India household survey questions aligned to the POSHAN Abhiyaan interventions

Rationale and Purpose

Different metrics and data collection tools are used to track nutrition interventions and outcomes by government stakeholders, research organizations, and development partners in India, through large-scale surveys and impact evaluations. Ideally, measurement for monitoring progress by nutrition stakeholders should be harmonized with the national nutrition program. Using the list of indicators for the interventions, determinants and outcomes articulated in the POSHAN (Prime Minister’s Overarching Scheme for Holistic Nourishment) Abhiyaan developed by NITI Aayog, IDinsight and IFPRI, we have compiled survey questions aligned to each nutrition intervention in an Excel file (attached).

The purpose of the compilation of survey questions is to provide a resource for measuring coverage of nutrition interventions as well as the related determinants and outcomes in India. This reference document is a work-in-progress that may be used in planning large-scale household surveys in India by national, state, and district-level government stakeholders, development partners, and research organizations.
The compilation of household survey questions includes a set of questions across interventions, immediate and underlying determinants, and outcome indicators. Our design process involved the following steps:

1) Organize the template by indicators on intervention coverage, immediate and underlying determinants, and outcomes:

We organized information from the POSHAN Abhiyaan monitoring framework into separate worksheets. The worksheet is organized by a list of indicators, proposed questions for each intervention, response to question asked, source of proposed question, recall period for a question, and survey respondents.

2) Review large-scale household survey questionnaires:

We reviewed household and women questionnaires of National Family Health Survey (NFHS-5, 2019-20; NFHS-4, 2015-2016), Comprehensive National Nutrition Survey (CNNS 2016-18), UDAYA (Understanding the lives of Adolescents and Young Adults) Adolescent Survey, Bihar and Uttar Pradesh, 2015-2016 by Population Council, and Alive & Thrive Maternal Nutrition study in Uttar Pradesh by IFPRI. We also referred to global survey questionnaires and modules - Demographic Health Survey - 8, Food Insecurity Experience Scale (FIES) for measuring food security, Minimum Dietary Diversity for Women (MDD-W) and the WHO guidance for measuring IYCF (Infant and Young Child Feeding) indicators.

3) Collate survey questions by indicator:

From the survey questionnaires, we extracted the appropriate core survey questions aligned to indicators. Most survey questions are close ended.

4) Propose questions for missing information in existing survey questionnaires:

For interventions where questions were not available in existing survey questionnaires, potential questions were proposed based on adaptation from similar questions.
**Figure 1: Interventions, immediate and underlying determinants targeted by POSHAN Abhiyaan**  
(Source: Menon et al., 2020)

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<th>Lifecycle Stage</th>
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<th>立即决定因素</th>
<th>深层决定因素</th>
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<td>用改善卫生设施的护理女孩</td>
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<td>全免疫</td>
<td>口服补液盐（ORS）治疗腹泻</td>
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**BRIEF**

- **Early Childhood**
  - 全免疫
  - 维生素A补充
  - 儿童期IFA补充
  - 驱虫
  - 关于辅食和补充的指导
  - 食品补充
  - 增长监测
  - 关于营养状况的指导
  - 识别严重急性营养不良（SAM）和转诊的儿童
  - 口服补液盐（ORS）治疗腹泻
  - 饮食补充
  - 口腔健康
  - 儿童期IFA补充
  - 用改善卫生设施的护理女孩
  - 家庭计划支持生育间隔

- **Adolescence**
  - 铁和叶酸（IFA）补充
  - 驱虫
  - 食品补充
  - 健康饮食
  - 无疾病

- **Preconception**
  - IFA 补充
  - 避孕
  - 食品强化
  - 健康饮食
  - 无疾病

- **Pregnancy**
  - 母亲和儿童保护（MCP）卡
  - 儿童免疫
  - 铁和叶酸（IFA）补充
  - 驱虫
  - 钙补充
  - 驱虫
  - 防治疟疾
  - 食品补充
  - 钙补充
  - 健康饮食
  - 无疾病

- **Delivery & Postnatal period**
  - 家庭计划
  - 机构分娩
  - 技术助产士
  - 现金转移/财务援助
  - 紧急生殖系统
  - 食品补充
  - 乳房有益
  - 出生后支持
  - 细胞愈合
  - 特别照顾低出生体重婴儿
  - 脐带和小新生儿的护理
  - 新生儿护理
  - IFA补充
  - 钙补充
  - 健康饮食
  - 无疾病
  - 预防保健

- **BRIEF**
  - 使用改善卫生设施的护理女孩
  - 安全处理粪便
  - 安全水和手洗
  - 无贫困
  - 食品安全
  - 家庭计划支持生育间隔

- **BRIEF**
  - 使用改善卫生设施的护理女孩
  - 安全处理粪便
  - 安全水和手洗
  - 无贫困
  - 食品安全
  - 家庭计划支持生育间隔
Use of compilation of the household survey questions

This compilation of questions is designed to provide a ready reference for researchers or organizations who are planning or conducting household surveys. To promote methodological research and harmonization, questionnaires should be designed in accordance with standardized questions, response options, recall periods, and respondent types. This will also help to optimize measures that align with the interventions targeted under POSHAN Abhiyaan.

For example, for anemia among pregnant women, refer to: (1) the intervention coverage worksheet for IFA supplementation, (2) the worksheet on immediate determinants for information on consumption of IFA supplements among pregnant women, and (3) the outcomes worksheet for indicator details on anemia among pregnant women.

References


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