Data Dictionary

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| **Column** | **Description** |
| ID | Number of questionnaire (Responder’s number) |
| Restaurant | Type of restaurant the responder has been working, 1 refer to those who are working in a ‘tamsang’ restaurant, 2 refer to those who are working in a noodle restaurant, 3 refer to those who are working in a barbecue stall, and 4 refer to those who are working in a papaya salad restaurant |
| Gender | Gender/sex of the responder, 1 refer to male, 2 refer to female |
| Age (yr) | Age in year of each responder |
| Height (cm) | Height in centimeter of each responder  |
| Weight (kg) | Weight in kilogram of each responder  |
| BMI (kg/m2) | Body Mass Index (BMI) value of each responder (kg/m2) |
| BMI\_gr | Responders’ BMI category: 1 refer to those with a BMI less than 18.5 kg/m2, 2 refer to those with a BMI 18.5-22.9 kg/m2, 3 refer to those with a BMI 23.0–24.9 kg/m2, 4 refer to those with a BMI 25.0–29.9 kg/m2, and 5 refer to those with a BMI 30 kg/m2 or more |
| Marital | Marital status of the responders, 1 refer to those who are single, 2 refer to those who are married, 3 refer to those who are divorced/ spouse passed away/ separated |
| Education | Education level completed by the responders, 1 refer to those who do not attend school, 2 refer to those who finished primary school, 3 are those who finished high school, 4 are those who have college or university degree |
| Smoking | Tobacco use by responders, 1 refer to those who are currently a cigarette smoker, 2 are ex-smoker, 3 refer those who have never smoked a cigarette |
| Job | Job description of the responders, 1 refer to those who working as a cook or chef, 2 refer to those who working as a waitress/ chef assistance/ or others |
| Jobyear | Responders’ years of working in this job, 1 refer to those who have been working for 1-4 years, 2 refer to those who have been working for 5-10 years, 3 refer to those who have been working for 11 years or more |
| Cook@home | Frequency of responders’ cooking at home, 1 refer to those who almost always cook at home, 2 refer to those who sometimes cook at home, 3 refer to those who rarely cook at home |
| TWC | Frequency of Tears while cooking (TWC) experienced by responders, 1 refer to those who almost always have TWC, 2 are those who sometimes have TWC, 3 are those who rarely have TWC |
| Cookingfuel | Types of cooking fuel the responders usually used for cooking, 1 refer to those who use LPG/electricity, 2 refer to those who use biomass (charcoal) |
| UsingHood | Using of the ventilation hood by responders, 1 refer to those who use ventilation hood, 2 refer to those who do not use ventilation hood |
| KitchenType | Responder working in different types of kitchens, 1 refer to those who work in an outdoor kitchen, 2 refer to those who work in an enclosed kitchen  |
| KitchenArea | Area of the kitchen in square meters |
| KitArea\_gr | Responder working in different sizes of a kitchen, 1 refer to those who work in a kitchen with 1-6 m2, 2 refer to those who work in a kitchen with 7 m2 or more |
| CookOil | Responder’s choice for cooking oil, 1 refer to those who use soybean, 2 are those who use palm oil, 3 are those who use lard |
| Cough | Responder who has a chronic cough, 0 refer to those who do not have a chronic cough, 1 refer to those who have a chronic cough |
| Phlegm | Responder who has a chronic phlegm, 0 refer to those who do not have a chronic phlegm, 1 refer to those who have a chronic phlegm |
| Wheez | Responder who has wheezing, 0 refer to those who do not have wheezing, 1 refer to those who have wheezing |
| Dyspnea | Responder who has a moderate dyspnea, 0 refer to those who do not have a moderate dyspnea, 1 refer to those who have a moderate dyspnea |
| SevereDysp | Responder who has a severe dyspnea, 0 refer to those who do not have a severe dyspnea, 1 refer to those who have a severe dyspnea |
| PEFR1 | Peak expiratory flow rate (PEFR) value measuring the first time |
| PEFR2 | Peak expiratory flow rate (PEFR) value measuring the second time |
| PEFR3 | Peak expiratory flow rate (PEFR) value measuring the third time |
| PEFR\_Avg | An average PEFR from the three measurements |
| PEFRMax | The highest PEFR of the three measurements |
| PEFRStd | Standard PEFR for Thai people |
| PEFR\_percentage | Percentage of PEFR, PEFRMax/PEFRStd\*100 |
| PEFRLow | Responder with low PEFR (less than 80%), 0 refer to those who do not have low PEFR, 1 refer to those who have low PEFR  |
| Note: Each column represents one individual |