his Grandaughter. Sarah Clark Single woma Gabitus Wid. Olive Anne her Son Richd Tho

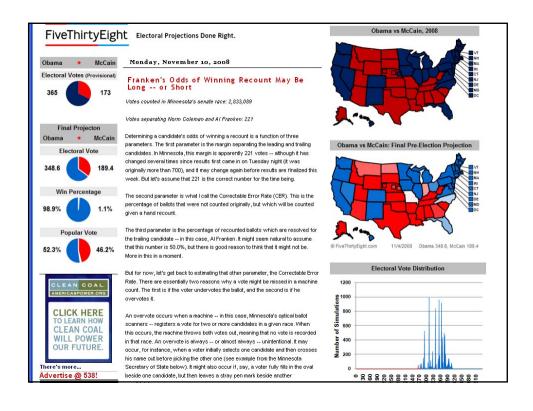
Rector's Book. 84 Eliz. Hales widow Patience Selby Servt. Mr Thomas Wawen Ld of ye Soil ... Jane his wife. Richd Colton Husb. F.H. Anthony yr Son & Heir Mrs. Frances Wawen; his Sister. Anne his wife. Charles Jenings Thomas yr Sons. Anne Otter & Servis Richard Frances Camadine Robt Mallender Servts. Isabel Bramhill Mrs. Eliz. Gilby & Anne Wyersdale Wid. Eliz. Bayly her Servt. Roger Booth, Weaver, Freeholder Thomas children. Robert Boswell, Housewright. ... 4. Richard Mary Spivie wid. Anne his Wife. John yr child. Mary her Daughter Mary Pashley servt. Barbara Mastin wid. 3. John Thwaights Apprentice. William Sampson Rect o' Claworth. F.H. 6. Mr. Nathaniel Sampson his Nephew. Eliz, her Dau'ter. Copperwhite ye Base Son of Eliz. Ralph Meers Labourer at Whitethorn 5. Richard Bett Robt Jackson Servis. Anne his wife. Mary Morehouse Xtian Harrison Gertrud Children. John Watkin Labourer Anne Anne his wife. Edward John | Children by his 1st wife John Norris Labourer. Mary his wife Mary i & Twins. Jonathan Anthony Children by this wife. Xter Johnson Husbandman. F.H. ... 8. John yr Child. Mary Worsley Wid. F.H.V. ... 3. Children. Anne Anne his wife Charles Peatfield Lab. at Arundel's ... James Sefton,

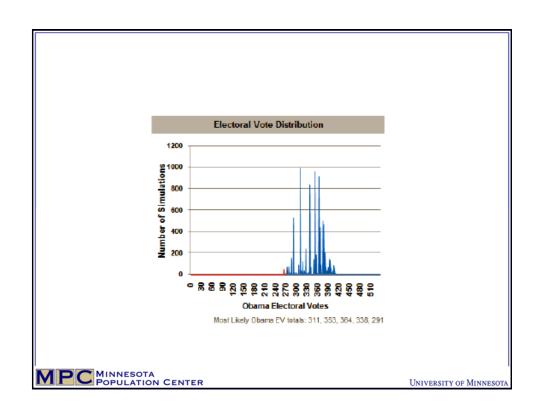


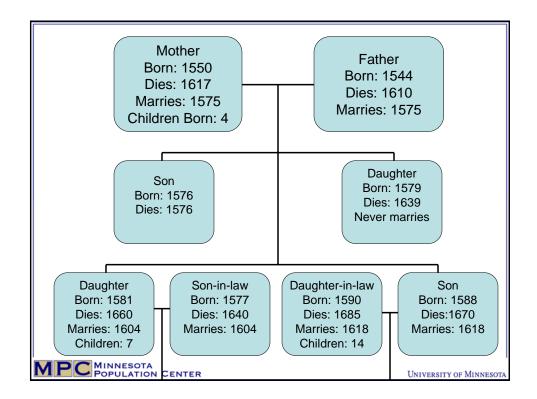


English Demographic Conditi	ons, ca. 1725
Life expectancy at birth	
Females	34.8
	32.5
Males	32.5
Median age at first marriage	
Females	25.2
Males	26.1
Mean generation length	34.7
Percent females celibate	14.1
Total fertility rate	4.6
MINNESOTA	
POPULATION CENTER	University of Minnesota









Confessions of a Microsimulator

Problems in Modeling the Demography of Kinship

Steven Ruggles Department of History University of Minnesota

I could not, without effort, constrain myself to the task of either recalling, or constructing into a regular narrative, the whole burthen of horrors which lies upon my brain.

-Thomas DeQuincey, Confessions of an Opium Eater

Ever since Peter Laslett and John Harrison (1963) discovered that multigenerational households were rare in preindustrial northwestern Europe, historians and demographers have been trying to estimate the effects of preindustrial demographic conditions on the potential for multigenerational households. Starting with back-of-the envelope calculations by Ansley Coale (1965), David Glass (1966), and E.A. Wrigley (1969), the techniques for assessing the effects of demography on historical kinship patterns have become more and more elaborate, culminating in complex demographic microsimulation models consisting of many thousands of lines of computer code (Wachter, Hammel, and Laslett 1978; Ruggles 1987; Smith 1987).

All demographic models incorporate simplifying as-

pendent of one another. That is, the characteristics of one member of a group of kin are assumed to be entirely uncorrelated with the characteristics of other members of the kin group. I call this the Whopper Assumption.¹

Because of the Whopper Assumption, models of kinship will produce less variation in the frequency of kin of any particular type than would occur in a real population. Our models will generally underestimate both the proportion of people with many kin and the proportion of people with few kin. As I will show, the magnitude of error is potentially large. In addition, the Whopper Assumption can affect the expected number of kin in a population.

What follows is presented in the terms of demographic microsimulation models—currently the technique of choice for analyzing the demography of the family and kinship—but most of my comments would apply equally to other kinds of kinship models. In brief, microsimulation involves creating a hypothetical population by randomly assigning demographic events—births, deaths,

Problems in Modeling the

Steven Department
University o

I could not, without effort, constrain myself to the task of either recalling, or constructing into a regular narrative, the whole burthen of horrors which lies upon my brain.

-Thomas DeQuincey, Confessions of an Opium Eater

Ever since Peter Laslett and John Harrison (1963) discovered that multigenerational households were rare in preindustrial northwestern Europe, historians and de-

Demography of Kinship

Ruggles of History f Minnesota

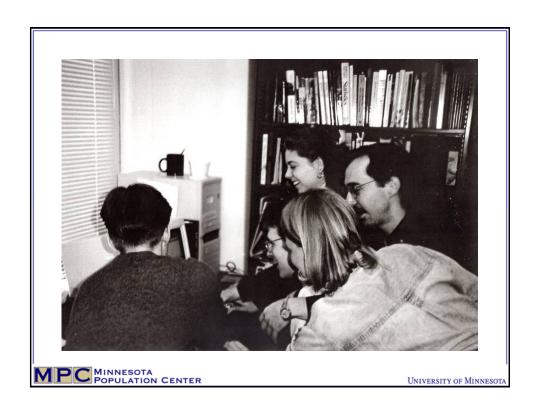
pendent of one another. That is, the characteristics of one member of a group of kin are assumed to be entirely uncorrelated with the characteristics of other members of the kin group. I call this the Whopper Assumption.¹

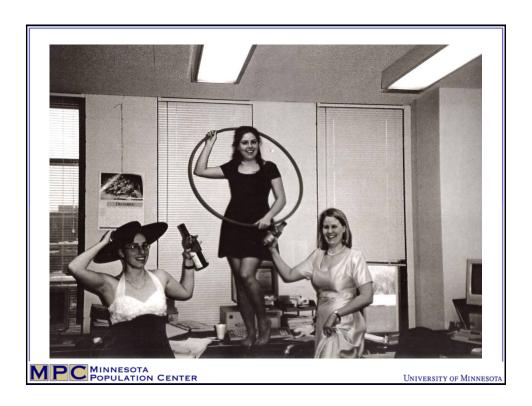
Because of the Whopper Assumption, models of kinship will produce less variation in the frequency of kin of any particular type than would occur in a real population. Our models will generally underestimate both the

The hear death horse visible and of the first of the firs		enui					day of June, 18	88	0.			,	
The board are brown throughout the state of	and ARC	. 100						(24	6	Wud	wD	Enumerate
Schenel Daniel L. V. S. Dayster V. Salver V. Selver V. S		Personal Description		Civil Condition.	Occupation.	7	Health.	1	Educati	-		Nativity.	
Johnson Ramiel In My 40 Jahorer V Jahone Many Many Many Many Many Many Many Many	The Name of each Person whose place of short, on the day of man, 1985, was not the family.	Joseph, W., Back, B.; Melatin, Ma.; Chlosen, Joseph, M.; Franki, F.; ser—Mah, M.; Franki, F.; ser, give smoothe for franking, there; J.; 1800. H. under year, give smoothe for franking, there: A.	Entationship of out- tones to the host of this fearing- whether with sen- tions of the contra- ction of the contra- tion of th	Startes, /, Startest, /, Thomas, /, Otrarest, D.	Profession, Companies or Trade of	unaber of months this person has been unemployed	In the present in the day of the present in the day of the present in the day of the present in	Metabel school winds the Census year, /	annimat, /.	mand with, /.	Perc of Bloth of this presson, seeing the State of Perfect of United States, or the Country, if of keeings birth.	Piece of Birth of the Farman of this per- range of the per- tage of the per- tage of the per- pendicular of the per- tage of the per- tage of the per- pendicular of the per- pendicula	Place of Birth of the Norman of this per Norman of this per non in g the real transition of United States, of of United States, of foreign birth, if foreign birth.
Bush h 4 3 1 1/1 Keekii Home 1 / New Gray My Color of Solar Orman Class 1 2 4 29 Baylin Brown Brown My 2 1 Baylin Brown Rest Jones Many My 2 1 Baylin Brown A House Many My 2 1 Baylin Allows My 2 1 Baylin A House Many My Grotion May 14 Saylin A House Many E May 2 5 Daylin A House Many E May 6 1 A Mount Many E May 6 1 A 1 Mount Many E May 6 1 Mount Many Color of the Solar Many Color of the Solar Many Gray Many Many Many Color of the Solar Many Many Many Many Many Many Many Many	•		7 .	9 10 11 1		14	15 16 17 16 10 20	91	22	23			
James O 4 57 Sayster Severe States States States States Some Solar	Schenck Daniel	mu 140	,	1		0					thew Jeney	0 /	newstern
Jane 0 4 29 Saughter Broad Revolution No Saughter Associated Revolution No. 1 4 21 Saughter A Home Muriforms Roma and Surface May 1/4 Saughter A Home I surface Roma and Surface May 1/4 Saughter A Home I surface from the North Surface Surf	1 De Marke	A W .	lo/-	1,				H	_	_	1. Versey	ne	and
Many & 10 4 21 Saight at Home Merger Rema hof Gregorian has 414 Daylot at Home hof Gregorian has 414 Daylot at Home 1/2 Security of the home of home from the home of he have been the home from the h	The state of the s		Dn 44	,		-		╁	Ľ	-		4	00
Professor May 4 7 Shaplet of Here I Shaplet of H				,	A. B. C. A. CO. C.			t		-			20
Namy & M. & 12 7. Dayster 1 Namy & M. & 12 7. Dayster 1 Valence Johnson Mark 1 Ladger 3 Menty Son M. & 10 7. Dayster 1 Jaborer 3 Menty Son Mark 1 Jolan Social Social Social Mark 1 Comme & Children W + 17 Dayster 1 Som / Laborer V / Austral Mark 1 Comme & Clem W + 17 Som / Laborer V / Austral Mark 1 Comme & Clem W + 17 Comme & Clem W + 17 Comme & Clem W + 17 Comme & Comme & Clem W + 1 Comme & Comme & Comme & M. Social Socia	Gengian	me 4 14	Darohten		at Heres			/			Rew frage	Pana	22
Hang & Mark & From the Content of Survey Breeze of Menthoning				/							new farmer	Pen a	orfo
The Grand of 4 of 1 / Recking Home / And and Incland Sorla Sorla Sorla Recking Home / And and Incland Sorla Sorla Recking W 7 of Daughter / Swant / Recking Home, Incland Incland Sorla Palleto to the 2 of Incland Incland Incland Sorla Soria Ellen W 7 of I Swant / Incland			9. Dayste			11		L	1		newborse	Prima	as.
Tolden Ellen a 7 00 / Sugsta / Repair Home V / Irolan Tollan Soles Soles May to the form of the John Jollan Soles Oring College W 1 / Sus Honey Tollan Jollan Soles Comme Ellen a 2 00 / Sus Honey Tollan Jollan Soles College & 1 / Sus Honey Tollan Jollan Jollan Soles (Miss Joseph B 2) / Sus Honey Tollan Jollan Jollan Jollan Soles (Miss Joney R.S. Ref. Compleie B 3 3 1 1 / New Homes R.S. Ref. And Compleie B 3 3 1 1 / New Homes R.S. Ref. Research Homes Research						3.		╀	1	_	new soun		
Measy W 717 Daughter 1 Known to Meast Meast Mary Incland Incland Order Gleen W 2 y 1 Som 1 Lebones V 1 had finey Incland Incla			wyz	//				╁	,	,		2.05	0. 0
Philes to the 2 som / Laborer / heat finey bollow Sorlar Science & lee w & y or / Smooth / Sorlar Sorrer & D. D. J. D. J	many	the state of the s	Dankto	,	Receing Home	V		t	-	/			
Commer Ellen W X v. / Smant / 1 Solan Doctor / Mew Verney M. Ref. Comelia 10 x 34 works / Keeping House / Menter of Mew Verney & J. 2 2	Philes			/	Laboren	V		T		1	1 111		Ireland
Comelia 0 7 34 wof 1 Keeping House Me Me Persey 2 2 2 2	Comer Eller		9	1		1			1	1			Joelan
	Eilling Grael			. 7	-	4		L		1	new Jersey	h.S.	hand
Monage B h 11 Par 1 Och Salmals 1 Box Pane By	(Comelia Yhomas	10 4 34	wyz	1	7.7			1	1		new Versey	2,0	28

3/1 //	W. 1 . 1	.5	26		
	Mur penter V	1000	Ja /		-
-		1 3/11	Try V		
62		18 1	Jely	1	
64.11	Recorder Alh. Alte J	1200	Ca!		3
54 A		- 22			
	Clerks	1 500	6		
4-1					
2411	Carpentul	2100	* Y		
45 11	miller	5750	me		
	777,000	1	111.	1	1
		1		V	1
6. 4.		100			
	16 15 16 18	100	dec.	× i	
	2.11.1		2 comany		_
		10	mi.		_
	acry at Law	1	Dry V		
		122	4	-	-
1 -1 1	-	-32-31	Ills		-
18 24		7.74			
5511	merchant	18000	Ag. V	- 1	
1411	1	100	All	1	
15 7		0	4	1	
70 M		1	1 4	1	
	54 9 25 11 26 24 24 11 45 11 8 2 37 2 32 2 22 29 35 11 40 11 28 2 7 11 18 2 55 11 14 11 10 2	6 D 64.11 Recorden 4th Mk S 54 D 23 M Clark J 24 D 24 M Clark J 24 D 24 M Clark J 37 D 37 D 32 D 32 D 35 M Drader J 29 M Muchant N 40 M Atty at Saw 28 D 35 M Muchant N 40 M M M M M M M M M M M M M M M M M M M	6 9 64.11 Recorder 4/h. llk 1200 54 9 25 11 Clark 5 20 9 24 11 Clark 5 8 9 37 2 31 2 22 9 35 11 Deader 5 29 11 Merchant 5 40 11 Athy at Law 28 2 7 11 18 9 55 11 Merchant 18000 14 15 3	16 D 6 D 6 D 6 D 6 D 6 D 6 D 6 D	(9) (4.11 Theorem 4th. 1th 1200 that 1 54 9 AG. V 23 11 Clark I England I 20 9 Alle 24 dt Carpentar 1400 King V 45 dt Miller V 5750 me v 8 9 Alle I 37 2 Me. V 31 2 22 2 Germany I 35 dt Deader I Me V 29 dt Mechant My 40 dt Atty at Sand Sty V 28 2 July Merchant 18000 Mg. V 18 2 July Merchant 18000 Mg. V 14 dt Med Merchant 18000 Mg. V 14 dt Med Merchant 18000 Mg. V 14 dt Med Merchant Mg. V 15 2 July Merchant 18000 Mg. V 16 2 July Merchant Mg. V 16 2 July Mg. V 17 2 July Mg. V 18 2 July Mg. V 1

12	ne	deser		FO	URTEEN	ITH (CEN	SUS OF	THE UNI	TED STA	TE8: 1920-	-POPUL	ATION			N DISTRICT NO	14	13
HIP O	R OTHE	R DIVISION OF COUNTY_		-	Name and Address of the		-	- N	NAME OF INCORPOR	RATED PLACE_	newBrus	newic					2 3	15%
	NAME C	OF INSTITUTION		. The Street on the				_	EN	UMERATED BY ME	ON THE . 26	DAY	Jama	7 1920 M	ilh	am Yeagh	wh ENU	IMERATOR.
07 A	10DE	XAME	BELATION.	=	756E 10079	СПП	EDISEIP.	IDCCATION.			NATIVITY AND MO	THIS TONGUL	,		1	0 4	CUPATION	101
- la	J_	of each person whose place of aboth	-	2 12.	T t f	e is	111	14: 1:			and lead		windley. Telledge little,	gire the pion of tages.	Ш		12	10
		Date and the day of the case and all	-	143	1 1	1. 34	l R	第111	Pille		Pares		944		햄	THE PROPERTY.	"HELDER ST	# 里里
5	22	Sacistic contraction for the earliest of Landson I., 1988.	-	1 12	1 1 1 1	ii jii		14 14 64	Pare 4'000.	Bellerings.	Pared Mills.	Belor Ingo.	Paradition.	Belor Sago.	11	2.00	alon, farm, etc.	===
	•	3 47. 4		7 8	9 H H	111	14 15	16 17 16	4. /		# #		, "	N N	15	**	87	n jo,
+	+	neflie	Mils.	Н	MW 19	7	٠,	7.34	newgener		reveney	Buglish	newforcer	English	1/4	none	0.0	
+	₩	140 B	h lan	++	m W 22		-	140,140	me Hanne		Mendorade	-	new for stre	1-2	100	Decturay	Marchina	11/1
+	 	Mary	Day Alte.	\vdash	F 71 17		_	24 42.46	newsersey	/l	newgering		newberely		4	Sperater	March Lan	1 2
7 17	326	Warner John J	Wife	R	m m22	24		Bestles	nuversa		new gerely		surpriety.		140	Bookhagen	Office	21
Ţ		mildred	Wife		FW 197			notyesty	rengerty		newyork		rema		74	none	01	12
+	+	mildred	desighter		FN 1/2	201		160	new geral	4	new gray	-	renderey		۲.	none	_	
+	+	Beh.	Liste		JW19.		-	a but	muleral		newsprey		manuel	-	100	artest ?		- 2
1		Greet	Crother	111	mw13	7	1	year yearly	restferel	4	newgerten	ė.	newserie	1	松	none	- rongpul	77
T	288	Opie amelia	m Brother	10 mg	FW 53	8	1	agely	men force	4	restfreety	-	rengered	4 -	30	dresomate	athom	4 OA
		angusten			m m 517		-	Here	newgered	4	newyersey		resoferacy			Teacher	music.	MA
7 YZ	29	Kelly John	Wite	W	7 71 56	7	-	Offic Office	newgret	/	gerand	English	hiland	English	124		Jugkout	2
-	-		lan	\vdash	70 70 3	3		de to	nece bless	-	moverey	angasa	heland	English	12	black :	Mater Dope	_
+	1	Edward	dan	114	n 227	31 1	_	July	navene		Newtenery	-	morened			There .	Jak Sham	2
		John h	lon	1	mmA	8			newgener	2	Verteraly		medfores		tu	Sheeker Operater Publicumps	may them	20
	296	wills James &	Head .	P	mm/2	n		nelle	Mengereely	2	heland	English	Suland	English	4/4	Rubberryke	feetay.	2
_	'	Chrone	- Mile		J 77 3/12	7	-	w 25 12	reasered	·	Bermany	Berman	termony	berman	2		_	
+	+	Barriel	Ningte.	113	mm9			The Star Star	newyork	£	newfordy		newyord	7	14	none		
1100	39	Transfer de	164	P	20 -27 25	24	-1-2	310 74	They beard	*	has the second	Englist.	Inches 1	English	172	laborer	A.F	
7	177	Jarly hancing	Wila	1	7715%	6	_	Marche	Perm.		Treland	English	heland Leurs.	English	140		factory	2
		- Eleanor	4 Manuater		7773	7	_	12.94	newyore	4	narfacey		Jenn.	0	192	Marker 1	Chingfood	
			Tone.		mman	24		490.30	Midleral	9 -	revolunes	н	rem		14	Charge	hatter	724
- -	\vdash	marie	pargiting	\vdash	9 7721			njery,	recognic	/	renterely		Penny		94	Waple	Blungfacts	74 74
+	-	marie	Heid	fe-	J 1 69	700		TRACE.	newyork o	1	Idland	Englis	maryork	0.4	200	none	-,-	-
	472	Hickey Mary	dan	114	m 25	é		Medical	newserves	7	new erren	ange	Juland	ngail	1	Realtons	2.7160	A 20/ /
$^{-}$		Brisley Peter	Commlew	1	mm 230	3		46.594	maryland	d	maryland	-	maryland		模。	Machini Hand	Tube hely	12
		Helen	Variation Variation		JM22	3		- Testy	newgree	4	Mengersey		newgeres	y ,	7/4	Matchina	my Theris	ut n
217	6233	applicate this	The	R 1	mn 38	3		- gery	newyrey	•	newgendy		newgenel	1	1/2	Matching	factory	W
+	17	TOAL	1 Lan	+-	V 77 36	7	-	71.04	nurgyely		new general	-	newgener		Z.	office Box	1,0	
2 17	1294	bronk Hubert	B Head	10 m	MWIST		-	Augh	necharas	t	moleradi	-	rentend		Tue.	Borphust	factory	20
-	777	alice	Plite	7	Jn46	4		Sep. 24	Kenterre	4	med govern		rentensey		190	none	Part I	7
		Elwood	D don .		mmw	/		4 yeary	newgrad	4	newgerady		rendfered	1	K.	Student	bollage.	W
	0.00	. Strace &	Noted	4	F114	V	2 -	spenge go	rewent	4	regulerrey	W. 11. 4	my finely		ju	mone	0	
317	179	Freedman Sraa		0 24	77149	31700	79 199	y yage	ouris (Geddiel	Rusera	Heddich	aussia ?	Geldiel	8	thremake	aronthy	504
+	++	man absach	In I dan	1	PW52	7 1962	24191	24.2	Russis		Russia	Ou Jane	Much	quality	1	Rutelus	Plat	74
7 17	929	Feller Herman	Hear	0%	m W20	n 190	no X	24	Russia	anddred	Bureia	Brediel	Rusia	Geldiel	14	merchant		7
"	1/1	Rose	mile	1 1	77 27	7		100	motor	0	Russia	geldich	Russia	gradish	1/4	none	77.	
		a Otto	Saly		MW Mr.	8		0 0	newsersey	4	Russia	Geddiel	nygot	0	37	none		
1	197	Teksekez Blumi	, Head		F W 524	14 1875	Rq X	76.3	Russia Russia New York	giddish	gineia	Geddiel	olunia	gradies	T/a	none	-	
+	1.1	gertrus	e deugite	-	37021.	5	-	200	new york	_	Lucia	yrddred	Museia	Milliel	K.	Monograph		21
+	+	Sentie	ton	1	mni	6	1	The Property	newhole	-	Russia	Suddial	turing	Gillial	4	none	a Office	2/
5 18	0 298	Immermantes	to Head		3 N 42		\rightarrow	184.9	newarie		Germany	German	They you	7	de.	Checker	factory	2/
-	7/9	margo .	et Wife		F W42	2.7		a. a.	midere	Francy	Kamenh	Berman	nowhersey	1	44.	none	1	12







MPC MINNESOTA
POPULATION CENTER





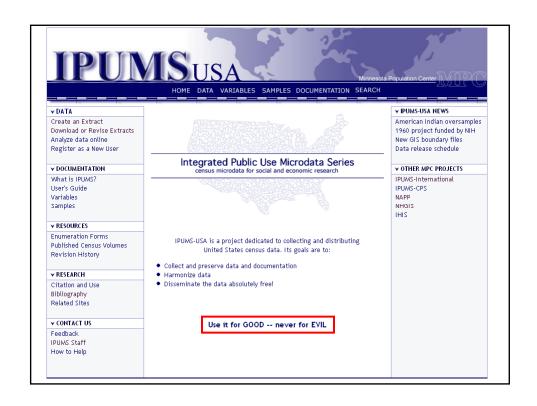


MPC MINNESOTA
POPULATION CENTER

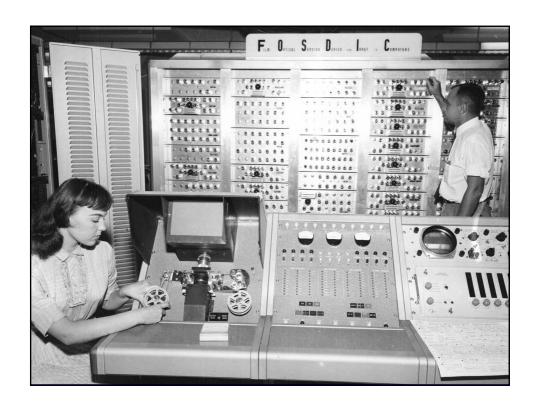


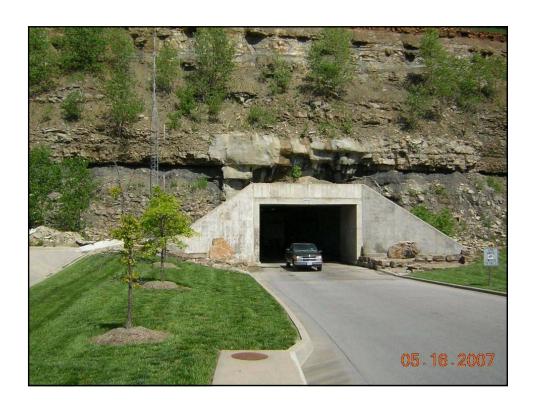






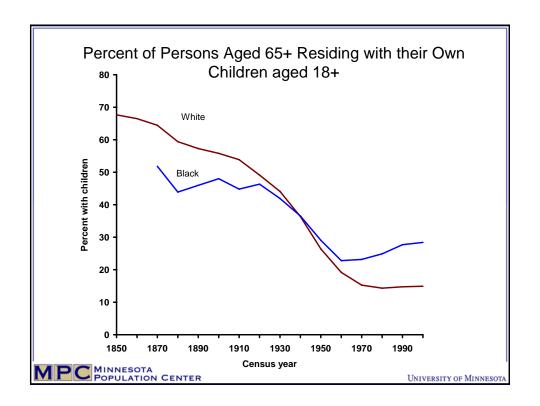
sa ar	RST—Co imple k nd add om list shee P1, and	ress ing t to H1,	If ACR: Review Sec.B,1	Does this k	If no At	ore than I HU. CR. ask: 1 femily live in "Yes"—De they th the femily, or parete quarters?	THRD—List names in relatives" or "nonrel If ACR; Review Sec. B.2 and B.3. Then copy final list from Sec. A.	P2; mark relatives," find or What is the ner What ere the in here?	it if they ha If no ACR no of the hoo	ve separate , ask: d of this how	quarters.	here but is ted is there anyone		
Line No.	P1. Se	Por All	e key richold her sens listed f order "GQ" per ent units	sens	P2. Name List persons in this order	Married sens and des Other relatives Other persons, such a	one first. daughters (in order of age) ghours and their families as ladgers, maids, or hired ham heir relatives living in	P3. What is hiship to the he household?		M. Sex	PS. Color	 ! []]]]		
ī	00	0	0	- 60 —				000	000	00	000	0000		
2	00	0	0	0 *				000	000	00	000	0000		
3	00	0	0	0				000	000	00	000	0000		
4	00	0	0	0				000	000	00	000	0000		
5	00	0	0	0			,	000	000	00	000			
6	00	0	0	0 *				000	000	00	000	0000		
,	00	0	0	0				000	000	00	000	0000		
	00	0	0	0				000	000	00	000	0000		
,	00	0	0	0				000	000	00	000	0000		
10	0.0	0	0	0 *				000	000	00	.000	0000		











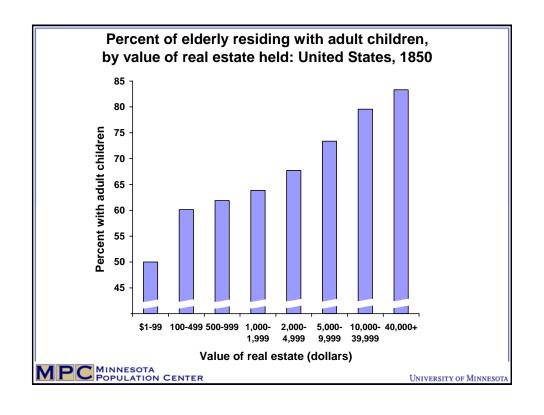


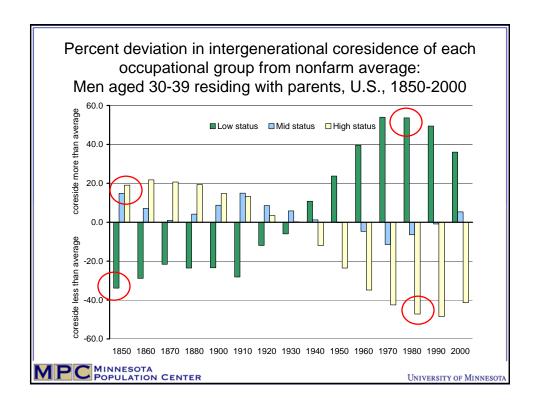
Tamara Hareven (1994): "Multigenerational families were rare, and only resorted to in cases of necessity, primarily when elderly parents were too frail to maintain a separate residence."

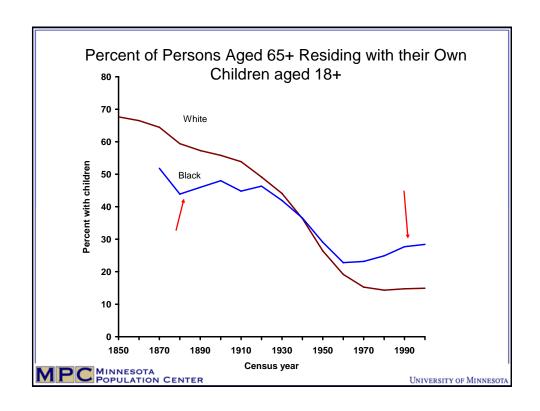


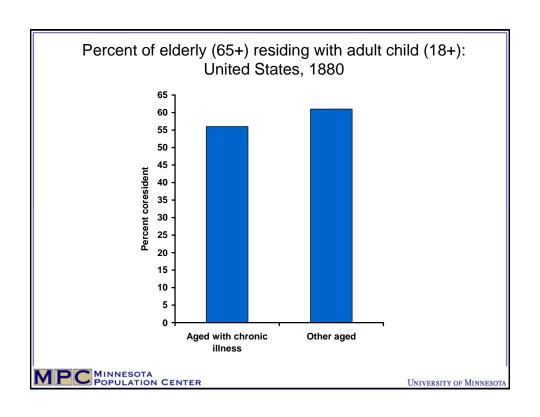
David Kertzer (1995): "Nuclear Reincorporation Theory"

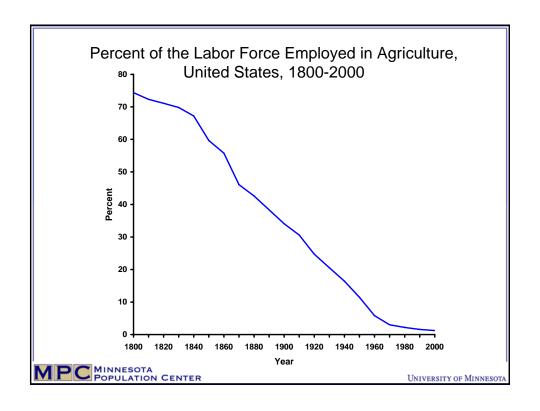


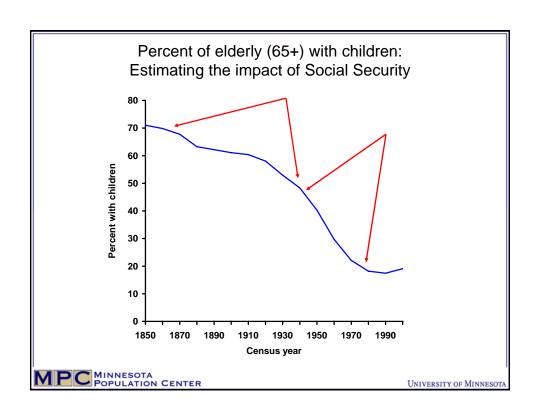


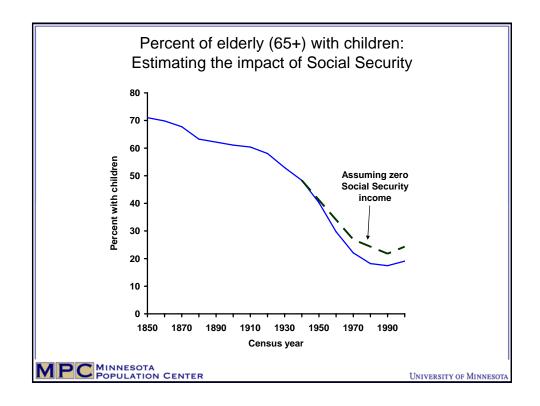










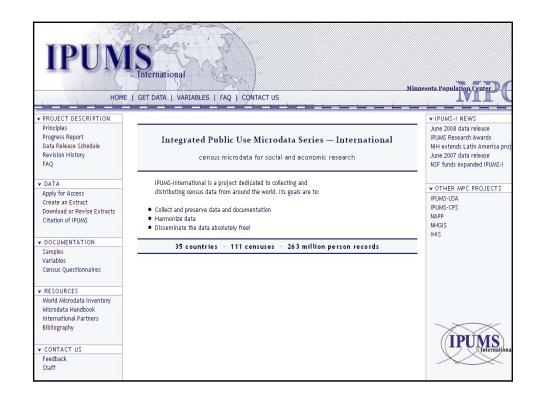


Thomas H. Eliot: Council for the committee that drafted the Social Security Bill, 1933

"In the old days, the old-age assistance problem was not so great so long as most people lived on farms, had big families, and at least some of the children stayed on the farm."









census microdata for social and economic research

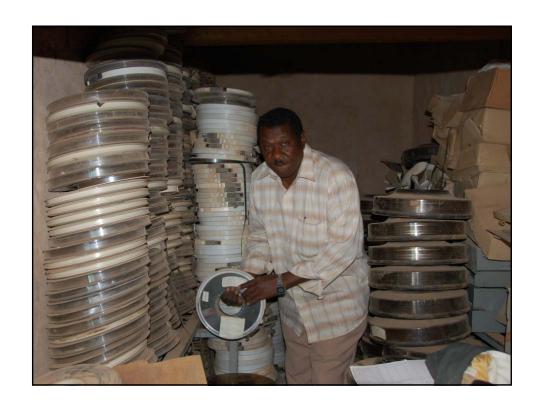
IPUMS-International is a project dedicated to collecting and distributing census data from around the world. Its goals are to:

- Collect and preserve data and documentation
- Harmonize data
- Disseminate the data absolutely free!

35 countries · 111 censuses · 263 million person record

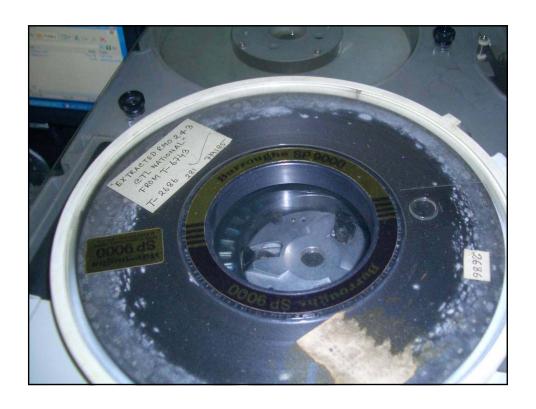








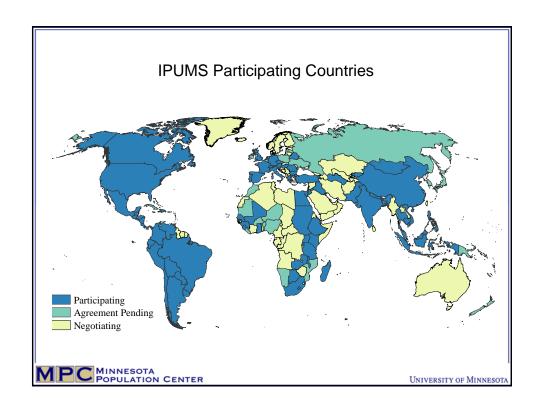












North Atlantic Population Project

The Project

Project Proposal Progress Report Rolease Dates Publications

Data

Data Options
Apply for Access
Create an Extract
Download Extracts
Analyze Data Online
Citation and Use

Documentation

What is NAPP? User's Guide Yariables Revision History

Contact Us

Feedback Addrasses NAPP Participants

Search NAPP

Welcome to the North Atlantic Population Project



County boundary files for United States 1880 census: We are pleased to announce the availability of occunty boundary files for the United States 1883 census. In conjunction with the complete population data users can now create their own variables to map at the county level. See the geography section of the User's Guide for details.



Major funding provided by the Nationa Institute of Child Health and Human Development and the <u>National Science Foundation</u>





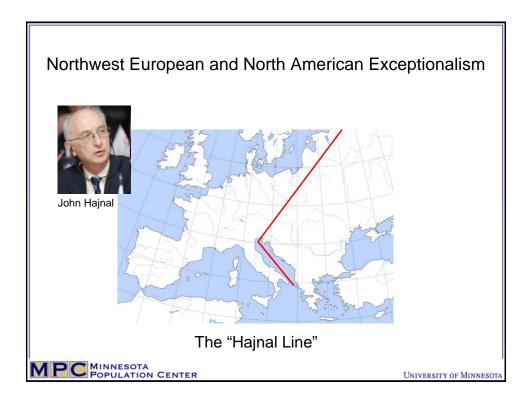
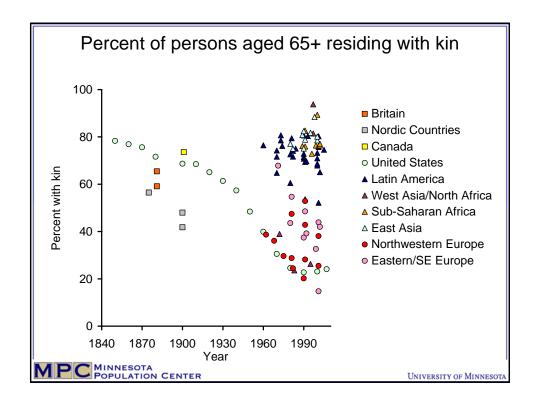
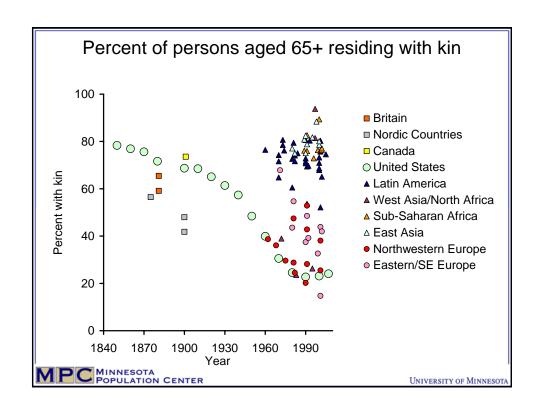


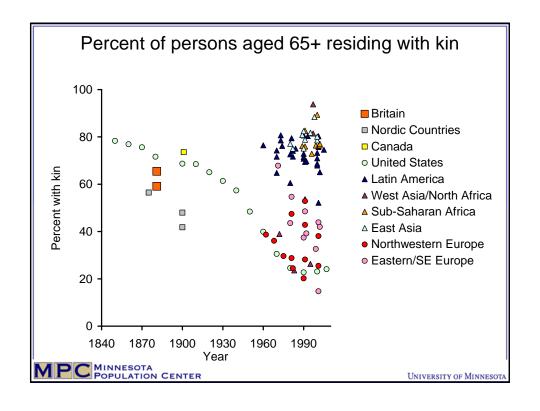
Table 1. Measures of living arrangements of individuals and couples aged 65 or older

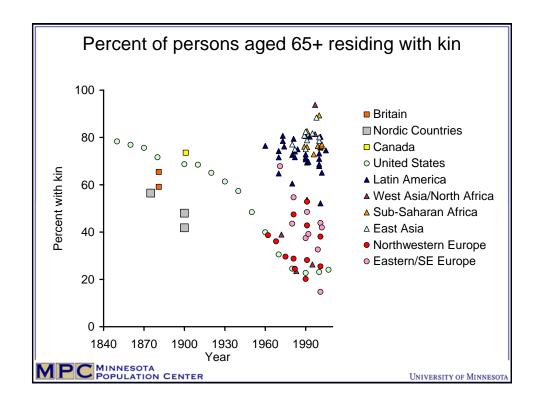
		Percent residing with:	
	Any kin	Descendants	Three generations
Nineteenth century	•		
Britain	62.3	50.2	23.5
Nordic Countries	48.7	46.4	14.5
North America	73.3	66.4	32.3
Twentieth and twenty-first centuries			
Latin America	71.8	59.1	33.9
Middle East	52.8	47.3	26.2
Sub-Saharan Africa	78.1	66.9	46.5
East Asia	79.8	69.6	45.9
Northwestern Europe	34.4	27.1	11.2
Eastern/Southeastern Europe	42.4	38.7	19.1
United States	39.7	32.1	12.5
Overall mean	60.6	51.6	28.2
Standard Deviation	20.2	17.6	14.0
Number of census samples	98	88	88

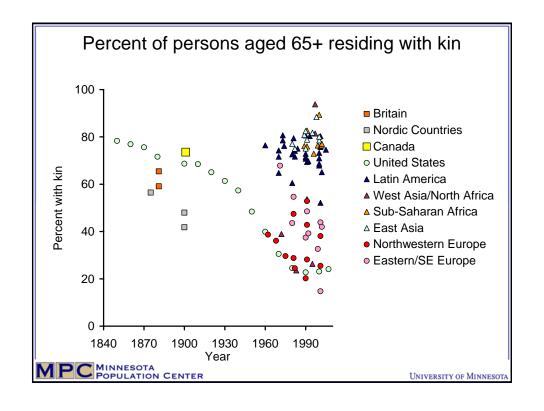


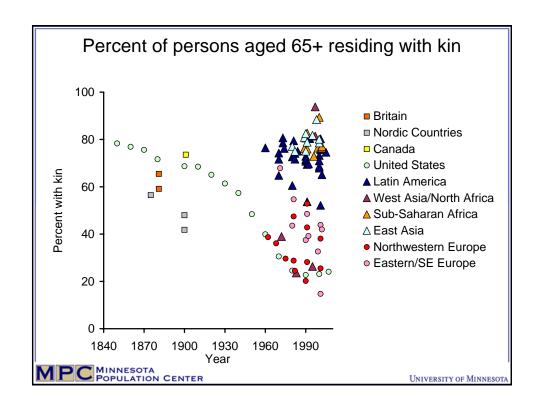


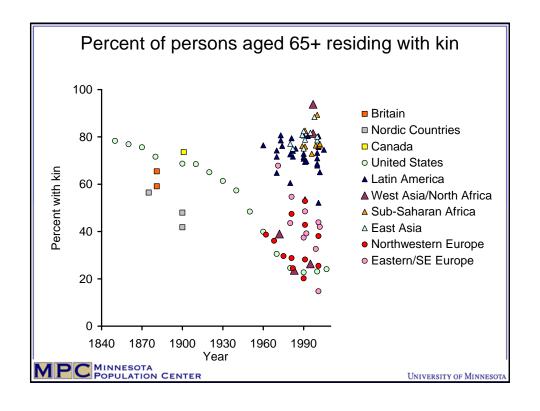


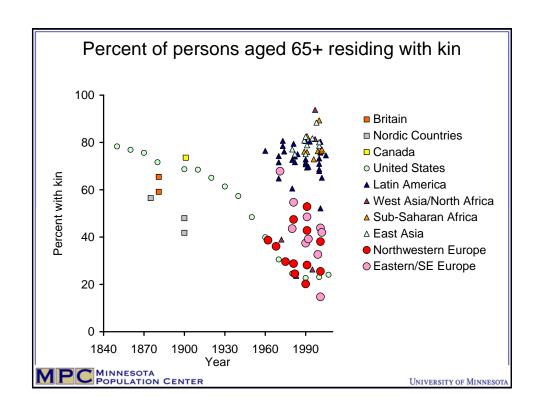


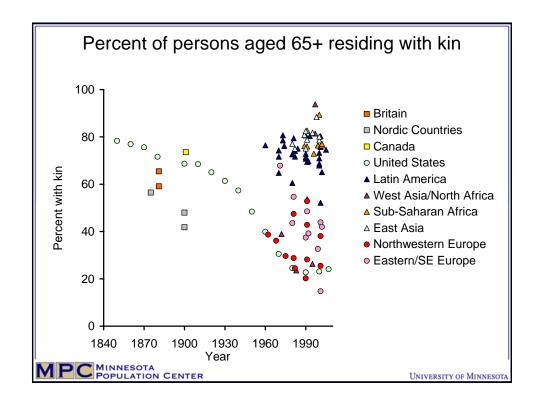


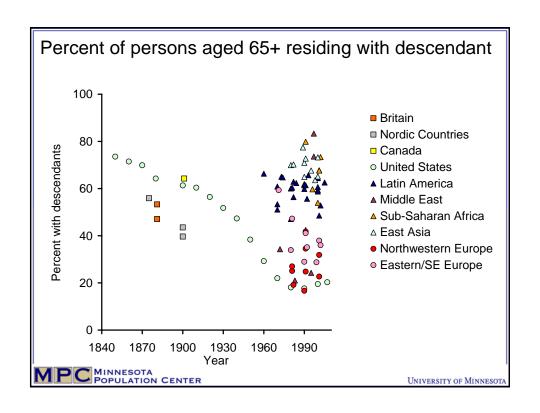


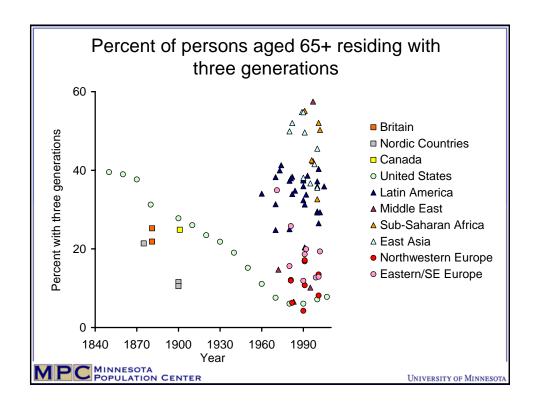










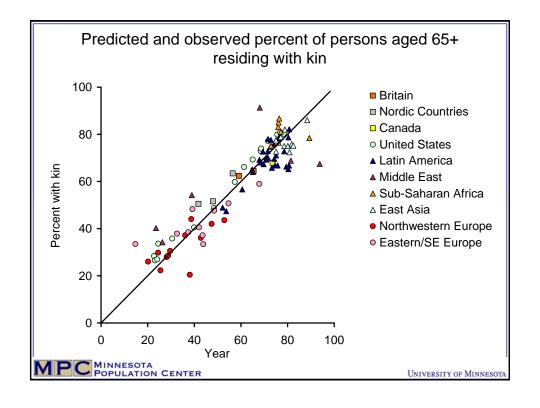


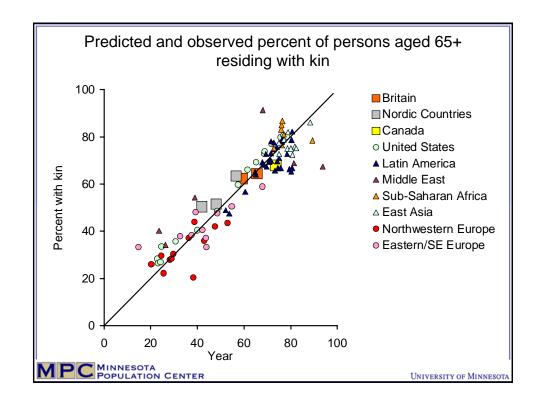
Name	Description	Mean	Std. Dev
Agricultural employment	Log of percent of men aged 18-64 employed in agriculture	2.8	0.9
Percent elderly	Percent of population aged 65 or older	7.3	4.2
Marital fertility	Age-standardized marital fertility ratio	64.8	21.7
Female marriage age	Singulate mean age at marriage for women	23.2	
Male marriage age	Singulate mean age at marriage for men	26.3	
Unmarried elderly wome		44.7	
Elderly couples	Percent of 65+ who are residing with spouse	38.4	
De jure census	De jure census enumeration rule	0.6	0.5

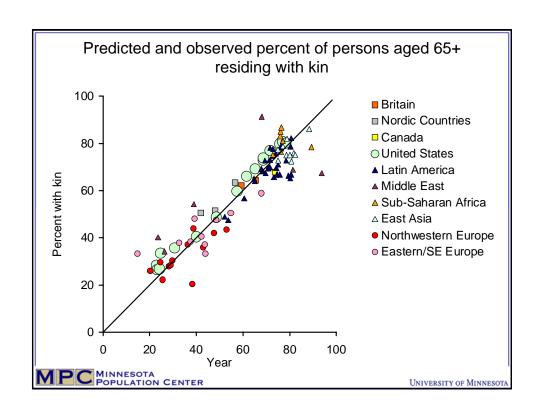
Table 3. OLS regressions of agricultural employment and demographic characteristics on living arrangements of the aged

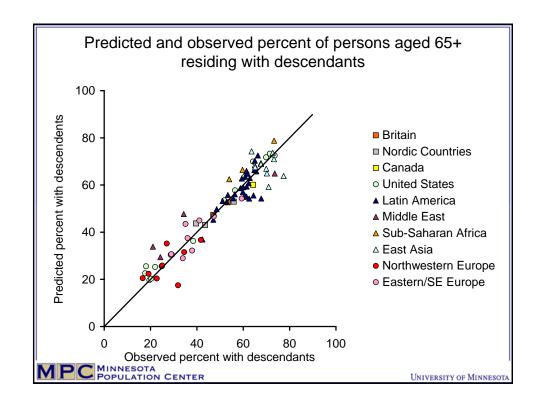
	With kir	1	With descer	ndants	Three generation		
	B St	d. Error	B S	td. Error	B S	td. Error	
Agricultural employment	7.7	1.4 ***	8.04	1.10 ***	6.44	1.13 ***	
Percent elderly	-4.1	0.3 ***	-3.83	0.28 ***	-3.21	0.29 ***	
Marital fertility	-0.2	0.1 **	-0.15	0.05 **	-0.18	0.05 ***	
Female marriage age	-1.7	1.0	-2.70	0.78 **	-1.99	0.80 *	
Male marriage age	2.6	1.0 *	4.35	0.82 ***	2.76	0.84 **	
Unmarried elderly women	0.6	0.3 *	1.16	0.21 ***	1.60	0.22 ***	
Elderly couples	0.4	0.2	0.95	0.18 ***	0.88	0.18 ***	
De jure census	-6.3	1.7 ***	-3.39	1.40 ***	-4.15	1.43 **	
Constant	12.7	23.2	-71.61	18.26	-83.55	18.72 ***	
Adjusted R Square	0.85		0.89		0.81		
N .	97		88		88		

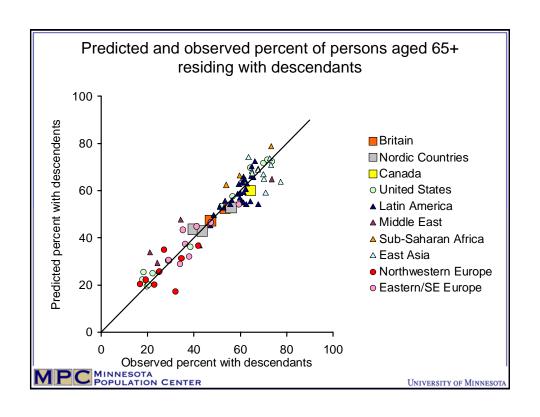


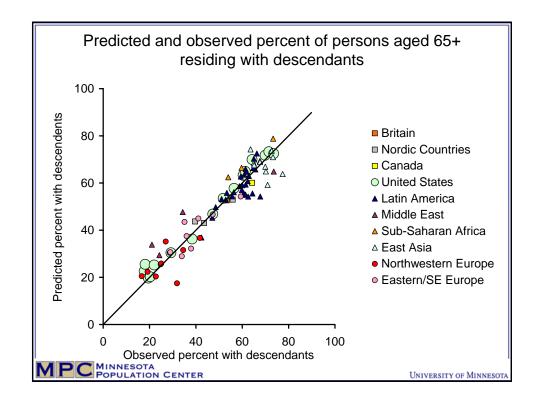


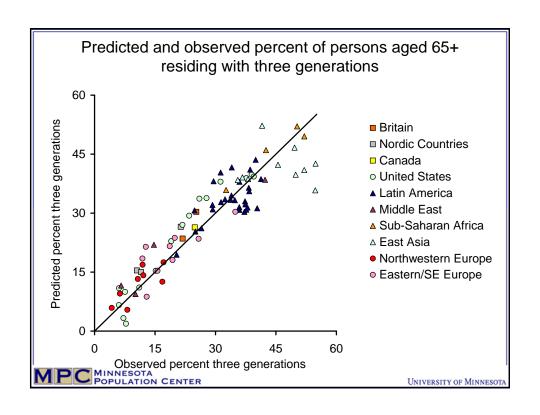


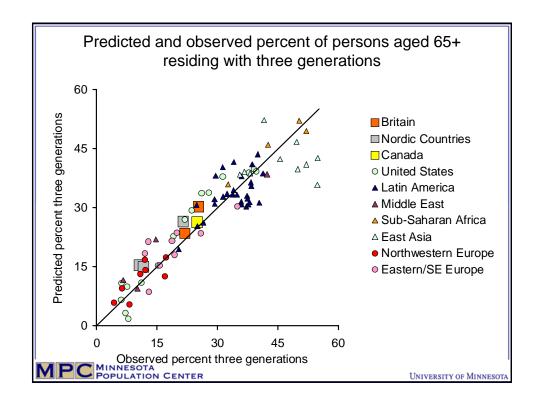


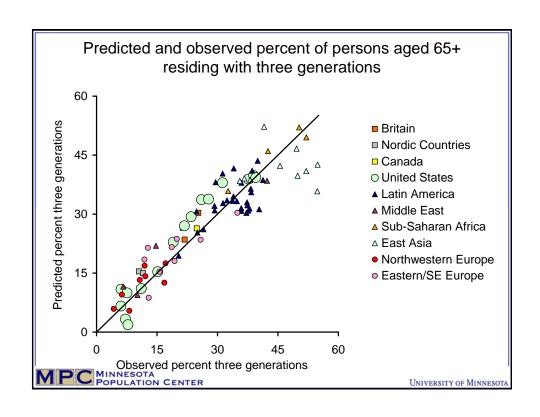


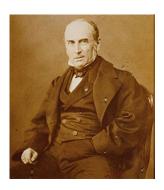












Frédéric Le Play (1806-1882)







