

HEALTH RESEARCH PRIORITIES FOR 12TH MALAYSIA PLAN (12MP-HRP)

RESEARCH UPTAKE (2021-2023):

NUTRITION, FOOD SAFETY & QUALITY

PRESENTER: MS. RUSIDAH SELAMAT



**HEALTH RESEARCH
PRIORITIES FOR
12TH MALAYSIA PLAN
(12MP-HRP) 2021-2025**

TECHNICAL WORKING GROUP (TWG)

**NUTRITION,
FOOD SAFETY &
QUALITY**

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- **Mr. Mohd Khaidir Abd Hamid**
- **Ms. Laila Rabaah Ahmad Suhaimi**

NATIONAL PROBLEM

NUTRITION, FOOD SAFETY & QUALITY

a) NUTRITION*:

- Maternal and young child nutrition
- National food and nutrition situation
- Life course approach to food intake and dietary practices
- Nutritional deficiencies and excesses
- Overweight and obesity
- Diet-related non-communicable diseases
- Nutrient and non-nutrient composition of food

b) FOOD SAFETY & QUALITY:

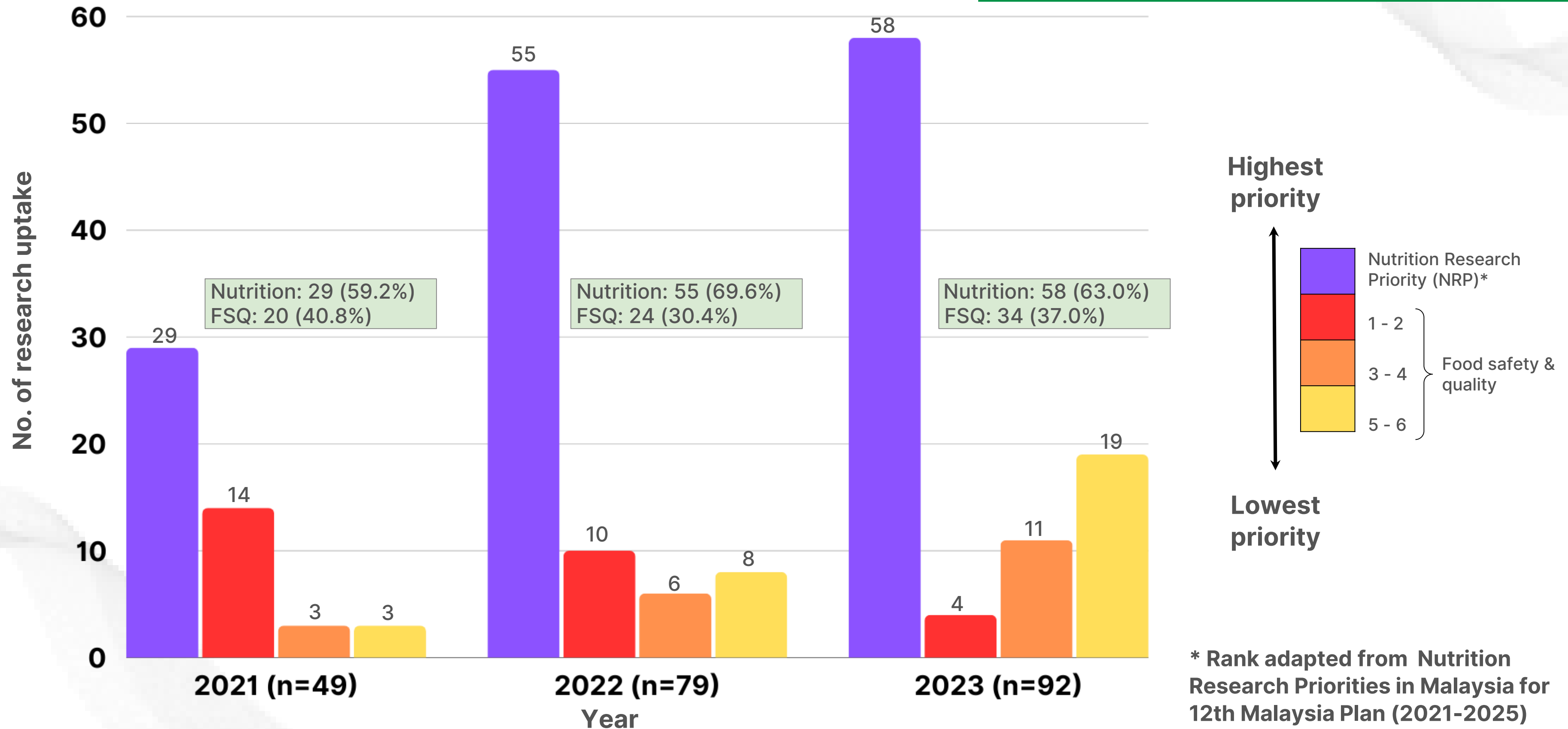
- Food safety status and health risks
- Food safety culture
- Food fraud
- Food safety system
- New advance technology

*National problem, research scope, gaps and needs, focus area, expected outcome and rank were adapted from Nutrition Research Priorities in Malaysia for 12th Malaysia Plan (2021-2025)

RESEARCH UPTAKE 2021-2023 (N=220)

*From NMRR Registration

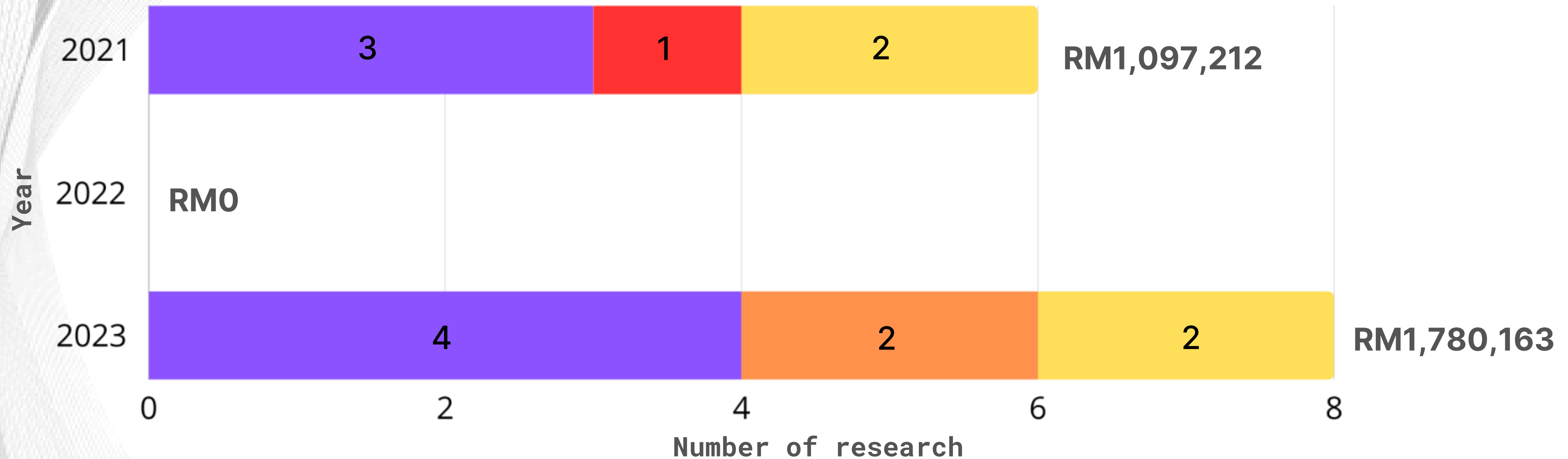
NUTRITION, FOOD SAFETY & QUALITY



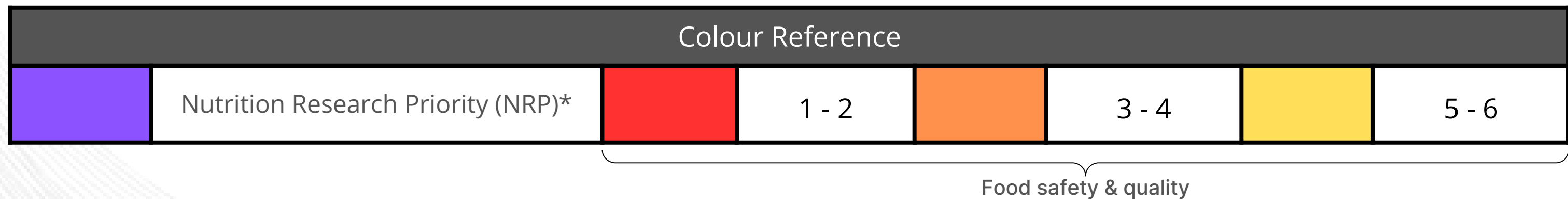
RESEARCH UPTAKE 2021-2023

MOH Research Grant (MRG)
14/220 (6.4%) - RM 2,877,375

NUTRITION, FOOD SAFETY & QUALITY



*Rank adapted from Nutrition Research Priorities in Malaysia for 12th Malaysia Plan (2021-2025)



NUTRITION, FOOD SAFETY & QUALITY

SUMMARY ON RESEARCH UPTAKE (2021-2023)

a) Nutrition:

Highest research uptakes on **purple range** (NRP) throughout the years, mainly covers on these scopes:

- Maternal, infant and young child nutrition
- Life course approach to food intake & dietary practices
- Overweight and obesity

b) Food Safety & Quality:

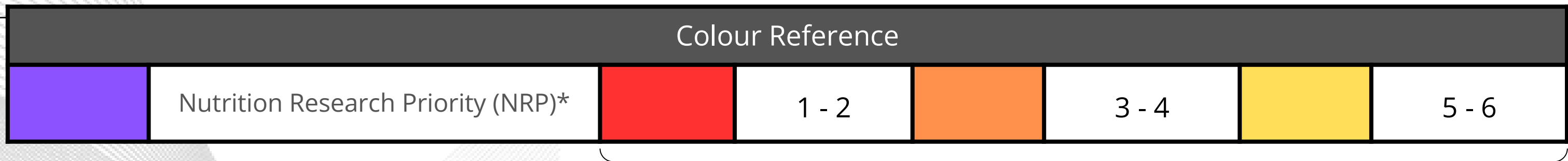
Research uptakes **decreases** on **red range**:

- Food Safety - Microbial & Chemical hazard

Research uptakes **increases** on **yellow range**:

- Supplement - Safety

*Rank adapted from
Nutrition Research
Priorities in Malaysia
for 12th Malaysia Plan
(2021-2025)



Food safety & quality

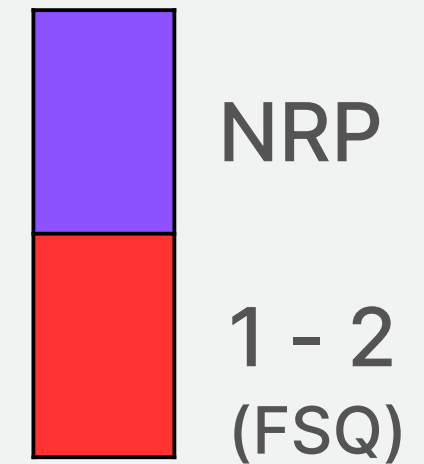
RECOMMENDATIONS OF RESEARCH SCOPE

NUTRITION, FOOD SAFETY & QUALITY

a) Nutrition

⚙️ LIFE COURSE APPROACH TO FOOD INTAKE AND DIETARY PRACTICES

Research Scope: Identification/ development of effective strategies/
Interventions to improve diet quantity & quality



b) Food Safety & Quality

⚙️ FOOD SAFETY STATUS AND HEALTH RISK

Research Scope: Evidence based food safety information to prevent foodborne
illness and protect public health

***Recommendations based on research uptake 2021 – 2023**





THANK YOU