

Name of Instrument: **Built Environment Site Survey Checklist (BESSC)**

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Privacy Use Cost: \$

Public Use Cost: \$

Year Developed: 2000

Where to obtain Instrument:

- Reference article

Description of the Instrument

- The Built Environment Site Survey Checklist (BESSC) comprised a standardized list of items to be rated.
- Items included:
 - Predominant form, height and age of housing
 - Number of dwellings
 - Type of access
 - Provision of gardens
 - Use of public space
 - Amount of derelict land
 - Security
 - Accessibility of local shops and amenities.
- 25 out of 27 items in the BESSC had fixed categorical responses.
- The two remaining items required the researcher to rank features of the built environment and to estimate the distance from the centre of the 'housing area' to a range of amenities.

Form of instrument:

- Checklists
- Home hazard Appraisal

Method of delivery:

- In-person interview/assessment
- Other: estimation of distance between the centre of the 'housing area' to different amenities.

Relevance to injury/ Percentage of the instrument specific to injury

- The instrument aids in assessing environmental variables that may be associated with risk of injury.

Time to administer or complete the instrument**Methods of data analyses:**

- Quantitative
- Qualitative

Setting/sample instrument used in:

- N = 1902 individuals living within the wards included for the study.

Was it pilot tested? Yes

Pilot test sample:

- No further information mentioned within the article.

Reliability Measures

- Inter-rater reliability – kappa ≥ 0.50 (15 out of 25 categorical BESSC items)
- Intra-class correlation coefficients exceed 0.6 for 3 continuous measures.

Validity Measures

- Ratings on several BESSC items were significantly associated with prevalence of depression and residents' dissatisfaction with their area as a place to live.

Reference

Weich, S., Burton, E., Blanchard, M., Prince, M., Sproston, K., & Erens, B. (2001). Measuring the built environment: Validity of a site survey instrument for use in urban settings. *Health & Place*, 7, 283-292.

Other References

Keywords: built environment, safety, health, housing.