In Search of Accurate Measures of Income Inequality

across Japanese Households[†]

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Table and Figures

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	National Surve	y of Family Income and	d Expenditures
	1989	1999	2009
Number of households	56,017	55,919	51,033
Age of household head (mean)	47.9	51.0	55.2
	(13.0)	(14.1)	(14.6)
Number of family members (mean)	3.6	3.2	3.0
-	(1.5)	(1.4)	(1.3)
Household pre-tax income (mean)	685.0	706.2	623.7
-	(463.0)	(465.6)	(436.2)
Household disposable income (mean)	567.6	579.1	499.0
•	(327.5)	(347.3)	(319.0)
Equivalized pre-tax income (mean)	340.2	413.6	365.8
	(223.1)	(255.8)	(245.8)
Equivalised disposable income (mean)	281.7	339.4	292.7
• • • • • • •	(154.0)	(188.9)	(176.7)

Table 1: Summary statistics: NSFIE raw data

Notes: Figures in parentheses are standard deviations.

Equivalized income here is defined as income divided by the square root of the number of family members.

	(Y)	Population Cer	SHSU		(B) National	Survey of Fami	ly Income and	Expenditures	
					(B-1) Raw dat	в	B	2) Adjusted d	ata
	1990	2000	2010	1989	1999	2009	1989	1999	2009
Number of households	39,283,207	45,046,024	48,886,982	56,017	55,919	51,033			
Average number of family members	3.0	2.7	2.5	3.6	3.2	3.0	3.3	2.7	2.5
	(1.6)	(1.5)	(1.4)	(1.5)	(1.4)	(1.3)	(1.7)	(1.5)	(1.4)
Mean of age of household head	49.1	52.0	55.1	47.9	51.0	55.2	47.5	50.7	54.8
	(15.1)	(16.3)	, (17.1)	(13.0)	(14.1)	(14.6)	(14.0)	(15.4)	(15.9)
Share of self-employed households	15.6%	12.2%	8.7%	17.8%	14.0%	12.6%	16.1%	12.5%	10.9%
Share of jobless households	12.1%	20.2%	28.5%	7.9%	14.0%	21.0%	10.4%	18.1%	25.9%
Share of elderly households (age > 60)	23.9%	32.1%	41.4%	18.6%	27.4%	39.1%	19.9%	29.7%	40.4%
Share of single households	20.9%	25.5%	29.2%	6.7%	8.2%	7.5%	18.5%	26.2%	29.3%
Share of home-owner households	61.0%	61.7%	63.9%	74.4%	75.0%	80.5%	67.7%	66.2%	71.1%
Share of nuclear family households among two-or-more-person households	49.6%	50.5%	53.3%	71.4%	77.7%	81.0%	73.8%	79.3%	82.6%
Share of dual-income households among nuclear family households	41.6%	41.8%	45.9%	52.1%	53.4%	57.3%	50.2%	52.1%	55.2%

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3. Nuclear family households in the denominator here are limited to households with household heads aged 60 years or younger.

			Dantan		Home owner			
	NSFIE 2009)	40	A1 CO	(1	10 F	10me-owne	T (1
		Designated cities	-40	41-00	01-	-40	41-00	01-
		Tolyto 22 words	0.0160			0.0652		0.1989
		Other sities in Area 1			0.1170			
	N	Other cities in Area 1			0.11/9			0 4947
	No worker	Other cities in Area 2						0.4847
		Other cities in Area 3						
		Other cities in Area 4						
Single male		Other cities in Area 5						
0		Designated cities	0.0550	0.0685		0.1116	0.2646	0.1794
		Tokyo 23 wards					0.1433	
		Other cities in Area 1	0.2238	0.1133	0.1389		0.3172	
	One worker	Other cities in Area 2	0.0997	0.1446		0.1763	0.3584	0.3683
		Other cities in Area 3	0.1459	0.0969			0.2313	
		Other cities in Area 4	0.2069 0.1698		0.2525	0.2498	0.2549	0 3033
		Other cities in Area 5	0.3237	0.2374	0.2323	0.3020	0.4466	0.5055
		Designated cities	0.0617		0 1277			0 3546
		Tokyo 23 wards			0.1277			0.3340
		Other cities in Area 1				0.26	530	
	No worker	Other cities in Area 2			0.3296			0.6676
		Other cities in Area 3						
		Other cities in Area 4			0.0547	0.00		0.000
Circula Correla		Other cities in Area 5	-		0.3547	0.64	240	0.6362
Single female		Designated cities	0.0000	0.2054	0.0107	0.1510	0.3646	0.0075
		Tokyo 23 wards	0.0836	0.0886	0.2106	0.1/13	0.1495	0.306/
		Other cities in Area 1	0.3278	0.3215		0.5977	0.7783	
	One worker	Other cities in Area 2	0.2138	0.3739	0.4672	0.1355	0.6748	0.5902
		Other cities in Area 3	0.1830	0.3421		0.4292	0.6060	
		Other cities in Area 4	0.3176	0.4485		0.1931	0.8120	
		Other cities in Area 5	0.3710	0.4938	0.6414	0.3673	0.6187	0.5091

Table 3(a): Inverse of the adjustment factors $(1/w_{j,t} \equiv \hat{s}_{j,t}/s_{j,t})$ by weighting cell (household

group): Single-person households in the raw 2009 NSFIE data

Table 3(b): Inverse of the adjustment factors $(1/w_{j,t} \equiv \hat{s}_{j,t}/s_{j,t})$ by weighting cell (household

				Renter		Hom	e-owner (s	mall)	Hon	ne-owner (l	arge)
	NSFIE 2009		-40	41-60	61-	-40	41-60	61-	-40	41-60	61-
		Designated cities			0.5370			0.7469			1.0114
		Tokyo 23 wards			0.1394	0.19	988	0.4791	0.1	955	0.5082
Two-or-more-		Other cities in Area 1		0.2452	1 1066	0.4	114	1 5980	0.8	804	2 4784
narson with no		Other cities in Area 2	0.1503	0.2230	0.7983	0.3	870	1.2768	1.0	843	2.1783
person with no		Other cities in Area 3	0.1505	0.2235	1 1656	0.4	007	1.1137	0.7	450	1 0120
worker		Other cities in Area 4	0.2112	0.2314	1.1050	0.4	252	1.1157	0.7	439	1.9120
		Other cities in Area 4	0.3113	0.4669	1.0660	0.4	303	1.4725	0.8	9/9	2.4660
		Other cities in Area 5	0.2491	0.4032	0.9934	0.4	/94	1.5959	1.0	391	2.8640
		Designated cities	0.6151	0.6871	0.4795	0.4268	0.9658	0.6975		1.1279	0.9175
		Tokyo 23 wards	0.3226	0.3091	0.2725	0.2520	0.3628	0.4036		0.7247	0.4669
		Other cities in Area 1	0.8995	0.9652	1.1162	1.3912	1.5874	1.6099		3.2691	2.3496
	One worker	Other cities in Area 2	0.7628	0.6991	0.5708	1.5715	1.5459	1.4559	1.3605	2.8762	2.3139
		Other cities in Area 3	1.0889	1.2140	1.4580	0.7846	1.2758	1.2303	1	2.1291	1.7553
		Other cities in Area 4	0.7110	1.4467	1.1507		1.7002	1.1808	1	2.8555	2.0876
		Other cities in Area 5	1.1587	1.7369	1.4434	0.9683	1.9259	1.5278		3.9646	2.6343
Couple only		Designated cities	0.3786	0.6856	0.6694		0.5313	0.4709			0.6764
		Tokyo 23 wards	0.1825	0.2145	0 2943	0.2865	0.3983	0.2953	1.1605	0.8207	0.5148
		Other cities in Area 1	0.0020	0.7592	1 1717	0.8945	1.4902	1.6225	2 1880	2 8661	2 8825
	Multiple workers	Other cities in Area 2	0.5525	0.7392	0.6654	1 2617	1.4502	1.0223	1 6667	2.0001	1.7400
	Multiple workers	Other cities in Area 2	0.0092	0.0189	0.0034	1.2017	1.4030	1.4001	1.0007	3.0343	1.7409
		Other cities in Area 5	0.7844	0.6952	0.8804	0.9221	1.5549	1.1005	1.0855	1.8567	1.6288
		Other cities in Area 4	1.2195	1.6887	1.0222	0.9451	1.7600	1.5027	2.2852	2.9862	2.1699
		Other cities in Area 5	1.4578	1.5574	1.0944	1.3163	1.9366	1.4879	2.1085	3.6253	2.7292
		Designated cities	0.7016	0.9	580	0.4727	1.9	922			
		Tokyo 23 wards	0.4549	0.6	399	0.4727	1.3	735			
Single provident		Other cities in Area 1	0.8897	1.5	951		4.13	292			
single parent with	One worker	Other cities in Area 2	0.7993	1.2	901	2.1002	2.1	537	4.8117	7.6138	138
cniid(ren)		Other cities in Area 3	0.9407	1.6	342		2.0	853			
		Other cities in Area 4	1.3326	2.0	000	2.2017	3.9	462			
		Other cities in Area 5	1 7372	2.0	075	3.1079	A 6	(55			
		Decignated cities	0.0526	1.5	204	0.7421	1.6	240		2.0	244
		Telmo 22 mordo	0.9520	0.5	204	0.7421	0.7	047 (02	0.7944	1.7944 1.4537	
		Tokyo 25 wards	0.5560	0.5	190	0.5800	0.7	392	0.5007	1.4.	737 140
		Other cities in Area 1	1.6862	2.1	/21	1.8351	5.4	110	2.5297	5.1	548
	One worker	Other cities in Area 2	1.0185	1.3	428	1.6661	3.4	895	2.3521	4.7558	
		Other cities in Area 3	1.4580	1.9	105	1.9113	3.5	655	1.7726	4.14	147
		Other cities in Area 4	1.6922	2.3	265	1.7477	3.4695		2.1379	4.9084	
Parents with		Other cities in Area 5	1.9634	2.6	081	1.9458 3.3204		3.3315 5.7415		415	
child(ren)		Designated cities	0.7588 2.4051 0.5107 0.9706		051	0.9297	2.43	292	1.1262	3.79	941
	Multiple workers	Tokyo 23 wards			706	0.4116 1.426		266	0.6408	3.2091	
		Other cities in Area 1	1.6632 3.9664		1 6403	5.5	300	2.6249 10		872	
		other entros mirited i	1.4032 2.1662		1 8607	5.1	328	2.02.12			
	I Admitible workers	Other cities in Area 2		1.4652 2.1662		1.0037			2 2987	7.6	522
	Multiple workers	Other cities in Area 2	1.4052	2.5	623	1 7045	4.7	202	2.2987	7.6	522
	Multiple workers	Other cities in Area 2 Other cities in Area 3	1.4032	3.5	623	1.7045	4.7	382	2.2987 1.7088	7.6	522 121
	Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4	1.4032 1.2855 1.9773	3.5	623 253	1.7045	4.7.	382 265	2.2987 1.7088 1.6349	7.65 7.1 6.80	522 121 032
	Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5	1.4032 1.2855 1.9773 2.3719	3.50 3.51 3.7	623 253 738	1.7045 2.0801 2.2888	4.7. 5.5. 6.2-	382 265 463	2.2987 1.7088 1.6349 2.8376	7.65 7.1 6.80 9.43	522 121 032 862
	Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities	1.4032 1.2855 1.9773 2.3719	3.5 3.5 3.7	623 253 738	1.7045 2.0801 2.2888 0.2076	4.7: 5.5: 6.2 0.1594	382 265 163	2.2987 1.7088 1.6349 2.8376 0.3790	7.65 7.1 6.80 9.43 0.8113	522 121 032 862 0.1225
	Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards	1.4032 1.2855 1.9773 2.3719	3.5 (3.5) 3.7	623 253 738	1.7045 2.0801 2.2888 0.2076	4.7: 5.5: 6.2- 0.1594	382 265 463	2.2987 1.7088 1.6349 2.8376 0.3790	7.65 7.1 6.80 9.43 0.8113	522 121 032 862 0.1225
	Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1	1.4032 1.2855 1.9773 2.3719	3.50 3.51 3.77 0.2426	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432	4.7 5.5 6.2 0.1594 1.2245	0.2588	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248	7.63 7.1 6.80 9.43 0.8113 2.3554	522 121 032 862 0.1225 0.3688
	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2	1.4032 1.2855 1.9773 2.3719	3.5 3.5 3.7 0.2426	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688	4.7: 5.5: 6.2- 0.1594 1.2245 1.0801	0.2588	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198	522 121 032 862 0.1225 0.3688 0.3806
	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3	1.4032 1.2855 1.9773 2.3719	3.50 3.51 3.77 0.2426	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561	4.7. 5.5: 6.2. 0.1594 1.2245 1.0801 0.8793	0.2588	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980	7.6; 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366	22 21 32 862 0.1225 0.3688 0.3806 0.5526
	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 4	1.4032 1.2855 1.9773 2.3719	3.5 3.5 3.7 0.2426	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133	4.7. 5.5: 6.2- 0.1594 1.2245 1.0801 0.8793 1.4767	0.2264	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830	7.6; 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874	22 21 32 862 0.1225 0.3688 0.3806 0.5526 0.3937
	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4	1.4032 1.2855 1.9773 2.3719	3.5 3.5 3.7 0.2426 0.3452	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683	4.7. 5.5: 6.2- 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600	0.2588 0.2264 0.1880	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085	7.6; 7.1 6.8(9.4) 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438	522 21 32 562 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939
Three generations	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities	1.4052 1.2855 1.9773 2.3719	3.50 3.51 3.7 0.2426 0.3452 0.3612	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683	4.7: 5.5: 6.2: 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205	0.2588 0.2264 0.1880	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595	7.6; 7.1 6.8(9.4) 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383	522 121 132 562 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916
Three generations	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards	1.4052 1.2855 1.9773 2.3719	3.50 3.51 3.7 0.2426 0.3452 0.3612 0.3883	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965	4.7: 5.5: 6.2: 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401	0.2588 0.265 0.2588 0.2264 0.1880	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133	522 121 032 662 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.1951
Three generations	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1	1.4032 1.2855 1.9773 2.3719	0.2426 0.3452 0.3612 0.3883 0.7721	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965	4.7 5.5 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827	0.2588 0.2264 0.1880 0.1282 0.6795	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4855 2.4359	7.6; 7.1 6.8(9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4756	522 121 032 662 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.1951 0.8807
Three generations	One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 1	1.4032 1.2855 1.9773 2.3719	3.5: 3.5: 3.7: 0.2426 0.3452 0.3612 0.3883 0.7721 0.7072	523 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1215	4.7: 5.5: 6.2: 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827	202 202 202 202 202 202 202 202	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.3208	7.6; 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.9015	\$22 121 332 \$62 0.1225 0.3668 0.3806 0.5526 0.3937 0.5939 0.2916 0.8651 0.862
Three generations	One worker Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2	1.4052 1.2855 1.9773 2.3719	3.5: 3.5: 3.7 0.2426 0.3452 0.3612 0.3883 0.7721 0.7977 0.9574	523 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.2624	4.7: 5.5: 6.2: 0.1594 1.2245 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7202	0.2588 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.5216	7.6; 7.1 6.8(9.4) 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215	322 121 132 362 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.1951 0.8807 0.4963 0.5024
Three generations	One worker Multiple worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 1 Other cities in Area 2	1.4052 1.2855 1.9773 2.3719	3.5: 3.5: 3.7: 0.2426 0.3452 0.3452 0.3612 0.3883 0.7721 0.7977 0.8554 0.9554	523 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265	4.7: 5.5: 6.2: 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321	0.2588 0.2588 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814	7.6; 7.1 6.8(9.4; 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 2.4776 2.0215 1.8633	522 121 132 562 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.1951 0.1951 0.8807 0.4963 0.5876
Three generations	One worker Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3	1.2852	3.5: 3.5: 3.7 0.2426 0.3452 0.3612 0.3883 0.7721 0.7977 0.8554 0.9348	523 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897	4.7; 5.5; 6.2; 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979	0.2588 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.4289 2.7298 1.7814 3.4487	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259	322 121 132 362 0.1225 0.3688 0.3806 0.3526 0.3937 0.5939 0.2916 0.4963 0.4863 0.5876 0.6653
Three generations	One worker Multiple worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 4	1.4852 1.2855 1.9773 2.3719	3.5) 3.5) 3.7 0.2426 0.3452 0.3612 0.3883 0.7721 0.3883 0.7721 0.8554 0.8554 0.9348 0.9348	623 253 738	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4205 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047	882 265 463 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.2636	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 2.7298 1.7814 3.4487 2.5213	7.6: 7.1 6.81 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619	322 121 132 362 0.1225 0.3688 0.3806 0.5526 0.3937 0.2916 0.1951 0.5886 0.5876 0.5537 0.5876 0.6553 0.7057
Three generations	One worker Multiple worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities	1.4852 1.2852 1.9773 2.3719	3.5: 3.5: 3.7 0.2426 0.3452 0.3612 0.3883 0.7721 0.8554 0.9348 0.9348 0.8880 0.8880	0.0200	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3544 1.1315	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047	82 265 163 0.2588 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.085 1.6830 2.085 1.6595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.514	7.6; 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8653 2.1259 2.6619	322 21 332 362 0.1225 0.3806 0.3806 0.3937 0.5526 0.3937 0.5939 0.2916 0.4963 0.5876 0.60537 0.7057 0.1656
Three generations	One worker Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5	0.0	3.5; 3.5; 3.7; 0.2426 0.3452 0.3612 0.3612 0.7721 0.7727 0.8554 0.7977 0.8554 0.9348 0.8880 770	0.0396	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1	4.7. 5.5. 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047	882 265 463 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1	7.6: 7.1 6.8(9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587	322 21 332 342 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.4963 0.4867 0.4863 0.7876 0.6653 0.7057 0.1253
Three generations	Multiple worker One worker Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Designated cities Tokyo 23 wards Other cities in Area 3 Other cities in Area 3 Designated cities Tokyo 23 wards	1.4852 1.2855 1.9773 2.3719 0.00 0.0	3.5; 3.5; 3.7 0.2426 0.3452 0.3612 0.3883 0.7721 0.8554 0.8554 0.8554 0.8880 770	623 253 738 0.0396 0.1496	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1-	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 1424	82 265 463 0.2588 0.2264 0.1282 0.61282 0.61282 0.6077 0.4624 0.1046 0.2146	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6	7.6: 7.1 6.81 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587	322 21 332 362 0.1225 0.3688 0.3806 0.3526 0.3937 0.5939 0.2916 0.1851 0.5887 0.5876 0.6653 0.7057 0.1255 0.3965
Three generations	One worker Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 1 Other cities in Area 1	0.0 0.2	3.5: 3.5: 3.7: 0.2426 0.3452 0.3612 0.3883 0.7721 0.3853 0.7777 0.8554 0.9348 0.93	0.0396 0.1496	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3597 2.1462 0.1 0.22	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 424 644	82 265 463 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1889	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.0855 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.8	7.6: 7.1 6.81 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587 177 264	322 121 132 132 862 0.1225 0.3688 0.3806 0.5526 0.3937 0.2916 0.1951 0.8807 0.4963 0.5876 0.6653 0.7057 0.1656 0.3965 0.4571
Three generations	One worker Multiple workers One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 5 Designated cities Tokyo 23 wards	1.4852 1.2855 1.9773 2.3719 0.00 0.00 0.22 0.22 0.22	3.5: 3.5: 3.7: 0.2426 0.3452 0.3612 0.3883 0.7721 0.7977 0.8554 0.9348 0.8880 770 409 850 654	0.0396 0.1496 0.1111 0.1750	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1- 0.22 0.22	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 124 544	82 265 463 0.2588 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046 0.1845 0.1859 0.1368	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.6 0.8	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 5587 177 264	322 [2] (32) 362 0.1225 0.3806 0.3806 0.3937 0.5526 0.3937 0.55939 0.2916 0.8807 0.4963 0.5876 0.06556 0.1253 0.3965 0.42571 0.3303
Three generations	One worker Multiple workers One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 1 Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3	1.4852 1.2855 1.9773 2.3719 0.00 0.02 0.22 0.22 0.33	3,5; 3,5; 3,7; 0,2426 0,3452 0,3612 0,3883 0,7721 0,8554 0,9348 0,8880 770 409 850 654	0,0396 0,1111 0,178	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1 0.2 0.2 0.2 0.2	4.7. 5.5. 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1633 0.7321 1.3979 1.4047 1.4047 1.4047 1.4047	882 265 463 0.2588 0.2264 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1859 0.1368 0.1368	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587 177 264 177 264	322 21 332 342 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.4963 0.4863 0.7876 0.1655 0.1253 0.3965 0.4571 0.3993
Three generations	One worker Multiple workers One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 3	1.4852 1.2855 1.9773 2.3719 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.55 3.57 3.77 0.2426 0.3452 0.3612 0.3883 0.7721 0.7977 0.8554 0.9348 0.8580 770 409 850 654 886 542	0.0396 0.1496 0.1111 0.1780 0.2714	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1- 0.22 0.22 0.22	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 1424 544 524 571	882 265 463 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1368 0.1753 0.3459	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.8 0.6 0.9 1.0 0.6 0.9 1.0 0.6 0.1 0.1 0.6 0.1 0.1 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587 177 264 598 132 670	322 21 332 362 0.1225 0.3688 0.3806 0.3806 0.3937 0.5939 0.2916 0.1951 0.4963 0.5876 0.6653 0.7057 0.1255 0.3965 0.3955 0.4951 0.3955 0.4571 0.3933 0.4028
Three generations	One worker Multiple workers One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 3 Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3	1,4852 1,2855 1,9773 2,3719 2,3719 0,00 0,00 0,02 0,02 0,03 0,04 0,04 0,04	3.5: 3.5: 3.7: 0.2426 0.3452 0.3612 0.3883 0.7721 0.7771 0.8554 0.9348 0.9348 0.8880 770 409 850 654 886 542	0.0396 0.1496 0.1111 0.1780 0.2718 0.3704	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3597 2.1462 0.1 0.22 0.22 0.22 0.22 0.33 0.44	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 1.404	82 265 163 0.2588 0.2588 0.2264 0.1880 0.1282 0.6795 0.4624 0.0077 0.4624 0.1046 0.2146 0.1859 0.1368 0.1753 0.3458	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.4862 2.5213 0.4862 0.4862 2.5213 0.4862 0.5980 0.4862 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.4862 0.5980 0.18 0.6 0.6 0.99 0.10 0.999 0.10 0.999 0.10 0.999 0.10 0.999 0.10 0.10 0.999 0.10 0.10 0.999 0.099 0.099 0.099 0.099 0.099 0.099 0.099 0.099 0.009	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8653 2.1259 2.6619 587 177 2.664 598 132 670	322 21 332 362 0.1225 0.3806 0.3806 0.3937 0.5526 0.3937 0.5939 0.2916 0.4963 0.5876 0.6653 0.7057 0.1253 0.3939 0.4571 0.3593 0.44571 0.3393 0.4028 0.6489
Three generations	One worker Multiple workers One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities	1,492 1,2855 1,9773 2,3719 0,00 0,00 0,02 0,03 0,04 0,1056	3.5; 3.5; 3.7; 0.2426 0.3452 0.3612 0.3612 0.7971 0.7971 0.7977 0.8554 0.9348 0.8880 770 409 850 654 886 542 0.0710	0.0396 0.1496 0.1111 0.1718 0.2718 0.3704 0.0719	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1 0.2 0.2 0.2 0.2 0.3 3 0.4 2 0.422	4.7. 5.5. 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 424 571 1076 274 0.618	82 265 463 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1859 0.1368 0.1753 0.3458 0.0906	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.6 0.8 0.6 0.9 1.00 0.4815	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 5887 177 2264 6998 132 670 0.0991	322 [2] [3] 342 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.4963 0.5876 0.6653 0.7057 0.1556 0.1253 0.3965 0.4571 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028
Three generations	One worker Multiple workers One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 1 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards	1.432 1.2855 1.9773 2.3719 0.00 0.02 0.22 0.23 0.33 0.44 0.1056	3,55 3,57 3,77 0,2426 0,3452 0,3612 0,3883 0,7721 0,8554 0,8554 0,8554 0,9348 0,8880 770 409 850 654 886 5542 0,0710	0.0396 0.1496 0.1111 0.1780 0.2718 0.3704 0.0719	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 1424 544 924 571 076 274 0.0618	82 265 463 0.2588 0.2264 0.2588 0.1282 0.695 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1859 0.1368 0.1368 0.1368 0.3458 0.996	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.8 0.6 0.9 0.10 0.4815 0.4815	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587 177 264 132 670 0.0991	322 21 332 342 0.1225 0.3688 0.3806 0.3526 0.3937 0.5939 0.2916 0.1951 0.4963 0.4963 0.4863 0.4863 0.1253 0.3965 0.4571 0.3393 0.4028 0.6489 0.881
Three generations	One worker Multiple workers One worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 3	1.4852 1.2855 1.9773 2.3719 0.0 0.0 0.2 0.2 0.3 0.4 0.1056 0.4012	3.5: 3.5: 3.7: 0.2426 0.3452 0.3612 0.3883 0.7721 0.3883 0.7721 0.9348 0.93	0.0396 0.1496 0.1496 0.1111 0.780 0.2718 0.3704 0.0719 0.3141	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1 0.22 0.22 0.22 0.22 0.33 0.442 0.4022 0.1703 0.6443	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 424 544 571 776 274 0.0618 0.1787	82 265 463 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1859 0.1368 0.1753 0.3458 0.0906 0.1886	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.2085 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.8 0.6 0.9 1.00 0.4815 1.6681	7.6; 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587 177 2.6619 587 177 2.64 698 132 670 0.0991 0.5781	322 21 332 362 0.1225 0.3688 0.3806 0.3806 0.3937 0.5939 0.2916 0.1951 0.4963 0.5876 0.6653 0.7057 0.1566 0.3965 0.4571 0.3393 0.4028 0.6489 0.0831 0.4351
Three generations Other	One worker One worker One worker Multiple worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 3 Other cities in Area 1 Other cities in Area 1 Other cities in Area 1 Other cities in Area 1	1,4852 1,2855 1,9773 2,3719 2,	3.5: 3.5: 3.7: 0.2426 0.3452 0.3612 0.3883 0.7721 0.8554 0.9348 0.8880 770 409 850 654 886 542 0.0710 0.3081 0.2953	0.0396 0.1496 0.1496 0.1496 0.2718 0.2718 0.3704 0.0719 0.3141 0.1955	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1 0.22 0.22 0.22 0.22 0.22 0.33 0.43 0.4022 0.43 0.4022	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 1.4057 1.405	882 265 163 0.2588 0.2588 0.2588 0.2588 0.2264 0.1880 0.1282 0.6795 0.4624 0.1046 0.2146 0.1859 0.1368 0.1753 0.3458 0.0906 0.1886 0.1900	2.2987 1.7088 1.6349 2.83760 2.83760 2.8248 1.3098 0.5980 1.6830 2.2085 1.6830 2.2085 1.6830 2.2085 1.6830 2.4289 2.7298 1.7814 3.4487 2.5213 0.66 0.66 0.8 0.66 0.9 1.00 0.4815 1.6681 2.3363	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.1259 2.6619 587 177 264 698 132 670 0.0991 0.5781 0.6007	322 21 332 362 0.1225 0.3886 0.3806 0.3937 0.5526 0.3937 0.55939 0.2916 0.4963 0.5807 0.4963 0.5876 0.1656 0.1253 0.3935 0.4565 0.3393 0.4028 0.6489 0.0831 0.4351
Three generations Other	One worker One worker One worker Multiple worker	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 3 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 1 Other cities in Area 3	1,492 1,2855 1,9773 2,3719 2,3719 0,00 0,22 0,22 0,33 0,44 0,44 0,445 0,4012 0,1056 0,4012 0,1313 0,4184	3,5; 3,5; 3,7; 0,2426 0,3452 0,3452 0,3612 0,3883 0,7771 0,8554 0,9348 0,8880 770 409 850 654 886 542 0,0710 0,3081 0,2953 0,2653	0.0396 0.1496 0.1111 0.1780 0.3704 0.3704 0.3704 0.1955 0.2403	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 1.2683 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1 0.2 0.2 0.2 0.2 0.3 3 0.442 0.4022 0.1703 0.6443 0.9084 0.4423	4.7. 5.5. 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 1.404	882 265 463 0.2588 0.2264 0.1880 0.1282 0.6795 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1859 0.1368 0.1753 0.3458 0.0906 0.1886 0.1900 0.1726	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 0.5980 1.6830 2.2055 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.5 0.6 0.9 0.1 0.6 0.9 0.4815 1.6681 2.3365 1.8144	7.6: 7.1 6.8(9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.0215 1.8633 2.1259 2.6619 5887 177 264 998 132 670 0.5781 0.6007 0.5781	322 21 332 342 0.1225 0.3688 0.3806 0.5526 0.3937 0.5939 0.2916 0.4963 0.4867 0.4863 0.4863 0.4863 0.4863 0.46653 0.1253 0.3965 0.4571 0.39393 0.4028 0.46439 0.0831 0.4351
Three generations Other	One worker One worker One worker One worker Multiple workers	Other cities in Area 2 Other cities in Area 3 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 2 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 4 Other cities in Area 5 Designated cities Tokyo 23 wards Other cities in Area 1 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 3 Other cities in Area 3 Other cities in Area 3 Other cities in Area 4 Other cities in Area 1 Other cities in Area 1 Other cities in Area 1 Other cities in Area 1 Other cities in Area 3 Other cities in Area 3	1.4852 1.2855 1.9773 2.3719 0.00 0.2 0.23 0.412 0.1056 0.4012 0.1313 0.4184 0.2318	3,5; 3,5; 3,7; 0,2426 0,3452 0,3612 0,3883 0,7721 0,8554 0,9348 0,8880 770 409 850 654 886 542 0,0710 0,3081 0,2953 0,2653 0,2655	0.0396 0.1496 0.1111 0.1780 0.2718 0.3704 0.0719 0.3141 0.92403 0.3166	1.7045 2.0801 2.2888 0.2076 1.3432 1.0688 0.6561 1.2133 0.5965 1.3544 1.1315 1.0265 1.3897 2.1462 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.4 2 0.4022 0.1703 0.6443 0.9084 0.4022 0.1703	4.7. 5.5: 6.2 0.1594 1.2245 1.0801 0.8793 1.4767 0.7600 0.4205 0.4401 1.1827 1.1633 0.7321 1.3979 1.4047 424 544 924 571 0.766 274 0.0618 0.1787 0.2363 0.1383 0.1387	882 265 463 0.2588 0.2588 0.1282 0.6075 0.4159 0.2636 0.6077 0.4624 0.1046 0.2146 0.1368 0.1753 0.3458 0.9006 0.1886 0.17026 0.2494	2.2987 1.7088 1.6349 2.8376 0.3790 2.8248 1.3098 0.5980 1.6830 2.0855 1.1595 0.4862 2.4289 2.7298 1.7814 3.4487 2.5213 0.1 0.6 0.8 0.6 0.9 1.00 0.4815 1.6681 2.3053 1.8144	7.6: 7.1 6.80 9.41 0.8113 2.3554 2.0198 1.5366 1.4874 2.4438 0.6383 0.3133 2.4776 2.0215 1.8633 2.0215 1.8633 2.1259 2.6619 587 177 264 598 132 670 0.0991 0.5781 0.6007 0.3210 0.3210 0.8835	322 21 332 342 0.1225 0.3688 0.3806 0.3526 0.3937 0.5939 0.2916 0.1951 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4963 0.4951 0.3933 0.4963 0.4951 0.4963 0.4963 0.4963 0.4963 0.4951 0.4963 0.2866 0.6790

group): Two-or-more-person households in the raw 2009 NSFIE data

	NSEIE 2000	а.		Renter		Home-owne		r
	Designated cities		-40	41-60	61-	-40	41-60	61-
		Designated cities						2.0261
		Tokyo 23 wards						2.0501
		Other cities in Area 1		0.7059				
	No worker	Other cities in Area 2	0.12	217		0.3	421	1.7125
		Other cities in Area 3						
		Other cities in Area 4			0.8674			1 1591
Single male		Other cities in Area 5			0.00/4			1.1301
Single male		Designated cities	1 0/01	1 1762		1 9683	2.3911	1 9470
		Tokyo 23 wards	1.0491	1.1702		1.9085	2.7851	1.9470
	One worker	Other cities in Area 1	1.6197	0.5982	0.6715		1.3675	
		Other cities in Area 2	0.7648	0.6674		1.0895	1.5285	1.2502
		Other cities in Area 3	1.0943	0.6025			1.6231	
		Other cities in Area 4	1.0857	0.6670	0.8412	1.3432	1.0936	0.0204
		Other cities in Area 5	1.2521	1.0470	0.0415	1.3761	1.7124	0.9304
		Designated cities	0.1901		0.83/8	0.9529		1 9605
		Tokyo 23 wards			0.0540			1.9005
	No worker	Other cities in Area 1						
		Other cities in Area 2			0.8285			1.3707
		Other cities in Area 3						
		Other cities in Area 4			0.8278	1.4	0/13	1 3574
Single female		Other cities in Area 5			0.0270	1.4945		1.5574
Shigle Telliare		Designated cities	0.81/19	1.2090	0.9763	1 9062	1.5544	1 4807
		Tokyo 23 wards	0.0149	1.2533	0.9705	1.9002	1.3906	1.4007
		Other cities in Area 1	1.4020	0.8184		2.5435	1.7129	
	One worker	Other cities in Area 2	1.1201	0.8234	1.0798	0.0625	1.3302	1.1461
		Other cities in Area 3	1.0820	1.0422		1.6470	1.2945	
		Other cities in Area 4	0.9863	0.9792	1 6004	0.3341	1.3679	1 0247
		Other cities in Area 5	1.3201	1.3201 1.0066		0.5161	1.2056	1.0247

Table 4(a): Disproportionality of the NSFIE sample with provided sampling weights by population group in 2009 (single households)

Table 4(b): Disproportionality of the NSFIE sample with provided sampling weights by

	NISEIE 2000			Renter		Hon	e-owner (s	mall)	Hon	e-owner (la	arge)
	NSFIE 2009		-40	41-60	61-	-40	41-60	61-	-40	41-60	61-
		Designated cities	0.1687	0.1416	1.0178	0.3	395	1.2430	0.3	85	1.7122
Two or more		Tokyo 23 wards Other cities in Area 1		0.2003	0.3734	0.2	063	1.3756	0.6	:27	1.2525
nerson with no		Other cities in Area 2	0.1130	0.2003	0.6365	0.2	878	0.9427	0.6	324	1.6575
worker		Other cities in Area 3		0.2106	0.9739	0.3194		0.8616	0.49	960	1.4248
		Other cities in Area 4	0.1880	0.2569	0.5721	0.2	333	0.8739	0.50	551	1.4242
		Other cities in Area 5	0.1334	0.2305	0.5811	0.2	811	0.9353	0.50	551	1.5743
		Designated cities	1.1039	1.1291	0.9404	0.6646	1.6359	1.1492		1.7040	1.4018
		Tokyo 23 wards	0.9500	0.8474	0.9298	0.9707	1.3039	1.0968		1.3830	1.4670
	One meriter	Other cities in Area 1	0.7132	0.6763	0.9616	1.1477	1.3457	1.2824	1.1150	2.3099	1.7826
	One worker	Other cities in Area 2	0.2088	0.5525	1.2268	0.5717	1.2011	0.0516	1.1156	1.9129	1.3215
		Other cities in Area 4	0.4844	0.9313	0.6899	0.3717	0.9487	0.6785		1.6410	1.2429
Court and		Other cities in Area 5	0.6909	1.0185	0.7739	0.6029	1.1255	0.8592		2.2359	1.4096
Couple only		Designated cities	0.6309	1.1251	1.3142	0.5047	0.9053	0.8481	2 2402	1 6705	1.2391
		Tokyo 23 wards	0.6033	0.5922	0.6628	0.3947	1.3367	1.0188	2.3495	1.0795	1.4036
		Other cities in Area 1	0.8099	0.5817	0.9215	0.7405	1.1934	1.2815	1.6001	2.1403	2.2353
	Multiple workers	Other cities in Area 2	0.5173	0.4498	0.4766	0.9476	1.0726	1.0427	1.0448	1.9376	1.1311
		Other cities in Area 3	0.6274	0.7029	0.6995	0.7205	0.9772	0.8158	0.7891	1.3998	1.1395
		Other cities in Area 5	0.7327	0.9732	0.7103	0.3309	1.0775	0.8093	1.2288	1.7850	1.2014
		Designated cities	1.2111	1.7	555	0.7401	3.4	533	1.1704	1.0121	1.4034
		Tokyo 23 wards	0.9534	1.9	838	0.8927	3.9	090			
Cincle perent with		Other cities in Area 1	0.7151	1.10	669		3.1	969			
child(ren)	One worker	Other cities in Area 2	0.5422	0.74	428	1.5264	1.4	535	3.1783	4.93	\$14
child(ren)		Other cities in Area 3	0.7517	1.19	949		1.5	459			
		Other cities in Area 4	0.8269	1.2	243	1.3054	2.2	552			
		Other cities in Area 5	1.0290	1.1.	304	1.7417	2.4.	282		2.10	50
On		Tokyo 23 wards	1.4251	1.4	440	1.0359	1.9	271	1.4556	3.4	55
		Other cities in Area 1	1.2123	1.4	759	1.2962	2.4	853	1.7318 3.6553 1.4824 3.1654		553
	One worker	Other cities in Area 2	0.7438	0.9	699	1.2386	2.4	118			554
		Other cities in Area 3	1.0469	1.24	409	1.3499	2.4	950	1.1620	1.1620 2.7726	
		Other cities in Area 4	1.0802	1.5	104	1.0519	2.1	167	1.1673 3.0		63
Parents with		Other cities in Area 5	1.1584	1.5	716	1.1482	1.9	169	1.8456	8456 3.3352	
child(ren)		Designated cities	1.2181	4.0	510	1.5240	4.0	666	1.7445 6.2160		160
	Multiple workers	1 OKyo 25 Wards Other cities in Area 1	1.4247 2.8410 1 1.1842 2.8183 1 0.9620 1.4908 1		1.0099	3.9655 3.5860		1.8055	9.1	745	
		Other cities in Area 2			1.1004			1.4211 4.8		91	
		Other cities in Area 3	0.9177	2.7	558	1.1736	1.1736 3.27		1.0782 4		30
		Other cities in Area 4	1.1818	2.1	928	1.2418	3.5	492	0.9865	4.20)21
		Other cities in Area 5	1.3163	2.2	151	1.2469 3		3.5557		5.14	145
		Designated cities				0.9476	0.3373		0.5316	1.4963	0.2064
		Tokyo 23 wards		0.1740		1.0214	0.05/7	0.1005	1.0401	1.4750	0.0007
	One worker	Other cities in Area 1		0.1/48		0.7000	0.8567	0.1905	1.8401	1.4/52	0.2237
	One worker	Other cities in Area 3				0.7000	0.5692		0.4305	0.9319	0.2555
		Other cities in Area 4				1.0435	1.1120	0.1403	1.2383	1.0133	0.1964
Three constinues		Other cities in Area 5		0.2519		0.4552	0.4158	0.1117	1.0297	1.3113	0.2660
i firee generations		Designated cities		0.7369		0.9244	0.6099	0.1499	1.8416	1.0174	0.4111
		Tokyo 23 wards		0.9252		0.9244	1.2892	0.1400	1.2914	0.8287	0.5702
		Other cities in Area 1		0.4857		0.9207	0.7788	0.4382	1.5289	1.6395	0.5566
	Multiple workers	Other cities in Area 2		0.6614		0.9532	0.7628	0.2749	1.8725	1.3222	0.3326
		Other cities in Area 4		0.6498		0.5985	0.4462	0.1/85	0.9695	1.0501	0.3524
		Other cities in Area 5		0.5531		0.8948	0.7656	0.3852	1 1628	1.4209	0.3668
		Designated cities									0.2992
		Tokyo 23 wards	0.14	147		0.3	509	0.2232	0.23	542	0.3981
		Other cities in Area 1	0.20	067	0.1109	0.1	934	0.1629	0.40)76	0.3019
	One worker	Other cities in Area 2	0.23	301	0.1056	0.2	113	0.1232	0.53	350	0.2793
		Other cities in Area 3	0.2	875	0.1466	0.2	085		0.4:	580	0.2247
		Other cities in Area 4	0.2	7/9	0.1459	0.1	591	0.0965	0.50	032	0.2550
Other		Designated citics	0.2	/82	0.2217	0.540	503	0.1864	0.5	530	0.3459
		Tokyo 23 wards	0.1744	0.1510	0.1870	0.0549	0.1474	0.2171	0.8534	0.1677	0.2020
		Other cities in Area 1	0.2965	0.2379	0.2170	0.5531	0.1327	0.1412	0.9812	0.4066	0.3109
	Multiple workers	Other cities in Area 2	0.0646	0.2067	0.1369	0.6928	0.1756	0.1393	1.3251	0.3753	0.2905
	.	Other cities in Area 3	0.3085	0.1983	0.1997	0.3636	0.0911	0.1372	1.1307	0.2249	0.1970
		Other cities in Area 4	0.1278	0.4217	0.2151	0.6968	0.1922	0.1708	1.3993	0.5415	0.4294
		Other cities in Area 5	0.2732	0.1956	0.1994	0.4624	0.1909	0.2011	1.1241	0.4121	0.3146

population group in 2009 (two-or-more-person households)



Figure 1(a): Household share of each age category in 2009



Figure 1(b): Population share of each household type in 2009



Figure 2: Disproportionality of the NSFIE sample by household characteristic, 1989-2009



Figure 3: Gini coefficient by sampling weight, 1989-2009



Figure 4: Relative poverty rate by sampling weight, 1989-2009



Figure 5: MLD by sampling weight, 1989–2009



Figure 6: LV by sampling weight, 1989–2009







Figure 8: Top, middle, and bottom 10% shares, 1989–2009



Figure 9: Kernel density of income, 1989–2009



Figure 10(a): Gini coefficient with fixed household group shares (weighting cells)



Figure 10(b): Relative poverty rate with fixed household group shares (weighting cells)



Figure 10(c): MLD with fixed share of household group (weighting cell)



Figure 10(d): LV with fixed share of household group (weighting cell)



Figure 11(a): Decomposition of MLD (age)



Figure 11(b): Decomposition of LV (age)



Figure 12(a): Decomposition of MLD (household type)



Figure 12(b): Decomposition of LV (household type)







Figure 13(b): Decomposition of LV (number of workers)



Figure 14(a): Decomposition of MLD (area)



Figure 14(b): Decomposition of LV (area)



Figure 15: Population share by category



Figure 16(a): Gini coefficient by age group



Figure 16(b): Relative poverty rate by age group



Figure 16(c): MLD by age group



Figure 16(d): LV by age group



Figure 17(a): Gini coefficient by household type



Figure 17(b): Relative poverty rate by household type



Figure 17(c): MLD by household type



Figure 17(d): LV by household type



Figure 18(a): Gini coefficient by number of workers



Figure 18(b): Relative poverty rate by number of workers



Figure 18(c): MLD by number of workers



Figure 18(d): LV by number of workers



Figure 19(a): Gini coefficient by area



Figure 19(b): Relative poverty rate by area







Figure 19(d): LV by area