

SSO i-Tour NICHD HD061298 ESRC RES-177-25-0013

Systematic Social Observation Inventory

Tally of Observations in Urban Regions (SSO i-Tour)

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SUGGESTED CITATIONS

Odgers, CL., Bates, CJ., Caspi, A., Sampson, RJ and Moffitt, TE. (2009). Systematic social observation inventory – tally of observations in urban regions (SSO i-Tour). Adaptlab publications: Irvine, CA,

Odgers, CL., Caspi, A., Bates, CJ., Sampson, RJ and Moffitt, TE. (in press). Systematic social observation of children's neighborhoods using Google Street View: A reliable and cost effective method. *Journal of Child Psychology and Psychiatry*.

ONLINE TOUR & TRAINING

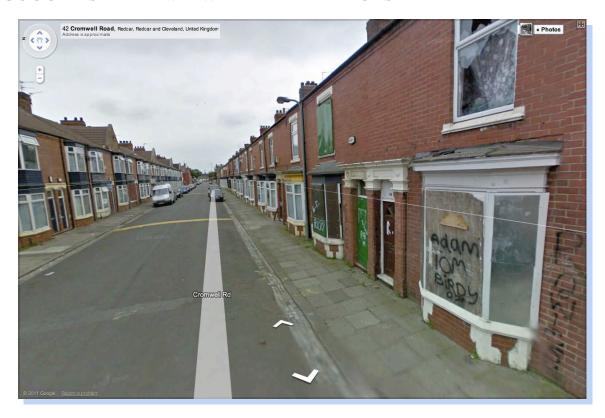
To access online training with the SSO i-Tour and learn more about the Community Strengths Study visit our website at: https://adaptlab.soceco.uci.edu/systematic-social-observation/

REFERENCES

The SSO i-Tour was developed based on the following systematic social observation instruments developed for inperson assessments:

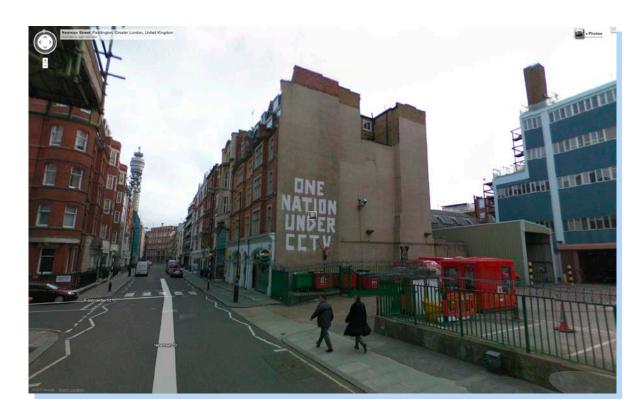
- Project on Human Development in Chicago Neighborhoods (PHDCN): Systematic Social Observation, Sampson, RJ., & Raudenbush, S. (1999). Systematic social observation of public spaces: A new look at disorder in urban neighborhoods. *American Journal of Sociology*, 105(3), 603-651. access to instruments and documentation is provided online at: http://www.icpsr.umich.edu/PHDCN/
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- 3. **Analytic Audit Tool and Checklist Audit Tool**. Hoehner, CM., Brennan Ramirez, LK., Elliot, MB., Handy, SL. & Brownson, RC. (2005). Perceived and objective environmental measures of physical activity among urban adults. *American Journal of Preventive Medicine*, 28 (2S2), 105-116.
- 4. Irvine Minnesota Inventory for Observation of Physical Environment Features Linked to Physical Activity. Day, K., Boarnet, M., & Alfonzo, M. (2005). Codebook. Accessed at: https://webfiles.uci.edu/kday/public/index.html
- 5. **Healthy Environments Partnership Neighborhood Observational Checklist**. Zenk SN, Schulz AJ, House JS, Benjamin A, & Kannan S. (2005). Application of community-based participatory research in the design of an observational tool: The neighborhood observational checklist. In BA Israel, E Eng, AJ Schulz, E Parker (Eds), *Multiple Methods for Conducting Community-Based Participatory Research for Health*. San Francisco: Jossey Bass.
- 6. Los Angeles Family and Neighborhood Study (L.A. FANS). Pebley, AR. & Sastry, N. Neighborhood Observations Block Face Data, Version 2.5, accessed online: http://www.icpsr.umich.edu/icpsrweb/DSDR/studies/22940/documentation

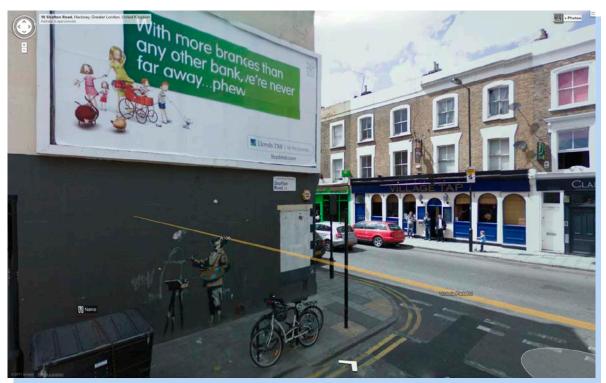
GOOGLE STREET VIEW EXAMPLE IMAGES





GOOGLE STREET VIEW EXAMPLE IMAGES





IDENTIFYING FEATURES

Observer Identification #:
What is the Subject ID#:
STREET FEATURES
Street Pattern/Layout ¹
OResidential Street
ODual Carriage Motorway
Ocul De Sac
OParking or Common Area
Oother
Condition of the street ^{1,5,6}
OGood (NO sizable cracks, potholes, or broken curbs)
OFair (Sizable cracks, potholes, or broken curbs along SOME of the street)
OPoor (Sizable cracks, potholes, or broken curbs along MOST or ALL of the street)
Ounder Construction
Is there outdoor lighting illuminating the street? ⁴
Oyes O No
Based on the characteristics of this blocks street lights, estimate the percentage of illumination on the street at night? ^{1,5}
On 75% of the block face
On 50-74% of the block face
On 1-49% of the block face
On 0% (none) of the block face
Ocannot evaluate

Are there any traffic calming measures visible on the street $O_{Yes} \qquad O \qquad No$	t?	
Are any of these street features visible?:		
	Visible	Not Visible
Speed Limit Signs ^{2,4}	O	\circ
Signs Limiting Traffic Type (ie No Trucks Allowed)	O	\circ
Crosswalk or Signs Signaling to Watch for Pedestrians Crossing Street (ie School Crossing, Elderly Crossing) ^{2,4}	0	О
Designated Bike Lane (Sign or Painted Street Markers) ⁴	O	O
Speed Reducing Humps ^{4,6}	\circ	O
Condition of the sidewalk ^{1,5,6} Good (NO holes, sizable cracks, or crumbling or u Fair (Holes, sizable cracks, or crumbling or uneve	_	
of the street)	. 1	ATT Cd 11
OPoor (Holes, sizable cracks, or crumbling or uneversides of the street)	en pavement along	most of ALL of the side
Ounder construction		
ONo sidewalk present		
Are there trees along the street between the sidewalk and the	he street? ^{1,5,6}	
On 75% or more of the block face		
On 50-74% of the block face		
On 1-49% of the block face		
On 0% (none) of the block face		
On 0% (none) of the block face		

PHYSICAL DISORDER

Is there strewn garbage, lit space? ^{5,6}	ter, brok	ten glass, clothes o	r papers	on the block face in the street/sidewalk/or public
OHeavy				
OModerate				
$O_{ m Light}$				
O_{None}				
Ocan not evaluate				
Are there abandoned cars,	cars wit	h broken windows	, and/or r	run down cars? ¹
O_{Yes}	O	No	O	Can not evaluate
Is there graffiti on building	gs, signs	or walls? ¹		
O_{Yes}	O	No	O	Can not evaluate
Is there evidence of graffit	i that ha	s been painted ove	r? ¹	
O_{Yes}	O	No	0	Can not evaluate
Do any of the street signs a	appear to	o be almost unread	able due	to being badly faded or vandalized? ²
O_{Yes}	0	No	0	Can not evaluate

AMENITIES

Are there any ameni	ties on this s	treet?			
O_{Yes}	O	No			
Are any of the follow	wing public o	courtesies present on the	street ? (check all t	hat apply): ²	
·			Yes	No	No Amenities Visible
Trash cans (nonresi	dential) ²		0	0	0
Recycling bins (nor	nresidential)		O	0	0
Public phones ^{2,6}			0	0	0
Newspaper dispens	er ²		O	0	0
Restrooms ³			0	0	0
Vending machines ³			0	O	0
Furniture that is pres	sent on the st	reet (check all that appl	y): ³		
			Yes	No	No Amenities Visible
Benches (not a bus sitting ³	stop), chairs	and/or ledges for	0	0	0
Bus stops with seat	ing^3		O	O	0
Bike racks ³			0	0	O
Is a bike path or sign	n indicating a	n hike nath visible?			
Oyes	O	No			
Is there a tube entra	nce or a train	station on this street?			
O _{Yes}		No			
In general, how wor	ıld you rate tl	he condition of the tube	entrance/train statio	on of the street seg	gment?
OThe tube er	ntrance/train	station is in well kept/go	ood condition.		
OThe tube en	ntrance/train	station is in fair condition	on.		
OThe tube en	ntrance/train	station is in poor/badly	deteriorated condition	on.	
ONo tube en	trance/train s	tation present			

TYPES OF BUILDINGS

Rased	on street-level	frontage	is the land	lused on thi	s street in any	v of the follo	owing wave	check all t	hat annly)·1
Dascu	on succi-ic ver	nomage,	is the fame	i uscu on un	s succi in an	y of the folio	owing ways i	CHUCK an i	mai appry).

				Yes	No	
Residential				0	0	
Commercial/Busine	ess			\circ	O	
Industrial, Warehou	ıse, Manufact	uring		\circ	\circ	
Vacant Lots or Ope		C		\circ	\circ	
Institutional (schools, churches, etc.)				\circ	\circ	
Recreational Facilities, Parks or Playgrounds			s	0	0	
RESIDENTIA						2
The following types	of residential	housing ur	iits are present o	on this street (cl	neck all that apply): ¹	No residential
				Yes	No	units visible
Detached				\circ	O	O
Semi-Detached				\circ	O	O
Terrace				O	0	O
Mansion blocks				O	0	0
Low-rise private fla	ats			O	0	\circ
Low-rise Council e	state			0	O	0
Tower block counc	il estate			O	O	0
Are there any reside Oyes	ential units tha	nt have bar/g No	gratings on the o		vs? ¹ al units visible	
Are there any reside	ential units tha	at appear to	be burned out, l	ooarded up or al	bandoned? ^{1,2}	
O_{Yes}	О	No	О	No residentia	al units visible	
Are there any reside	ential units wh	ere the balc	conies are poorl	y kept or clutter	ed with personal effe	ects? ^{1,2}
O_{Yes}	\circ	No	\circ	No residentia	al units visible	

In general, how wo	ould you rate the	condition o	f most of the r	esidential units in the block face? ^{1,6}
OThe major	rity of residentia	ıl units are ir	well kept/goo	od condition
OThe major	rity of residentia	ıl units are ir	n fair condition	1
OThe major	rity of residentia	ıl units are ir	n poor/badly de	eteriorated condition
O _{No} reside	ntial units visibl	e		
Are there ANY res	idential units or	the street th	at appear to be	e in poor/badly deteriorated condition?
O_{Yes}	О	No	0	No residential units visible
In general, how wo	ould you rate the	condition o	f MOST of the	e residential front gardens on the block face? ^{2,6}
OThe major	rity of front resi	dential garde	ens are in well	kept/good condition
OThe major	rity of front resi	dential garde	ens are in fair o	condition
OThe major	rity of front resi	dential garde	ens are in poor	/badly deteriorated condition
O _{No reside}	ntial front garde	ns visible		
O _{No} reside	ntial units visibl	e		
Are there any reside	_	lens on the s	treet that appe	ar to have security measures, such as barbed wire or
O_{Yes}				
O_{No}				
O _{No} reside	ntial front garde	ns visible		
O _{No} reside	ntial units visibl	e		
Are there any resid	ential front gard	lens on the s	treet that appe	ar to be in poor/badly deteriorated condition?
O_{Yes}				
O_{No}				
ONo reside	ntial front garde	ns visible		
ONo reside	ntial units visibl	e		
What is the percen	tage of residenti	al units on tl	his street have	private driveways?
\bigcirc 75% of re	sidential units h	ave private o	driveways.	
O50-74% o	f residential uni	ts have priva	te driveways.	
$O_{1-49\% \text{ of}}$	residential units	have private	e driveways.	
O _{0%} (none) of residential u	nits have pr	ivate driveway	/S.
No racida	ntial units visibl	e		

COMMERCIAL AND BUSINESS LAND USE

Can any of these institutions or business be observed on this street? (check all that apply):

	Yes	No	No institutions visible
Church or Community Center ^{1,6}	0	0	О
Elementary or Secondary School or Religious School	0	O	O
Day care or preschool ^{3,6}	0	0	O
Library	0	0	О
Health or social services ^{3,6}	0	0	О
Police department or fire department ^{3,6}	0	0	O
Leisure centre	0	0	0

Can any of these businesses be observed on this street? (check all that apply):

	Yes	No	No business visible
Organic grocer/Fresh food market/stand ¹	0	О	О
Corner stores (Sainsbury/Tesco)	\circ	O	0
Low end grocery stores (TOT, Iceland)	\circ	O	0
High end supermarket (Waitrose)	\circ	O	0
Butchers shop	\circ	\circ	0
Fast food/Take out restaurant ^{1,6} (Fried chicken outlets)	0	O	0
Local pub	O	O	0
Hand car washes	\circ	O	0
Pound shops	\circ	0	0
Boutiques, independent shops	\circ	\circ	0

What type of pub is	visible?			
Operelict no	n-community	pub		
OCommunity	y pub			
OHigh-end g	astropub			
Ounsure	_			
ONo pubs vis	sible			
Are there any comm	ercial or indu	ıstrial propert	ties that have ba	r/gratings on doors or windows? ¹
O_{Yes}	0	No	O	No commercial units visible
Are there any comm	ercial or indu	strial propert	ties that appear	to be burned out, boarded up or abandoned? ^{1,2}
O_{Yes}	О	No	О	No commercial units visible
Are there any comm			ties that appear	to have pull down metal security blinds (grills) or iro
Oyes	О	No	0	No commercial units visible
Are there any comm	ercial or indu	ıstrial properi	ties with metal f	encing over head height? ¹
Oyes	0	No	О	No commercial units visible
	•		of most of the co	ommercial or industrial units on the block face? ^{1,6}
OThe majori				
			ly deteriorated o	ondition
	rcial units vis	•	•	
Are there any comm	ercial or indu	strial units o	n the street that	appear to be in poor/badly deteriorated condition?
O_{Yes}	\circ	No	\circ	No commercial units visible

RECREATIONAL FACILITIES

What kinds of recreational facilities or equipment are in the block face? (check all that apply)¹

	Yes	No	No recreational facilities visible
Park ⁶	О	O	О
Council Park	O	0	O
Playground equipment (i.e.,slide, swings) ⁶	O	0	О
Sports/playing fields/courts ⁶	0	0	О
Sports stands/seating	O	0	O
Pools ⁶	O	0	O
Recreation Centre	O	0	О
Tables and/or grills	0	0	O
Bike/walking trails	0	0	0
In general, how would you rate the condition of recreating Owell kept/good condition OFair condition OPoor/badly deteriorated condition ONo recreational facilities visible	onal facilities on the	block face? ¹	
VACANT LOTS AND OPEN SPACE In general, how would you rate the condition of vacant I Owell kept/good condition OFair condition Opoor/badly deteriorated condition Ono vacant lots or open spaces visible			ace? ⁵

SIGNS

Does this street segment conta	in signs?			
O_{Yes}) No			
Are any of the following signs	s related to residential	units visible? (check al	ll that apply):	1
		Visible	Not Visible	No Signs Visible
Neighborhood crime watch si	gns ^{1,6}	0	O	0
Alarm system/Security warning	ng signs ¹	O	0	0
Beware of dog ¹		O	0	0
Thanks for driving slowly/Ch	ildren at play	O	0	O
Thanks for not littering	O	0	O	
				'
What types of signs are visible	e in this segment? (che	eck all that apply):		
		Visible	Not Visible	No Signs Visible
Sign advertising beer, whiske labeling for business) ¹	y, or other alcohol (no	ot O	0	0
Sign advertising gambling/slo	ot machines	\circ	O	О
Sign advertising fast food (no	ot labeling for business	O	0	O
Signs in multiple languages ⁵		O	O	О
Inspirational/education saying	gs^2	O	0	0
Drug Free Zone ²		O	0	O

Visible	Not Visible	No Signs Visible
\bigcirc		No Signs visible
\cup	О	0
O	O	0
0	0	0
	sible	
ties?		
ole to be coded o	due to unreadable or	· blurry text.
No Signs Vi	isible	
	ties?	No Signs Visible

This street segment contains visible signs, but they are unable to be coded due to vandalism.

No

 O_{Yes}

No Signs Visible

PEOPLE

In front of home (ie front garden or vehicle)²

In front of a business²

Waiting for a bus²

Walking to a destination	on^2			\bigcirc	\bigcirc	\cap
				Visible	Not Visible	No People Visible
Visible people on the b	lock face a	appear to be	participating in	the following	activities (check all	that apply):
ONo people vis	ible					
O_{No}						
Oyes						
Is there any evidence o boarding)?	f kids part	icipating in p	physical activiti	es in the neigh	borhood (e.g., playir	ng ball games, skate-
Oyes	О	No	О	No people v	isible	
Is there any evidence o parent reason)? ¹	f people (2	2 or more) lo	oitering on the s	treet (e.g., just	hanging out or cong	regating for no ap-
$\mathcal{O}_{\mathrm{Yes}}$	O	No	O	No people v	isible	
Are any children visible	e on the bl	ock face?1				
$\mathcal{O}_{\mathrm{Yes}}$	\mathbf{O}	No				
Are people visible on the	he block fa	ice?				
A	L - L11 - C	ol				

OVERALL CONDITION OF NEIGHBORHOOD

This neighborhood appears to be a safe place to live
ODefinitely safe
OFairly safe
Ounsure
OFairly unsafe
Opefinitely unsafe
I would feel safe walking in this neighborhood at night
Opefinitely safe
OFairly safe
Ounsure
OFairly unsafe
Opefinitely unsafe
What is the percentage of cars that appear to be high end luxury vehicles in this neighborhood?
O75% of cars appear to be luxury vehicles.
O50-74% of cars appear to be luxury vehicles.
O1-49% of cars appear to be luxury vehicles.
\bigcirc 0% (none) of cars appear to be luxury vehicles.
Ono cars visible.
How would you rate the quality of the majority of cars visible on this street?
OHigh Quality
OModerate Quality
O _{Low Quality}
ONo cars visible
No cars visible
How would you rate the quality of the majority of cars visible on this street? OHigh Quality OModerate Quality OLow Quality

This neighborhood appears to be best characterized by:
Owealth/prosperity
Ocomfortably off
O _{Moderate} means
\bigcirc_{Poor}
Ounsure
This is a neighborhood that I could live in
Ostrongly Agree
O_{Agree}
Oundecided
Opisagree
Ostrongly Disagree
Please include any comments regarding the overall condition of the neighborhood and/or the suitability of the neighborhood for families and children?

GOOGLE STREET VIEW CHARACTERISTICS

The weather at the time	the Google Street View images were taken appeared to be:
OClear and Sunn	y
OSunny with Clo	puds
OClouds without	visible Sun
OUnable to evalu	ate
The Google Street View	images appeared to be taken at the following time of day:
OMorning	
OAfternoon	
OEvening	
OUnable to evalu	ate
multiple time points stite Oyes	nsistencies in the Google Street View images for this street segment? (e.g., images from ched together, missing portions of the street segment) No No nsistencies in the Google Street View images:

FINAL CHECKLIST (Question Pro)

Observer Identification #:
What is the Subject ID#:
Did you make any mistakes in coding on the instrument that you would like to go back and amend?
O _{Yes} O No
What section of the survey would you like to go back and amend your response to?
Oldentifying Features
Ostreet Features
Osidewalk Features
OPhysical Disorder
OAmenities
Otypes of Buildings
OResidential Land Use
OBusiness/Commercial Land Use
ORecreational Facilities
Ovacant Lots/Open Spaces
OPeople
Overall Condition of Neighborhood
OGoogle Street View Characteristics

Click the Finished button to submit your response and be redirected to the start of the instrument.

FINISHED