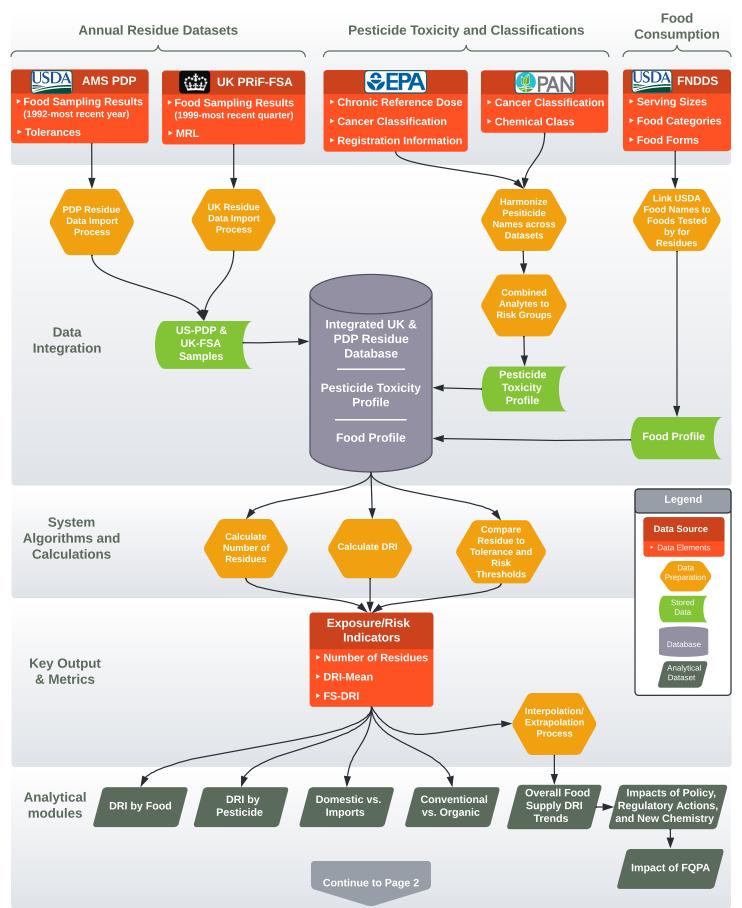


DRI Data Sources and Computations

Heartland Health Research Alliance | May 19, 2022





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Analytical Modules

DRI by Food

DRI by Pesticide Domestic vs. Imports

Conventional vs. Organic

Overall Food Supply DRI Trends Impacts of Policy, Regulatory Actions, and New Chemistry

Filter All Samples by Combinations of Selection Criteria

Selection Criteria

Foods

- ► Individual Food
- ► Food Groups
- ► All Foods

Pesticides

- ► Analyte
- ► Risk Group
- ► Chemical Class
- ► Al Type
- ► Banned Organochlorines
- Post-Harvest Fungicides

Sample Origin

- ► All Origins
- **▶ U.S. Domestic**
- ► Imported into U.S.
- ► Imported to U.S by Individual Country
- ▶ U.K. Domestic
- ► EU Imports into U.K.
- Non-EU Imports into U.K.

Market Cliam

- ► All Market Claims
- **▶** Conventional
- **▶** Organic

Rule of 10

- ▶ Yes
- ▶ No

Aggregate By

Levels of Aggregation

Individual Samples

- ► Individual Analyte Residues & DRI
- Summary Statistics: Number of Residues & DRI

Annual Averages

- ► By Food: All Pesticide Residues in a Food
- ► By Pesticide: All Foods with Pesticide Residues

Food Supply

► Residues plus Aggregate DRI Across All Foods and Pesticides

Trends Over Time

- ► Year to Year
- Comparisons Between Time Periods

Output Options

Output Tables and Analytical Options

Interactive Look-Up Tables (Several 100,000 Options)

- From Most Recent Year to Oldest Year
- ▶ View Online
- ► Download Data Files



Special Applications

- By Food Forms and Food Groups
- By Pesticide and Chemical Class
- ► Impact of Regulations
- Impacts of IPM and Production Systems

Published Papers

- Methodology/Analytical Concepts
- ► Where are the Risks?
- How have Risk Levels and Distributions Changed?
- ➤ Dietary Exposure Estimates for Epidemiological Studies
- Identifying Relatively Low-Risk Sources of Foods, and Food Ingredients; Avoiding High-Risk Foods and Pesticides