Mapping food system instutions and policies

HEMA Aboubacar

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# Institutions by region

|  | **Number (%)** |
| --- | --- |
| Region |  |
| Agadez | 35 (10.20%) |
| Diffa | 30 (8.75%) |
| Dosso | 35 (10.20%) |
| Maradi | 36 (10.50%) |
| Tahoua | 65 (18.95%) |
| Tillabéri | 43 (12.54%) |
| Zinder | 43 (12.54%) |
| C.U.Niamey | 56 (16.33%) |
| 1n (%) | |

# Institutions by domain

| food systems impact areas | **Percentage** |
| --- | --- |
| *Nutrition, health, and food, security* | 72 |
| *Poverty reduction, livelihoods, and jobs* | 64 |
| *Gender equality, youth, and social inclusion* | 30 |
| *Climate adaptation and mitigation* | 19 |
| *Environmental health and biodiversity* | 17 |
|  | |

In this section we categorize and summarize institutions by type, size, role, food components

# Nutrition, health, and food security

## Role

| Institutions role in Nutrition, health, and food security area | **N** | **Overall**, N = 3431 | **N** | **No**, N = 951 | **N** | **Yes**, N = 2481 |
| --- | --- | --- | --- | --- | --- | --- |
| *Support for agriculture and food security* | 343 | 0.73 | 95 | 0.40 | 248 | 0.86 |
| *Managing natural resources* | 343 | 0.30 | 95 | 0.17 | 248 | 0.35 |
| *Combating malnutrition* | 343 | 0.06 | 95 | 0.05 | 248 | 0.06 |
| *Food information systems* | 343 | 0.10 | 95 | 0.16 | 248 | 0.08 |
| *Capacity building* | 343 | 0.16 | 95 | 0.08 | 248 | 0.19 |
| *Support for food governance* | 343 | 0.37 | 95 | 0.31 | 248 | 0.39 |
| *Environmental education* | 343 | 0.06 | 95 | 0.03 | 248 | 0.07 |
| *Protecting biodiversity* | 343 | 0.06 | 95 | 0.03 | 248 | 0.07 |
| *Climate change adaptation* | 343 | 0.19 | 95 | 0.20 | 248 | 0.18 |
| *Collaboration with other ministries* | 343 | 0.04 | 95 | 0.03 | 248 | 0.04 |
| *Regulation and compliance* | 343 | 0.07 | 95 | 0.00 | 248 | 0.10 |
| *Other ( specify )* | 343 | 0.20 | 95 | 0.32 | 248 | 0.15 |
| 1Mean | | | | | | |

## Food components

| Food components in Nutrition, health, and food security area | **N** | **Overall**, N = 3431 | **N** | **No**, N = 951 | **N** | **Yes**, N = 2481 |
| --- | --- | --- | --- | --- | --- | --- |
| *Inputs access* | 343 | 0.38 | 95 | 0.23 | 248 | 0.44 |
| *Production (primary)* | 343 | 0.48 | 95 | 0.24 | 248 | 0.57 |
| *Processing* | 343 | 0.44 | 95 | 0.29 | 248 | 0.49 |
| *Packaging* | 343 | 0.17 | 95 | 0.12 | 248 | 0.19 |
| *Distribution and retailing* | 343 | 0.34 | 95 | 0.24 | 248 | 0.38 |
| *Consumption* | 343 | 0.43 | 95 | 0.32 | 248 | 0.47 |
| *Food availability* | 343 | 0.19 | 95 | 0.06 | 248 | 0.24 |
| *Access to food : Affordability* | 343 | 0.22 | 95 | 0.09 | 248 | 0.27 |
| *Nutritional value* | 343 | 0.30 | 95 | 0.13 | 248 | 0.37 |
| *Food safety* | 343 | 0.36 | 95 | 0.19 | 248 | 0.43 |
| *Water* | 343 | 0.09 | 95 | 0.02 | 248 | 0.12 |
| *Weather* | 343 | 0.02 | 95 | 0.01 | 248 | 0.02 |
| *Gas emission* | 343 | 0.01 | 95 | 0.01 | 248 | 0.02 |
| *Land and soil* | 343 | 0.12 | 95 | 0.02 | 248 | 0.16 |
| *Pollution* | 343 | 0.05 | 95 | 0.02 | 248 | 0.06 |
| *Trade* | 343 | 0.38 | 95 | 0.41 | 248 | 0.38 |
| *Income growth and distribution* | 343 | 0.06 | 95 | 0.01 | 248 | 0.07 |
| *Demographic shifts* | 343 | 0.02 | 95 | 0.00 | 248 | 0.03 |
| *Leadership and Governance* | 343 | 0.09 | 95 | 0.08 | 248 | 0.10 |
| *Socio-cultural context* | 343 | 0.06 | 95 | 0.12 | 248 | 0.04 |
| *Social protection* | 343 | 0.11 | 95 | 0.14 | 248 | 0.10 |
| *Energy* | 343 | 0.01 | 95 | 0.01 | 248 | 0.01 |
| *Science and technology* | 343 | 0.06 | 95 | 0.04 | 248 | 0.06 |
| *Investment* | 343 | 0.08 | 95 | 0.04 | 248 | 0.09 |
| *Equity* | 343 | 0.06 | 95 | 0.08 | 248 | 0.05 |
| *Other ( specify )* | 343 | 0.06 | 95 | 0.13 | 248 | 0.04 |
| 1Mean | | | | | | |

# Poverty reduction, livelihoods, and jobs

## Role

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 1221 | **N** | **Yes**, N = 2211 |
| --- | --- | --- | --- | --- | --- | --- |
| *Support for agriculture and food security* | 199 | 0.71 | 31 | 0.55 | 168 | 0.74 |
| *Managing natural resources* | 199 | 0.40 | 31 | 0.29 | 168 | 0.42 |
| *Combating malnutrition* | 199 | 0.09 | 31 | 0.13 | 168 | 0.08 |
| *Food information systems* | 199 | 0.12 | 31 | 0.06 | 168 | 0.13 |
| *Capacity building* | 199 | 0.26 | 31 | 0.16 | 168 | 0.27 |
| *Support for food governance* | 199 | 0.52 | 31 | 0.42 | 168 | 0.54 |
| *Environmental education* | 199 | 0.08 | 31 | 0.06 | 168 | 0.08 |
| *Protecting biodiversity* | 199 | 0.09 | 31 | 0.06 | 168 | 0.10 |
| *Climate change adaptation* | 199 | 0.28 | 31 | 0.16 | 168 | 0.30 |
| *Collaboration with other ministries* | 199 | 0.04 | 31 | 0.03 | 168 | 0.04 |
| *Regulation and compliance* | 199 | 0.07 | 31 | 0.06 | 168 | 0.07 |
| *Other ( specify )* | 199 | 0.20 | 31 | 0.32 | 168 | 0.18 |
| 1Mean | | | | | | |

## Food components

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 1221 | **N** | **Yes**, N = 2211 |
| --- | --- | --- | --- | --- | --- | --- |
| *Inputs access* | 199 | 0.50 | 31 | 0.45 | 168 | 0.51 |
| *Production (primary)* | 199 | 0.55 | 31 | 0.42 | 168 | 0.57 |
| *Processing* | 199 | 0.45 | 31 | 0.23 | 168 | 0.49 |
| *Packaging* | 199 | 0.18 | 31 | 0.13 | 168 | 0.19 |
| *Distribution and retailing* | 199 | 0.38 | 31 | 0.19 | 168 | 0.41 |
| *Consumption* | 199 | 0.39 | 31 | 0.23 | 168 | 0.42 |
| *Food availability* | 199 | 0.25 | 31 | 0.16 | 168 | 0.26 |
| *Access to food : Affordability* | 199 | 0.24 | 31 | 0.19 | 168 | 0.25 |
| *Nutritional value* | 199 | 0.28 | 31 | 0.19 | 168 | 0.30 |
| *Food safety* | 199 | 0.39 | 31 | 0.39 | 168 | 0.39 |
| *Water* | 199 | 0.11 | 31 | 0.19 | 168 | 0.10 |
| *Weather* | 199 | 0.03 | 31 | 0.03 | 168 | 0.03 |
| *Gas emission* | 199 | 0.03 | 31 | 0.00 | 168 | 0.03 |
| *Land and soil* | 199 | 0.16 | 31 | 0.13 | 168 | 0.17 |
| *Pollution* | 199 | 0.06 | 31 | 0.06 | 168 | 0.06 |
| *Trade* | 199 | 0.44 | 31 | 0.13 | 168 | 0.49 |
| *Income growth and distribution* | 199 | 0.09 | 31 | 0.03 | 168 | 0.10 |
| *Demographic shifts* | 199 | 0.04 | 31 | 0.03 | 168 | 0.04 |
| *Leadership and Governance* | 199 | 0.09 | 31 | 0.06 | 168 | 0.10 |
| *Socio-cultural context* | 199 | 0.09 | 31 | 0.06 | 168 | 0.09 |
| *Social protection* | 199 | 0.18 | 31 | 0.29 | 168 | 0.15 |
| *Energy* | 199 | 0.01 | 31 | 0.00 | 168 | 0.01 |
| *Science and technology* | 199 | 0.07 | 31 | 0.06 | 168 | 0.07 |
| *Investment* | 199 | 0.15 | 31 | 0.03 | 168 | 0.17 |
| *Equity* | 199 | 0.08 | 31 | 0.13 | 168 | 0.07 |
| *Other ( specify )* | 199 | 0.03 | 31 | 0.03 | 168 | 0.03 |
| 1Mean | | | | | | |

# Gender equality, youth, and social inclusion

## Role

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2391 | **N** | **Yes**, N = 1041 |
| --- | --- | --- | --- | --- | --- | --- |
| *Support for agriculture and food security* | 95 | 0.63 | 29 | 0.69 | 66 | 0.61 |
| *Managing natural resources* | 95 | 0.44 | 29 | 0.55 | 66 | 0.39 |
| *Combating malnutrition* | 95 | 0.21 | 29 | 0.03 | 66 | 0.29 |
| *Food information systems* | 95 | 0.19 | 29 | 0.10 | 66 | 0.23 |
| *Capacity building* | 95 | 0.21 | 29 | 0.24 | 66 | 0.20 |
| *Support for food governance* | 95 | 0.47 | 29 | 0.55 | 66 | 0.44 |
| *Environmental education* | 95 | 0.17 | 29 | 0.28 | 66 | 0.12 |
| *Protecting biodiversity* | 95 | 0.18 | 29 | 0.24 | 66 | 0.15 |
| *Climate change adaptation* | 95 | 0.23 | 29 | 0.24 | 66 | 0.23 |
| *Collaboration with other ministries* | 95 | 0.08 | 29 | 0.10 | 66 | 0.08 |
| *Regulation and compliance* | 95 | 0.09 | 29 | 0.17 | 66 | 0.06 |
| *Other ( specify )* | 95 | 0.20 | 29 | 0.07 | 66 | 0.26 |
| 1Mean | | | | | | |

## Food components

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2391 | **N** | **Yes**, N = 1041 |
| --- | --- | --- | --- | --- | --- | --- |
| *Inputs access* | 95 | 0.51 | 29 | 0.48 | 66 | 0.52 |
| *Production (primary)* | 95 | 0.53 | 29 | 0.62 | 66 | 0.48 |
| *Processing* | 95 | 0.49 | 29 | 0.45 | 66 | 0.52 |
| *Packaging* | 95 | 0.20 | 29 | 0.17 | 66 | 0.21 |
| *Distribution and retailing* | 95 | 0.36 | 29 | 0.48 | 66 | 0.30 |
| *Consumption* | 95 | 0.38 | 29 | 0.41 | 66 | 0.36 |
| *Food availability* | 95 | 0.31 | 29 | 0.38 | 66 | 0.27 |
| *Access to food : Affordability* | 95 | 0.27 | 29 | 0.38 | 66 | 0.23 |
| *Nutritional value* | 95 | 0.29 | 29 | 0.45 | 66 | 0.23 |
| *Food safety* | 95 | 0.43 | 29 | 0.59 | 66 | 0.36 |
| *Water* | 95 | 0.13 | 29 | 0.14 | 66 | 0.12 |
| *Weather* | 95 | 0.06 | 29 | 0.10 | 66 | 0.05 |
| *Gas emission* | 95 | 0.08 | 29 | 0.07 | 66 | 0.09 |
| *Land and soil* | 95 | 0.23 | 29 | 0.38 | 66 | 0.17 |
| *Pollution* | 95 | 0.16 | 29 | 0.17 | 66 | 0.15 |
| *Trade* | 95 | 0.31 | 29 | 0.14 | 66 | 0.38 |
| *Income growth and distribution* | 95 | 0.11 | 29 | 0.07 | 66 | 0.12 |
| *Demographic shifts* | 95 | 0.07 | 29 | 0.03 | 66 | 0.09 |
| *Leadership and Governance* | 95 | 0.14 | 29 | 0.00 | 66 | 0.20 |
| *Socio-cultural context* | 95 | 0.15 | 29 | 0.03 | 66 | 0.20 |
| *Social protection* | 95 | 0.23 | 29 | 0.14 | 66 | 0.27 |
| *Energy* | 95 | 0.02 | 29 | 0.00 | 66 | 0.03 |
| *Science and technology* | 95 | 0.06 | 29 | 0.03 | 66 | 0.08 |
| *Investment* | 95 | 0.18 | 29 | 0.00 | 66 | 0.26 |
| *Equity* | 95 | 0.25 | 29 | 0.03 | 66 | 0.35 |
| *Other ( specify )* | 95 | 0.04 | 29 | 0.03 | 66 | 0.05 |
| 1Mean | | | | | | |

# Climate adaptation and mitigation

## Role

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2781 | **N** | **Yes**, N = 651 |
| --- | --- | --- | --- | --- | --- | --- |
| *Support for agriculture and food security* | 45 | 0.60 | 10 | 0.70 | 35 | 0.57 |
| *Managing natural resources* | 45 | 0.44 | 10 | 0.40 | 35 | 0.46 |
| *Combating malnutrition* | 45 | 0.27 | 10 | 0.20 | 35 | 0.29 |
| *Food information systems* | 45 | 0.31 | 10 | 0.30 | 35 | 0.31 |
| *Capacity building* | 45 | 0.31 | 10 | 0.30 | 35 | 0.31 |
| *Support for food governance* | 45 | 0.60 | 10 | 0.60 | 35 | 0.60 |
| *Environmental education* | 45 | 0.31 | 10 | 0.20 | 35 | 0.34 |
| *Protecting biodiversity* | 45 | 0.16 | 10 | 0.10 | 35 | 0.17 |
| *Climate change adaptation* | 45 | 0.20 | 10 | 0.40 | 35 | 0.14 |
| *Collaboration with other ministries* | 45 | 0.07 | 10 | 0.00 | 35 | 0.09 |
| *Regulation and compliance* | 45 | 0.24 | 10 | 0.20 | 35 | 0.26 |
| *Other ( specify )* | 45 | 0.22 | 10 | 0.10 | 35 | 0.26 |
| 1Mean | | | | | | |

## Food components

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2781 | **N** | **Yes**, N = 651 |
| --- | --- | --- | --- | --- | --- | --- |
| *Inputs access* | 45 | 0.51 | 10 | 0.50 | 35 | 0.51 |
| *Production (primary)* | 45 | 0.51 | 10 | 0.50 | 35 | 0.51 |
| *Processing* | 45 | 0.51 | 10 | 0.60 | 35 | 0.49 |
| *Packaging* | 45 | 0.22 | 10 | 0.20 | 35 | 0.23 |
| *Distribution and retailing* | 45 | 0.40 | 10 | 0.50 | 35 | 0.37 |
| *Consumption* | 45 | 0.38 | 10 | 0.30 | 35 | 0.40 |
| *Food availability* | 45 | 0.42 | 10 | 0.20 | 35 | 0.49 |
| *Access to food : Affordability* | 45 | 0.31 | 10 | 0.10 | 35 | 0.37 |
| *Nutritional value* | 45 | 0.31 | 10 | 0.30 | 35 | 0.31 |
| *Food safety* | 45 | 0.49 | 10 | 0.50 | 35 | 0.49 |
| *Water* | 45 | 0.22 | 10 | 0.20 | 35 | 0.23 |
| *Weather* | 45 | 0.11 | 10 | 0.00 | 35 | 0.14 |
| *Gas emission* | 45 | 0.11 | 10 | 0.00 | 35 | 0.14 |
| *Land and soil* | 45 | 0.58 | 10 | 0.40 | 35 | 0.63 |
| *Pollution* | 45 | 0.47 | 10 | 0.40 | 35 | 0.49 |
| *Trade* | 45 | 0.29 | 10 | 0.40 | 35 | 0.26 |
| *Income growth and distribution* | 45 | 0.09 | 10 | 0.00 | 35 | 0.11 |
| *Demographic shifts* | 45 | 0.09 | 10 | 0.00 | 35 | 0.11 |
| *Leadership and Governance* | 45 | 0.20 | 10 | 0.10 | 35 | 0.23 |
| *Socio-cultural context* | 45 | 0.07 | 10 | 0.00 | 35 | 0.09 |
| *Social protection* | 45 | 0.24 | 10 | 0.30 | 35 | 0.23 |
| *Energy* | 45 | 0.07 | 10 | 0.10 | 35 | 0.06 |
| *Science and technology* | 45 | 0.20 | 10 | 0.10 | 35 | 0.23 |
| *Investment* | 45 | 0.20 | 10 | 0.20 | 35 | 0.20 |
| *Equity* | 45 | 0.16 | 10 | 0.10 | 35 | 0.17 |
| *Other ( specify )* | 45 | 0.04 | 10 | 0.00 | 35 | 0.06 |
| 1Mean | | | | | | |

# Environmental health and biodiversity

## Role

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2831 | **N** | **Yes**, N = 601 |
| --- | --- | --- | --- | --- | --- | --- |
| *Support for agriculture and food security* | 24 | 0.42 | 1 | 1.00 | 23 | 0.39 |
| *Managing natural resources* | 24 | 0.42 | 1 | 0.00 | 23 | 0.43 |
| *Combating malnutrition* | 24 | 0.08 | 1 | 0.00 | 23 | 0.09 |
| *Food information systems* | 24 | 0.25 | 1 | 0.00 | 23 | 0.26 |
| *Capacity building* | 24 | 0.08 | 1 | 0.00 | 23 | 0.09 |
| *Support for food governance* | 24 | 0.25 | 1 | 0.00 | 23 | 0.26 |
| *Environmental education* | 24 | 0.25 | 1 | 0.00 | 23 | 0.26 |
| *Protecting biodiversity* | 24 | 0.08 | 1 | 0.00 | 23 | 0.09 |
| *Climate change adaptation* | 24 | 0.00 | 1 | 0.00 | 23 | 0.00 |
| *Collaboration with other ministries* | 24 | 0.00 | 1 | 0.00 | 23 | 0.00 |
| *Regulation and compliance* | 24 | 0.38 | 1 | 0.00 | 23 | 0.39 |
| *Other ( specify )* | 24 | 0.33 | 1 | 0.00 | 23 | 0.35 |
| 1Mean | | | | | | |

## Food components

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2831 | **N** | **Yes**, N = 601 |
| --- | --- | --- | --- | --- | --- | --- |
| *Inputs access* | 24 | 0.42 | 1 | 0.00 | 23 | 0.43 |
| *Production (primary)* | 24 | 0.33 | 1 | 1.00 | 23 | 0.30 |
| *Processing* | 24 | 0.29 | 1 | 0.00 | 23 | 0.30 |
| *Packaging* | 24 | 0.17 | 1 | 0.00 | 23 | 0.17 |
| *Distribution and retailing* | 24 | 0.25 | 1 | 0.00 | 23 | 0.26 |
| *Consumption* | 24 | 0.21 | 1 | 0.00 | 23 | 0.22 |
| *Food availability* | 24 | 0.17 | 1 | 0.00 | 23 | 0.17 |
| *Access to food : Affordability* | 24 | 0.21 | 1 | 0.00 | 23 | 0.22 |
| *Nutritional value* | 24 | 0.21 | 1 | 0.00 | 23 | 0.22 |
| *Food safety* | 24 | 0.33 | 1 | 0.00 | 23 | 0.35 |
| *Water* | 24 | 0.42 | 1 | 0.00 | 23 | 0.43 |
| *Weather* | 24 | 0.13 | 1 | 0.00 | 23 | 0.13 |
| *Gas emission* | 24 | 0.25 | 1 | 0.00 | 23 | 0.26 |
| *Land and soil* | 24 | 0.54 | 1 | 0.00 | 23 | 0.57 |
| *Pollution* | 24 | 0.46 | 1 | 0.00 | 23 | 0.48 |
| *Trade* | 24 | 0.13 | 1 | 0.00 | 23 | 0.13 |
| *Income growth and distribution* | 24 | 0.04 | 1 | 0.00 | 23 | 0.04 |
| *Demographic shifts* | 24 | 0.04 | 1 | 0.00 | 23 | 0.04 |
| *Leadership and Governance* | 24 | 0.25 | 1 | 0.00 | 23 | 0.26 |
| *Socio-cultural context* | 24 | 0.17 | 1 | 0.00 | 23 | 0.17 |
| *Social protection* | 24 | 0.25 | 1 | 0.00 | 23 | 0.26 |
| *Energy* | 24 | 0.00 | 1 | 0.00 | 23 | 0.00 |
| *Science and technology* | 24 | 0.08 | 1 | 0.00 | 23 | 0.09 |
| *Investment* | 24 | 0.13 | 1 | 0.00 | 23 | 0.13 |
| *Equity* | 24 | 0.17 | 1 | 0.00 | 23 | 0.17 |
| *Other ( specify )* | 24 | 0.08 | 1 | 0.00 | 23 | 0.09 |
| 1Mean | | | | | | |