

Neighborhood Walkability and Body Mass Index Change: A National Study of Veterans in Urban Areas

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2009		Population Density		Housing Density		Intersection Density		4+-way Intersections (%)		LEHD Jobs	
Walkability Quartile	Mean	Std	Mean	Std	Mean	Std	Mean	Std	Mean	Std	
1	1,811.9	1,028.2	746.3	444.1	73.1	31.1	8.4	4.3	166.2	212.8	
2	3,847.5	1,247.7	1,607.9	539.0	127.5	27.7	12.9	6.1	348.4	316.6	
3	6,021.4	2,044.5	2,477.3	779.7	164.2	39.1	19.4	10.0	504.5	442.9	
4	15,692.4	14,400.6	6,919.5	6,623.1	197.5	61.9	39.1	13.2	1,678.0	4,065.0	
2010		Population Density		Housing Density		Intersection Density		4+-way Intersections (%)		LEHD Jobs	
Walkability Quartile	Mean	Std	Mean	Std	Mean	Std	Mean	Std	Mean	Std	
1	1,892.8	1,034.9	792.9	454.1	72.3	30.4	8.4	4.3	162.1	206.1	
2	3,923.2	1,209.0	1,664.4	534.8	126.9	26.9	12.9	6.1	335.0	299.6	
3	5,982.2	2,008.9	2,509.6	781.5	164.8	38.7	19.4	10.1	478.3	415.5	
4	15,501.8	14,220.1	7,022.3	6,646.5	197.5	61.9	39.2	13.2	1,610.0	3,920.2	
2011		Population Density		Housing Density		Intersection Density		4+-way Intersections (%)		LEHD Jobs	
Walkability Quartile	Mean	Std	Mean	Std	Mean	Std	Mean	Std	Mean	Std	
1	1,912.9	1,039.2	797.5	452.7	72.7	30.5	8.3	4.2	160.4	206.4	
2	3,947.5	1,214.5	1,667.5	532.8	127.9	27.2	12.8	6.1	329.4	297.5	
3	5,995.8	2,014.6	2,510.6	778.3	165.7	39.0	19.2	10.0	475.8	416.1	
4	15,692.4	14,433.3	7,104.1	6,717.0	197.8	61.7	39.1	13.2	1,649.5	4,046.4	

2012	Population Density		Housing Density		Intersection Density		4+-way Intersections (%)		LEHD Jobs	
Walkability Quartile	Mean	Std	Mean	Std	Mean	Std	Mean	Std	Mean	Std
1	1,929.6	1,043.9	797.8	449.0	72.5	30.2	8.3	4.2	161.4	209.1
2	3,977.2	1,222.0	1,665.0	527.2	127.3	26.8	12.7	6.0	336.4	303.8
3	6,004.3	2,024.4	2,500.4	768.6	165.6	38.8	19.1	10.0	480.1	416.7
4	15,693.3	14,409.1	7,044.7	6,623.0	197.7	61.5	39.0	13.3	1,668.6	4,156.5
2013										
2013	Population Density		Housing Density		Intersection Density		4+-way Intersections (%)		LEHD Jobs	
Walkability Quartile	Mean	Std	Mean	Std	Mean	Std	Mean	Std	Mean	Std
1	1,924.2	1,054.7	787.2	448.7	82.3	36.9	10.5	5.3	163.9	214.6
2	4,003.6	1,238.4	1,660.3	520.9	143.7	37.1	14.9	6.6	338.6	304.5
3	6,040.2	2,028.7	2,493.6	764.9	186.4	50.3	19.6	9.5	488.1	428.8
4	15,718.4	14,483.9	6,991.7	6,580.7	238.6	72.5	34.6	12.6	1,697.8	4,271.7
2014										
2014	Population Density		Housing Density		Intersection Density		4+-way Intersections (%)		LEHD Jobs	
Walkability Quartile	Mean	Std	Mean	Std	Mean	Std	Mean	Std	Mean	Std
1	1,940.3	1,435.1	796.6	643.6	63.4	36.8	8.5	5.3	153.3	213.0
2	3,517.6	1,150.5	1,446.0	497.7	131.3	26.1	13.9	5.4	303.1	306.3
3	5,429.9	1,781.8	2,223.4	679.1	178.4	35.7	18.7	8.1	458.4	430.1
4	14,428.5	13,820.9	6,328.6	6,252.0	238.5	63.5	32.8	12.5	1,592.8	4,059.6

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Table S2							
Walkability Index Components:							
Within-person Differences Between Minimum and Maximum Values, Expressed as Percentage							
(N=737,339)							
	Minimum (%)	25 th percentile (%)	50 th percentile (%)	75 th percentile (%)	Maximum (%)	Mean (%)	SD (%)
Population density	0.0	3.8	8.9	21.9	99.9	17.4	21.3
Housing density	0.0	2.6	6.7	20.5	99.9	16.6	22.2
Intersection density	0.0	1.1	10.7	24.8	100.0	17.2	20.8
4+-way intersections	0.0	1.3	9.1	32.0	100.0	19.5	23.3
Jobs	0.0	10.0	22.7	47.8	100.0	31.6	28.3

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Table S3a											
Sample Characteristics by Gender and Age Group: MEN											
		20-29 Years		30-49 Years		50-64 Years		65-74 Years		75+ Years	
		N	%	N	%	N	%	N	%	N	%
Age	mean(SD)	26.3	2.0	41.0	6.0	58.3	4.2	68.8	2.9	77.5	1.7
Age group	20-29	40,846	100.0								
	30-49			131,693	100.0						
	50-64					331,216	100.0				
	65-74							165,176	100.0		
	75+									89,503	100.0
Race/ethnicity	Non-Hispanic white	21,826	53.4	56,955	43.3	163,429	49.3	101,731	61.6	57,174	63.9
	Non-Hispanic black	6,147	15.1	43,635	33.1	113,147	34.2	36,057	21.8	15,711	17.6
	Hispanic	6,766	16.6	13,538	10.3	23,288	7.0	8,846	5.4	3,918	4.4
	Other	2,246	5.5	5,829	4.4	9,016	2.7	4,106	2.5	1,738	1.9
	Unknown	3,861	9.5	11,736	8.9	22,336	6.7	14,436	8.7	10,962	12.3
Marital status	Married	11,242	27.5	52,168	39.6	131,562	39.7	87,502	52.9	56,176	62.8
	Separated/divorced	4,044	9.9	31,717	24.1	111,723	33.7	46,226	27.9	15,104	16.9
	Widowed	25	0.1	611	0.5	9,031	2.7	9,425	5.7	10,295	11.5
	Single	24,368	59.7	45,121	34.3	76,479	23.1	21,045	12.7	7,559	8.5
	Unknown	1,167	2.9	2,076	1.6	2,421	0.7	978	0.6	369	0.4
Census division	New England	1,157	2.8	2,655	2.0	7,288	2.2	4,681	2.8	4,069	4.6
	Middle Atlantic	4,136	10.1	12,043	9.1	34,254	10.3	18,326	11.1	12,764	14.3
	East North Central	4,762	11.7	16,059	12.2	49,386	14.9	23,683	14.3	14,891	16.6
	West North Central	1,208	3.0	3,709	2.8	11,911	3.6	5,649	3.4	3,398	3.8
	South Atlantic	6,176	15.1	25,146	19.1	56,269	17.0	26,350	16.0	13,182	14.7
	East South Central	1,270	3.1	6,846	5.2	18,967	5.7	7,316	4.4	3,960	4.4
	West South Central	6,728	16.5	23,361	17.7	52,337	15.8	23,427	14.2	10,499	11.7
	Mountain	4,428	10.8	12,684	9.6	31,584	9.5	19,370	11.7	9,167	10.2
	Pacific	10,981	26.9	29,190	22.2	69,220	20.9	36,374	22.0	17,573	19.6

Census tract median household income (thousands)	2.5 - 29.5	2,984	7.3	14,622	11.1	51,475	15.5	16,951	10.3	8,216	9.2
	29.5 - 36.0	3,643	8.9	13,288	10.1	41,310	12.5	16,427	10.0	8,120	9.1
	36.0 - 41.2	3,776	9.2	12,434	9.4	34,962	10.6	15,535	9.4	8,040	9.0
	41.3 - 45.9	3,697	9.1	11,723	8.9	31,214	9.4	14,838	9.0	8,078	9.0
	45.9 - 50.8	4,363	10.7	12,755	9.7	31,142	9.4	15,715	9.5	8,528	9.5
	50.8 - 55.8	4,638	11.4	13,190	10.0	31,050	9.4	16,971	10.3	9,118	10.2
	55.8 - 62.2	4,873	11.9	14,339	10.9	30,209	9.1	17,340	10.5	9,851	11.0
	62.2 - 70.4	5,244	12.8	15,371	11.7	31,697	9.6	18,876	11.4	10,544	11.8
	70.4 - 83.8	4,827	11.8	14,864	11.3	29,696	9.0	18,899	11.4	10,470	11.7
	83.8 - 250	2,801	6.9	9,107	6.9	18,461	5.6	13,624	8.3	8,538	9.5
Census tract percent below federal poverty threshold	0.0 - 3.7	3,075	7.5	10,123	7.7	23,089	7.0	16,470	10.0	11,178	12.5
	3.7 - 5.7	4,222	10.3	13,759	10.5	30,640	9.3	20,768	12.6	13,211	14.8
	5.7 - 7.6	4,276	10.5	13,638	10.4	30,019	9.1	18,583	11.3	10,810	12.1
	7.6 - 9.6	4,561	11.2	13,492	10.3	30,709	9.3	17,917	10.9	9,856	11.0
	9.6 - 11.9	4,429	10.8	12,931	9.8	29,705	9.0	15,784	9.6	8,313	9.3
	11.9 - 14.5	4,365	10.7	12,712	9.7	29,789	9.0	14,827	9.0	7,226	8.1
	14.5 - 18.0	4,147	10.2	12,898	9.8	32,496	9.8	15,169	9.2	7,489	8.4
	18.0 - 22.8	4,185	10.3	13,654	10.4	36,518	11.0	15,266	9.2	7,296	8.2
	22.8 - 30.9	4,243	10.4	14,465	11.0	42,196	12.7	15,741	9.5	7,398	8.3
	30.9 - 100	3,343	8.2	14,021	10.7	46,055	13.9	14,651	8.9	6,726	7.5
Health conditions	Diabetes	275	0.7	10,857	8.2	84,464	25.5	57,178	34.6	31,339	35.0
	Hypertension	1,364	3.3	30,144	22.9	177,228	53.5	115,211	69.8	69,906	78.1
	Stroke/CVD	69	0.2	1,045	0.8	13,596	4.1	13,787	8.4	11,387	12.7
	Breast cancer	0	0.0	4	0.0	51	0.0	82	0.1	72	0.1
	Colon cancer	4	0.0	120	0.1	1,957	0.6	2,194	1.3	2,028	2.3
	Hyperlipidemia	1,141	2.8	23,974	18.2	124,891	37.7	89,037	53.9	53,834	60.2
	Osteoarthritis	488	1.2	7,454	5.7	41,225	12.5	26,535	16.1	18,672	20.9
	CHF	29	0.1	1,266	1.0	15,452	4.7	14,261	8.6	11,451	12.8
	MI	3	0.0	535	0.4	7,622	2.3	7,379	4.5	5,559	6.2
	Depression	5,911	14.5	28,019	21.3	74,902	22.6	23,525	14.2	8,821	9.9
VA priority group^a	No copayments	13,054	32.0	43,529	33.1	97,464	29.4	36,451	22.1	14,126	15.8
	Some copayments	26,679	65.3	76,331	58.0	191,391	57.8	84,763	51.3	40,996	45.8
	All copayments	1,113	2.7	11,833	9.0	42,361	12.8	43,962	26.6	34,381	38.4
Primary care encounters	mean(SD)	2.1	1.7	2.6	2.3	3.5	2.9	3.3	2.9	3.2	2.9

Specialty care encounters	mean(SD)	5.3	7.5	6.1	9.3	7.1	10.3	5.3	8.1	4.4	7.4
Days in hospital	mean(SD)	0.9	5.9	1.3	7.2	2.1	9.2	1.7	7.9	1.5	7.4
Parks	0	6,230	15.3	21,768	16.5	41,168	12.4	24,147	14.6	12,923	14.4
	1-2	12,583	30.8	40,119	30.5	94,862	28.6	50,268	30.4	27,047	30.2
	3-4	10,036	24.6	31,646	24.0	86,130	26.0	41,343	25.0	22,283	24.9
	5+	11,997	29.4	38,160	29.0	109,056	32.9	49,418	29.9	27,250	30.5
Commercial fitness facilities	0	4,797	11.7	18,535	14.1	44,012	13.3	21,667	13.1	10,300	11.5
	1-2	9,378	23.0	33,736	25.6	85,321	25.8	41,155	24.9	21,796	24.4
	3-6	13,805	33.8	43,690	33.2	112,673	34.0	56,934	34.5	31,764	35.5
	7+	12,866	31.5	35,732	27.1	89,210	26.9	45,420	27.5	25,643	28.7
Supermarkets	0	11,221	27.5	40,084	30.4	90,824	27.4	48,920	29.6	26,084	29.1
	1	10,554	25.8	34,103	25.9	87,225	26.3	43,283	26.2	24,365	27.2
	2	7,713	18.9	24,203	18.4	64,120	19.4	30,791	18.6	16,719	18.7
	3+	11,358	27.8	33,303	25.3	89,047	26.9	42,182	25.5	22,335	25.0
Convenience stores	0-2	10,846	26.6	37,325	28.3	76,701	23.2	47,580	28.8	26,531	29.6
	3-5	10,986	26.9	32,703	24.8	79,343	24.0	42,115	25.5	23,508	26.3
	6-9	9,994	24.5	30,743	23.3	85,296	25.8	39,033	23.6	20,606	23.0
	10+	9,020	22.1	30,922	23.5	89,876	27.1	36,448	22.1	18,858	21.1
Grocery stores	0	12,970	31.8	43,718	33.2	93,903	28.4	56,346	34.1	32,267	36.1
	1	7,439	18.2	22,677	17.2	54,288	16.4	29,314	17.8	15,864	17.7
	2-5	11,215	27.5	34,424	26.1	91,790	27.7	42,864	26.0	22,262	24.9
	6+	9,222	22.6	30,874	23.4	91,235	27.6	36,652	22.2	19,110	21.4
Fast food restaurants	0-4	9,228	22.6	35,056	26.6	80,501	24.3	44,395	26.9	23,508	26.3
	5-10	9,774	23.9	32,454	24.6	82,348	24.9	41,086	24.9	22,729	25.4
	11-18	10,120	24.8	30,607	23.2	80,431	24.3	39,117	23.7	21,664	24.2
	19+	11,724	28.7	33,576	25.5	87,936	26.6	40,578	24.6	21,602	24.1
Walkability	Quartile 1	10,278	25.2	35,759	27.2	77,970	23.5	45,762	27.7	25,774	28.8
	Quartile 2	10,930	26.8	33,722	25.6	79,032	23.9	41,356	25.0	22,935	25.6
	Quartile 3	10,033	24.6	30,731	23.3	83,542	25.2	39,861	24.1	20,781	23.2
	Quartile 4	9,605	23.5	31,481	23.9	90,672	27.4	38,197	23.1	20,013	22.4

^a Priority groups: no copayments, 1, 4; some copayments 2, 3, 5, 6; all copayments 7, 8³¹

Sample Characteristics by Gender and Age Group: WOMEN									
		20-29 Years		30-49 Years		50-64 Years		65+ Years	
		N	%	N	%	N	%	N	%
Age	mean(SD)	26.3	2.1	39.8	6.1	55.7	4.0	71.1	4.7
Age group	20-29	11,640	100.0						
	30-49			31,169	100.0				
	50-64					22,520	100.0		
	65-74							4,990	100.0
Race/ethnicity	Non-Hispanic white	4,855	41.7	11,866	38.1	10,684	47.4	3,387	67.9
	Non-Hispanic black	3,280	28.2	12,730	40.8	8,537	37.9	924	18.5
	Hispanic	1,909	16.4	2,565	8.2	997	4.4	148	3.0
	Other	617	5.3	1,295	4.2	695	3.1	148	3.0
	Unknown	979	8.4	2,713	8.7	1,607	7.1	383	7.7
Marital status	Married	2,835	24.4	8,974	28.8	5,521	24.5	1,201	24.1
	Separated/divorced	1,768	15.2	9,878	31.7	9,851	43.7	1,875	37.6
	Widowed	23	0.2	279	0.9	1,081	4.8	886	17.8
	Single	6,690	57.5	11,556	37.1	5,858	26.0	991	19.9
	Unknown	324	2.8	482	1.6	209	0.9	37	0.7
Census division	New England	179	1.5	400	1.3	318	1.4	127	2.6
	Middle Atlantic	1,105	9.5	2,586	8.3	1,653	7.3	351	7.0
	East North Central	1,219	10.5	3,535	11.3	2,622	11.6	594	11.9
	West North Central	287	2.5	691	2.2	643	2.9	158	3.2
	South Atlantic	2,308	19.8	7,447	23.9	5,147	22.9	887	17.8
	East South Central	407	3.5	1,626	5.2	1,568	7.0	202	4.1
	West South Central	2,084	17.9	6,322	20.3	4,117	18.3	723	14.5
	Mountain	1,078	9.3	2,879	9.2	2,499	11.1	703	14.1
	Pacific	2,973	25.5	5,683	18.2	3,953	17.6	1,245	25.0
Census tract median household income (thousands)	2.5 - 29.5	979	8.4	2,936	9.4	2,886	12.8	455	9.1
	29.5 - 36.0	1,148	9.9	3,042	9.8	2,658	11.8	553	11.1
	36.0 - 41.2	1,243	10.7	3,009	9.7	2,368	10.5	531	10.6
	41.3 - 45.9	1,173	10.1	3,049	9.8	2,287	10.2	516	10.3
	45.9 - 50.8	1,369	11.8	3,228	10.4	2,246	10.0	512	10.3

	50.8 - 55.8	1,262	10.8	3,287	10.6	2,318	10.3	509	10.2
	55.8 - 62.2	1,330	11.4	3,643	11.7	2,292	10.2	488	9.8
	62.2 - 70.4	1,328	11.4	3,658	11.7	2,270	10.1	590	11.8
	70.4 - 83.8	1,242	10.7	3,426	11.0	2,000	8.9	526	10.5
	83.8 - 250	566	4.9	1,891	6.1	1,195	5.3	310	6.2
Census tract percent below federal poverty threshold	0.0 - 3.7	719	6.2	2,412	7.7	1,555	6.9	418	8.4
	3.7 - 5.7	1,081	9.3	3,236	10.4	2,136	9.5	602	12.1
	5.7 - 7.6	1,124	9.7	3,233	10.4	2,080	9.2	537	10.8
	7.6 - 9.6	1,213	10.4	3,309	10.6	2,325	10.3	587	11.8
	9.6 - 11.9	1,234	10.6	3,243	10.4	2,170	9.6	516	10.3
	11.9 - 14.5	1,291	11.1	3,350	10.8	2,235	9.9	498	10.0
	14.5 - 18.0	1,248	10.7	3,111	10.0	2,294	10.2	500	10.0
	18.0 - 22.8	1,332	11.4	3,202	10.3	2,540	11.3	505	10.1
	22.8 - 30.9	1,374	11.8	3,240	10.4	2,617	11.6	442	8.9
	30.9 - 100	1,024	8.8	2,833	9.1	2,568	11.4	385	7.7
Health conditions	Diabetes	54	0.5	1,424	4.6	3,806	16.9	1,360	27.3
	Hypertension	187	1.6	4,618	14.8	9,832	43.7	3,468	69.5
	Stroke/CVD	8	0.1	213	0.7	645	2.9	424	8.5
	Breast cancer	4	0.0	194	0.6	682	3.0	353	7.1
	Colon cancer	1	0.0	23	0.1	82	0.4	54	1.1
	Hyperlipidemia	156	1.3	3,253	10.4	7,202	32.0	2,776	55.6
	Osteoarthritis	109	0.9	1,493	4.8	3,436	15.3	1,349	27.0
	CHF	3	0.0	111	0.4	476	2.1	368	7.4
	MI	1	0.0	38	0.1	217	1.0	152	3.1
	Depression	2,425	20.8	9,363	30.0	8,155	36.2	1,207	24.2
VA priority group^a	No copayments	3,487	29.96	11,843	38.0	8,183	36.3	1,082	21.7
	Some copayments	7,788	66.91	16,943	54.4	11,378	50.5	2,670	53.5
	All copayments	365	3.14	2,383	7.6	2,959	13.1	1,238	24.8
Primary care encounters	mean(SD)	3.0	2.4	3.3	2.8	3.9	3.2	3.8	3.4
Specialty care encounters	mean(SD)	5.3	7.6	6.7	9.8	8.0	10.9	5.8	8.5
Days in hospital	mean(SD)	0.5	3.6	0.9	6.0	1.4	7.1	1.7	8.0
Parks	0	1,903	16.4	5,966	19.1	3,609	16.0	754	15.1
	1-2	3,712	31.9	10,061	32.3	7,097	31.5	1,592	31.9

	3-4	2,903	24.9	7,175	23.0	5,513	24.5	1,250	25.1
	5+	3,122	26.8	7,967	25.6	6,301	28.0	1,394	27.9
Commercial fitness facilities	0	1,416	12.2	4,709	15.1	3,172	14.1	579	11.6
	1-2	2,835	24.4	8,230	26.4	6,054	26.9	1,158	23.2
	3-6	4,037	34.7	10,403	33.4	7,600	33.8	1,842	36.9
	7+	3,352	28.8	7,827	25.1	5,694	25.3	1,411	28.3
Supermarkets	0	3,168	27.2	10,199	32.7	6,901	30.6	1,379	27.6
	1	3,006	25.8	8,324	26.7	6,107	27.1	1,421	28.5
	2	2,300	19.8	5,598	18.0	4,264	18.9	966	19.4
	3+	3,166	27.2	7,048	22.6	5,248	23.3	1,224	24.5
Convenience stores	0-2	2,981	25.6	9,329	29.9	5,833	25.9	1,350	27.1
	3-5	3,154	27.1	8,103	26.0	5,893	26.2	1,401	28.1
	6-9	2,841	24.4	7,314	23.5	5,696	25.3	1,248	25.0
	10+	2,664	22.9	6,423	20.6	5,098	22.6	991	19.9
Grocery stores	0	3,561	30.6	11,180	35.9	7,315	32.5	1,732	34.7
	1	2,111	18.1	5,675	18.2	4,058	18.0	920	18.4
	2-5	3,335	28.7	8,029	25.8	6,268	27.8	1,358	27.2
	6+	2,633	22.6	6,285	20.2	4,879	21.7	980	19.6
Fast food restaurants	0-4	2,710	23.3	8,904	28.6	5,919	26.3	1,229	24.6
	5-10	2,780	23.9	7,803	25.0	5,940	26.4	1,254	25.1
	11-18	2,959	25.4	7,294	23.4	5,489	24.4	1,317	26.4
	19+	3,191	27.4	7,168	23.0	5,172	23.0	1,190	23.9
Walkability	Quartile 1	2,935	25.2	9,329	29.9	6,136	27.3	1,285	25.8
	Quartile 2	3,288	28.3	8,544	27.4	6,005	26.7	1,430	28.7
	Quartile 3	2,842	24.4	6,924	22.2	5,576	24.8	1,305	26.2
	Quartile 4	2,575	22.1	6,372	20.4	4,803	21.3	970	19.4
^a Priority groups: no copayments, 1, 4; some copayments 2, 3, 5, 6; all copayments 7, 8 ³¹									

Neighborhood Walkability and Body Mass Index Change: A National Study of Veterans in Urban Areas

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Table S4. Estimated BMI Differences between Migrants and Non-Migrants Living in Walkability Quartile-2, -3, and -4 Areas and those Living in Quartile-1 Areas: U.S. Large Urban Areas, 2009-2014									
Non-Migrants									
MEN					WOMEN				
		Quartile 2	Quartile 3	Quartile 4			Quartile 2	Quartile 3	Quartile 4
	N	b [95% CI]	b [95% CI]	b [95% CI]		N	b [95% CI]	b [95% CI]	b [95% CI]
All	503,804	0.005 [-0.015, 0.026]	0.003 [-0.031, 0.036]	-0.033 [-0.081, 0.015]	All	37,632	0.019 [-0.050, 0.088]	-0.006 [-0.097, 0.086]	0.033 [-0.129, 0.195]
20-29 Years	22,957	-0.051 [-0.154, 0.053]	-0.044 [-0.152, 0.063]	-0.103 [-0.266, 0.061]	20-29 Years	5,204	0.139 [-0.085, 0.362]	0.267 [-0.024, 0.558]	0.101 [-0.514, 0.716]
30-49 Years	73,510	0.000 [-0.048, 0.048]	-0.001 [-0.065, 0.064]	-0.041 [-0.145, 0.062]	30-49 Years	15,707	-0.136* [-0.243, -0.029]	-0.156* [-0.292, -0.020]	0.064 [-0.170, 0.298]
50-64 Years	210,084	0.016 [-0.013, 0.045]	0.029 [-0.011, 0.070]	0.002 [-0.058, 0.063]	50-64 Years	13,229	0.122 [-0.008, 0.253]	0.048 [-0.135, 0.231]	0.017 [-0.203, 0.236]
65-74 Years	125,092	-0.015 [-0.050, 0.020]	-0.026 [-0.086, 0.034]	-0.048 [-0.127, 0.030]	>=65 Years	3,492	0.242 [-0.018, 0.502]	0.322* [0.023, 0.620]	0.249 [-0.258, 0.757]
>=75 Years	72,161	0.035 [-0.021, 0.091]	-0.004 [-0.073, 0.065]	-0.075 [-0.163, 0.014]					

Table S4 (continued)

Migrants									
MEN					WOMEN				
		Low Walkability	Medium Walkability	High Walkability			Low Walkability	Medium Walkability	High Walkability
	N	b [95% CI]	b [95% CI]	b [95% CI]		N	b [95% CI]	b [95% CI]	b [95% CI]
All	254,630	-0.004 [-0.029, 0.021]	-0.028 [-0.057, 0.001]	-0.070*** [-0.105, -0.035]	All	32,687	0.013 [-0.051, 0.084]	-0.052 [-0.127, 0.023]	-0.146** [-0.235, -0.056]
20-29 Years	17,889	-0.015 [-0.083, 0.053]	-0.046 [-0.132, 0.040]	-0.082 [-0.184, 0.021]	20-29 Years	6,436	0.014 [-0.109, 0.136]	-0.041 [-0.172, 0.090]	-0.245* [-0.483, -0.007]
30-49 Years	58,183	-0.018 [-0.066, 0.031]	-0.021 [-0.078, 0.036]	-0.075* [-0.137, -0.012]	30-49 Years	15,462	-0.015 [-0.108, 0.078]	-0.078 [-0.192, 0.036]	-0.129 [-0.282, 0.024]
50-64 Years	121,132	-0.009 [-0.043, 0.025]	-0.052* [-0.094, -0.010]	-0.097*** [-0.145, -0.048]	50-64 Years	9,291	0.079 [-0.029, 0.187]	-0.023 [-0.162, 0.116]	-0.115 [-0.264, 0.034]
65-74 Years	40,084	0.029 [-0.021, 0.078]	0.027 [-0.036, 0.090]	0.006 [-0.071, 0.084]	>=65 Years	1,498	0.004 [-0.293, 0.300]	-0.048 [-0.451, 0.355]	-0.121 [-0.627, 0.384]
>=75 Years	17,342	0.028 [-0.049, 0.105]	0.041 [-0.047, 0.129]	0.028 [-0.071, 0.128]					

Note: Boldface indicates P value < 0.05: * p<0.05, ** p<0.01, *** p<0.001.

Covariates included age, race/ethnicity, marital status, census division, census tract percent of the population living below the federal poverty threshold, census tract median household income, VA priority group, number of primary care encounters, number of specialty care encounters, number of inpatient days, food outlets within 1 mile (supermarkets, grocery stores, convenience stores, fast-food restaurants), parks within 1 mile, commercial fitness facilities within 1 mile. Models included year and person fixed effects. Area walkability was measured within 1 mile of home.

CI, Confidence Interval

Neighborhood Walkability and Body Mass Index Change: A National Study of Veterans in Urban Areas

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Table S5. Estimated BMI Differences between Men and Women Living in Walkability Quartile-2, -3, and -4 Areas and those Living in Quartile-1 Areas: U.S. Large Urban Areas, 2009-2014 (Walkability measured within ¼ mile)

MEN				WOMEN			
	Quartile 2	Quartile 3	Quartile 4		Quartile 2	Quartile 3	Quartile 4
	b [95% CI]	b [95% CI]	b [95% CI]		b [95% CI]	b [95% CI]	b [95% CI]
All	0.003 [-0.009, 0.015]	-0.012 [-0.025, 0.001]	-0.042*** [-0.059-0.026]	All	-0.003 [-0.037, 0.031]	-0.001 [-0.038, 0.035]	-0.024 [-0.086, 0.038]
20-29 Years	0.004 [-0.041, 0.049]	0.050* [0.004, 0.096]	-0.043 [-0.118, 0.031]	20-29 Years	0.002 [-0.077, 0.081]	-0.026 [-0.139, 0.087]	-0.019 [-0.164, 0.126]
30-49 Years	-0.001 [-0.028, 0.031]	-0.023 [-0.054, 0.001]	-0.050** [-0.087-0.013]	30-49 Years	0.004 [-0.056, 0.063]	-0.021 [-0.078, 0.035]	-0.004 [-0.105, 0.097]
50-64 Years	-0.004 [-0.019, 0.012]	-0.022* [-0.041 -0.004]	-0.055*** [-0.078-0.032]	50-64 Years	-0.010 [-0.083, 0.063]	0.004 [-0.076, 0.084]	-0.059 [-0.160, 0.043]
65-74 Years	0.015 [-0.012, 0.041]	0.001 [-0.032, 0.033]	0.006 [-0.043, 0.030]	>=65 Years	0.010 [-0.150, 0.131]	0.176 [-0.027, 0.380]	0.056 [-0.206, 0.318]
>=75 Years	0.018 [-0.014, 0.049]	0.012 [-0.032, 0.056]	-0.005 [-0.059, 0.050]				

Note: Boldface indicates P value < 0.05: * p<0.05, ** p<0.01, *** p<0.001.

Covariates included age, race/ethnicity, marital status, census division, census tract percent of the population living below the federal poverty threshold, census tract median household income, VA priority group, number of primary care encounters, number of specialty care encounters, number of inpatient days, food outlets within 1 mile (supermarkets, grocery stores, convenience stores, fast-food restaurants), parks within 1 mile, commercial fitness facilities within 1 mile. Models included year and person fixed effects. Area walkability was measured within 1/4 mile of home.

CI, Confidence Interval