Mapping food system institutions and policies in Niger

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# Institutions by region

|  | **N = 343**1 |
| --- | --- |
| 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 | **N = 343**1 |
| --- | --- |
| *Nutrition, health, and food, security* | 0.72 |
| *Poverty reduction, livelihoods, and jobs* | 0.64 |
| *Gender equality, youth, and social inclusion* | 0.30 |
| *Climate adaptation and mitigation* | 0.19 |
| *Environmental health and biodiversity* | 0.17 |
| 1Mean | |

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 | | | | | | |

## Environment : policies / programs / strategies related to food systems directly influence your organization

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 951 | **N** | **Yes**, N = 2481 |
| --- | --- | --- | --- | --- | --- | --- |
| *# policies / programs / strategies related to food systems directly influence* | 343 |  | 95 |  | 248 |  |
| 0 |  | 23.03(79) |  | 29.47(28) |  | 20.56(51) |
| 1 |  | 48.10(165) |  | 56.84(54) |  | 44.76(111) |
| 2 |  | 16.91(58) |  | 8.42(8) |  | 20.16(50) |
| 3 |  | 7.29(25) |  | 2.11(2) |  | 9.27(23) |
| 4 |  | 3.50(12) |  | 2.11(2) |  | 4.03(10) |
| 5 |  | 0.87(3) |  | 0.00(0) |  | 1.21(3) |
| 6 |  | 0.29(1) |  | 1.05(1) |  | 0.00(0) |
| *Source of funding for specific policies / programs / strategies* | 264 |  | 67 |  | 197 |  |
| Government |  | 12.50(33) |  | 10.45(7) |  | 13.20(26) |
| NGO |  | 32.58(86) |  | 29.85(20) |  | 33.50(66) |
| Donor |  | 17.05(45) |  | 14.93(10) |  | 17.77(35) |
| self-financing |  | 16.67(44) |  | 26.87(18) |  | 13.20(26) |
| Other ( specify ) |  | 21.21(56) |  | 17.91(12) |  | 22.34(44) |
| 1%(n) | | | | | | |

## Environment : strengths of these specific policies/programs/strategies

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 951 | **N** | **Yes**, N = 2481 |
| --- | --- | --- | --- | --- | --- | --- |
| *Coordination and collaboration* | 264 | 0.66 | 67 | 0.58 | 197 | 0.69 |
| *Global vision* | 264 | 0.46 | 67 | 0.28 | 197 | 0.52 |
| *Strategic direction* | 264 | 0.34 | 67 | 0.19 | 197 | 0.39 |
| *Regulations and policies* | 264 | 0.31 | 67 | 0.46 | 197 | 0.25 |
| *Public investment* | 264 | 0.50 | 67 | 0.51 | 197 | 0.49 |
| *Mobilizing civil society* | 264 | 0.39 | 67 | 0.30 | 197 | 0.42 |
| *Other ( specify )* | 264 | 0.14 | 67 | 0.15 | 197 | 0.14 |
| 1Mean | | | | | | |

## Environment : Gaps/Changes needed

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 951 | **N** | **Yes**, N = 2481 |
| --- | --- | --- | --- | --- | --- | --- |
| *Lack of coordination* | 264 | 0.21 | 67 | 0.25 | 197 | 0.19 |
| *Unequal access* | 264 | 0.30 | 67 | 0.28 | 197 | 0.30 |
| *Food industry lobbying* | 264 | 0.12 | 67 | 0.00 | 197 | 0.16 |
| *Focus on production rather than nutrition* | 264 | 0.14 | 67 | 0.04 | 197 | 0.17 |
| *Pressure on natural resources* | 264 | 0.23 | 67 | 0.22 | 197 | 0.23 |
| *Lack of public awareness* | 264 | 0.31 | 67 | 0.22 | 197 | 0.34 |
| *Short-term vision* | 264 | 0.69 | 67 | 0.70 | 197 | 0.69 |
| *Other ( specify)* | 264 | 0.18 | 67 | 0.15 | 197 | 0.19 |
| 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 | | | | | | |

## Environment : policies / programs / strategies related to food systems directly influence your organization

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 1221 | **N** | **Yes**, N = 2211 |
| --- | --- | --- | --- | --- | --- | --- |
| *II.1 How many specific policies / programs / strategies related to food systems* | 343 |  | 122 |  | 221 |  |
| 0 |  | 23.03(79) |  | 24.59(30) |  | 22.17(49) |
| 1 |  | 48.10(165) |  | 47.54(58) |  | 48.42(107) |
| 2 |  | 16.91(58) |  | 19.67(24) |  | 15.38(34) |
| 3 |  | 7.29(25) |  | 6.56(8) |  | 7.69(17) |
| 4 |  | 3.50(12) |  | 0.82(1) |  | 4.98(11) |
| 5 |  | 0.87(3) |  | 0.82(1) |  | 0.90(2) |
| 6 |  | 0.29(1) |  | 0.00(0) |  | 0.45(1) |
| *II.3. Source of funding for specific policies / programs / strategies :* | 264 |  | 92 |  | 172 |  |
| Government |  | 12.50(33) |  | 13.04(12) |  | 12.21(21) |
| NGO |  | 32.58(86) |  | 29.35(27) |  | 34.30(59) |
| Donor |  | 17.05(45) |  | 19.57(18) |  | 15.70(27) |
| self-financing |  | 16.67(44) |  | 17.39(16) |  | 16.28(28) |
| Other ( specify ) |  | 21.21(56) |  | 20.65(19) |  | 21.51(37) |
| 1%(n) | | | | | | |

## Environment : strengths of these specific policies/programs/strategies

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 1221 | **N** | **Yes**, N = 2211 |
| --- | --- | --- | --- | --- | --- | --- |
| *Coordination and collaboration* | 105 | 0.64 | 36 | 0.61 | 69 | 0.65 |
| *Global vision* | 105 | 0.50 | 36 | 0.50 | 69 | 0.49 |
| *Strategic direction* | 105 | 0.36 | 36 | 0.22 | 69 | 0.43 |
| *Regulations and policies* | 105 | 0.27 | 36 | 0.25 | 69 | 0.28 |
| *Public investment* | 105 | 0.43 | 36 | 0.42 | 69 | 0.43 |
| *Mobilizing civil society* | 105 | 0.40 | 36 | 0.39 | 69 | 0.41 |
| *Other ( specify )* | 105 | 0.19 | 36 | 0.19 | 69 | 0.19 |
| 1Mean | | | | | | |

## Environment : Gaps/Changes needed

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 1221 | **N** | **Yes**, N = 2211 |
| --- | --- | --- | --- | --- | --- | --- |
| *Lack of coordination* | 105 | 0.13 | 36 | 0.19 | 69 | 0.10 |
| *Unequal access* | 105 | 0.27 | 36 | 0.31 | 69 | 0.25 |
| *Food industry lobbying* | 105 | 0.13 | 36 | 0.08 | 69 | 0.16 |
| *Focus on production rather than nutrition* | 105 | 0.20 | 36 | 0.11 | 69 | 0.25 |
| *Pressure on natural resources* | 105 | 0.33 | 36 | 0.42 | 69 | 0.29 |
| *Lack of public awareness* | 105 | 0.34 | 36 | 0.28 | 69 | 0.38 |
| *Short-term vision* | 105 | 0.62 | 36 | 0.61 | 69 | 0.62 |
| *Other ( specify)* | 105 | 0.17 | 36 | 0.19 | 69 | 0.16 |
| 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 | | | | | | |

## Environment : policies / programs / strategies related to food systems directly influence your organization

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2391 | **N** | **Yes**, N = 1041 |
| --- | --- | --- | --- | --- | --- | --- |
| *II.1 How many specific policies / programs / strategies related to food systems* | 343 |  | 239 |  | 104 |  |
| 0 |  | 23.03(79) |  | 28.03(67) |  | 11.54(12) |
| 1 |  | 48.10(165) |  | 46.44(111) |  | 51.92(54) |
| 2 |  | 16.91(58) |  | 16.32(39) |  | 18.27(19) |
| 3 |  | 7.29(25) |  | 6.69(16) |  | 8.65(9) |
| 4 |  | 3.50(12) |  | 1.67(4) |  | 7.69(8) |
| 5 |  | 0.87(3) |  | 0.84(2) |  | 0.96(1) |
| 6 |  | 0.29(1) |  | 0.00(0) |  | 0.96(1) |
| *II.3. Source of funding for specific policies / programs / strategies :* | 264 |  | 172 |  | 92 |  |
| Government |  | 12.50(33) |  | 12.79(22) |  | 11.96(11) |
| NGO |  | 32.58(86) |  | 34.30(59) |  | 29.35(27) |
| Donor |  | 17.05(45) |  | 13.37(23) |  | 23.91(22) |
| self-financing |  | 16.67(44) |  | 19.19(33) |  | 11.96(11) |
| Other ( specify ) |  | 21.21(56) |  | 20.35(35) |  | 22.83(21) |
| 1%(n) | | | | | | |

## Environment : strengths of these specific policies/programs/strategies

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2391 | **N** | **Yes**, N = 1041 |
| --- | --- | --- | --- | --- | --- | --- |
| *Coordination and collaboration* | 43 | 0.67 | 24 | 0.54 | 19 | 0.84 |
| *Global vision* | 43 | 0.42 | 24 | 0.38 | 19 | 0.47 |
| *Strategic direction* | 43 | 0.33 | 24 | 0.38 | 19 | 0.26 |
| *Regulations and policies* | 43 | 0.26 | 24 | 0.21 | 19 | 0.32 |
| *Public investment* | 43 | 0.42 | 24 | 0.42 | 19 | 0.42 |
| *Mobilizing civil society* | 43 | 0.40 | 24 | 0.38 | 19 | 0.42 |
| *Other ( specify )* | 43 | 0.12 | 24 | 0.13 | 19 | 0.11 |
| 1Mean | | | | | | |

## Environment : Gaps/Changes needed

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2391 | **N** | **Yes**, N = 1041 |
| --- | --- | --- | --- | --- | --- | --- |
| *Lack of coordination* | 43 | 0.12 | 24 | 0.13 | 19 | 0.11 |
| *Unequal access* | 43 | 0.33 | 24 | 0.33 | 19 | 0.32 |
| *Food industry lobbying* | 43 | 0.16 | 24 | 0.08 | 19 | 0.26 |
| *Focus on production rather than nutrition* | 43 | 0.19 | 24 | 0.25 | 19 | 0.11 |
| *Pressure on natural resources* | 43 | 0.28 | 24 | 0.25 | 19 | 0.32 |
| *Lack of public awareness* | 43 | 0.44 | 24 | 0.46 | 19 | 0.42 |
| *Short-term vision* | 43 | 0.70 | 24 | 0.75 | 19 | 0.63 |
| *Other ( specify)* | 43 | 0.14 | 24 | 0.08 | 19 | 0.21 |
| 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 | | | | | | |

## Environment : policies / programs / strategies related to food systems directly influence your organization

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2781 | **N** | **Yes**, N = 651 |
| --- | --- | --- | --- | --- | --- | --- |
| *# policies / programs / strategies related to food systems directly influence* | 343 |  | 278 |  | 65 |  |
| 0 |  | 23.03(79) |  | 26.26(73) |  | 9.23(6) |
| 1 |  | 48.10(165) |  | 50.36(140) |  | 38.46(25) |
| 2 |  | 16.91(58) |  | 16.55(46) |  | 18.46(12) |
| 3 |  | 7.29(25) |  | 5.04(14) |  | 16.92(11) |
| 4 |  | 3.50(12) |  | 1.44(4) |  | 12.31(8) |
| 5 |  | 0.87(3) |  | 0.36(1) |  | 3.08(2) |
| 6 |  | 0.29(1) |  | 0.00(0) |  | 1.54(1) |
| *II.3. Source of funding for specific policies / programs / strategies :* | 264 |  | 205 |  | 59 |  |
| Government |  | 12.50(33) |  | 11.71(24) |  | 15.25(9) |
| NGO |  | 32.58(86) |  | 30.24(62) |  | 40.68(24) |
| Donor |  | 17.05(45) |  | 19.02(39) |  | 10.17(6) |
| self-financing |  | 16.67(44) |  | 17.07(35) |  | 15.25(9) |
| Other ( specify ) |  | 21.21(56) |  | 21.95(45) |  | 18.64(11) |
| 1%(n) | | | | | | |

## Environment : strengths of these specific policies/programs/strategies

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2781 | **N** | **Yes**, N = 651 |
| --- | --- | --- | --- | --- | --- | --- |
| *Coordination and collaboration* | 18 | 0.67 | 7 | 0.57 | 11 | 0.73 |
| *Global vision* | 18 | 0.44 | 7 | 0.29 | 11 | 0.55 |
| *Strategic direction* | 18 | 0.28 | 7 | 0.29 | 11 | 0.27 |
| *Regulations and policies* | 18 | 0.28 | 7 | 0.29 | 11 | 0.27 |
| *Public investment* | 18 | 0.44 | 7 | 0.29 | 11 | 0.55 |
| *Mobilizing civil society* | 18 | 0.28 | 7 | 0.14 | 11 | 0.36 |
| *Other ( specify )* | 18 | 0.22 | 7 | 0.14 | 11 | 0.27 |
| 1Mean | | | | | | |

## Environment : Gaps/Changes needed

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2781 | **N** | **Yes**, N = 651 |
| --- | --- | --- | --- | --- | --- | --- |
| *Lack of coordination* | 18 | 0.06 | 7 | 0.00 | 11 | 0.09 |
| *Unequal access* | 18 | 0.28 | 7 | 0.14 | 11 | 0.36 |
| *Food industry lobbying* | 18 | 0.11 | 7 | 0.00 | 11 | 0.18 |
| *Focus on production rather than nutrition* | 18 | 0.33 | 7 | 0.43 | 11 | 0.27 |
| *Pressure on natural resources* | 18 | 0.11 | 7 | 0.00 | 11 | 0.18 |
| *Lack of public awareness* | 18 | 0.39 | 7 | 0.29 | 11 | 0.45 |
| *Short-term vision* | 18 | 0.56 | 7 | 0.57 | 11 | 0.55 |
| *Other ( specify)* | 18 | 0.28 | 7 | 0.29 | 11 | 0.27 |
| 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 | | | | | | |

## Environment : policies / programs / strategies related to food systems directly influence your organization

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2831 | **N** | **Yes**, N = 601 |
| --- | --- | --- | --- | --- | --- | --- |
| *# policies / programs / strategies related to food systems directly influence* | 343 |  | 283 |  | 60 |  |
| 0 |  | 23.03(79) |  | 25.09(71) |  | 13.33(8) |
| 1 |  | 48.10(165) |  | 48.76(138) |  | 45.00(27) |
| 2 |  | 16.91(58) |  | 16.61(47) |  | 18.33(11) |
| 3 |  | 7.29(25) |  | 6.36(18) |  | 11.67(7) |
| 4 |  | 3.50(12) |  | 2.47(7) |  | 8.33(5) |
| 5 |  | 0.87(3) |  | 0.35(1) |  | 3.33(2) |
| 6 |  | 0.29(1) |  | 0.35(1) |  | 0.00(0) |
| *II.3. Source of funding for specific policies / programs / strategies :* | 264 |  | 212 |  | 52 |  |
| Government |  | 12.50(33) |  | 13.68(29) |  | 7.69(4) |
| NGO |  | 32.58(86) |  | 34.43(73) |  | 25.00(13) |
| Donor |  | 17.05(45) |  | 15.57(33) |  | 23.08(12) |
| self-financing |  | 16.67(44) |  | 17.45(37) |  | 13.46(7) |
| Other ( specify ) |  | 21.21(56) |  | 18.87(40) |  | 30.77(16) |
| 1%(n) | | | | | | |

## Environment : strengths of these specific policies/programs/strategies

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2831 | **N** | **Yes**, N = 601 |
| --- | --- | --- | --- | --- | --- | --- |
| *Coordination and collaboration* | 6 | 0.83 | 4 | 0.75 | 2 | 1.00 |
| *Global vision* | 6 | 0.33 | 4 | 0.50 | 2 | 0.00 |
| *Strategic direction* | 6 | 0.00 | 4 | 0.00 | 2 | 0.00 |
| *Regulations and policies* | 6 | 0.17 | 4 | 0.00 | 2 | 0.50 |
| *Public investment* | 6 | 0.50 | 4 | 0.25 | 2 | 1.00 |
| *Mobilizing civil society* | 6 | 0.00 | 4 | 0.00 | 2 | 0.00 |
| *Other ( specify )* | 6 | 0.00 | 4 | 0.00 | 2 | 0.00 |
| 1Mean | | | | | | |

## Environment : Gaps/Changes needed

|  | **N** | **Overall**, N = 3431 | **N** | **No**, N = 2831 | **N** | **Yes**, N = 601 |
| --- | --- | --- | --- | --- | --- | --- |
| *Lack of coordination* | 6 | 0.17 | 4 | 0.00 | 2 | 0.50 |
| *Unequal access* | 6 | 0.00 | 4 | 0.00 | 2 | 0.00 |
| *Food industry lobbying* | 6 | 0.33 | 4 | 0.50 | 2 | 0.00 |
| *Focus on production rather than nutrition* | 6 | 0.17 | 4 | 0.25 | 2 | 0.00 |
| *Pressure on natural resources* | 6 | 0.17 | 4 | 0.25 | 2 | 0.00 |
| *Lack of public awareness* | 6 | 0.17 | 4 | 0.25 | 2 | 0.00 |
| *Short-term vision* | 6 | 0.50 | 4 | 0.50 | 2 | 0.50 |
| *Other ( specify)* | 6 | 0.00 | 4 | 0.00 | 2 | 0.00 |
| 1Mean | | | | | | |

# Descriptive Analysis:

## Categorize and summarize instutions by type and role

| Role | Nutrition, health, and food, security | Poverty reduction, livelihoods, and jobs | Gender equality, youth, and social inclusion | Climate adaptation and mitigation | Environmental health and biodiversity |
| --- | --- | --- | --- | --- | --- |
| Support for agriculture and food security | 0.86 | 0.74 | 0.61 | 0.57 | 0.39 |
| Managing natural resources | 0.35 | 0.42 | 0.39 | 0.46 | 0.43 |
| Combating malnutrition | 0.06 | 0.08 | 0.29 | 0.29 | 0.09 |
| Food information systems | 0.08 | 0.13 | 0.23 | 0.31 | 0.26 |
| Capacity building | 0.19 | 0.27 | 0.20 | 0.31 | 0.09 |
| Support for food governance | 0.39 | 0.54 | 0.44 | 0.60 | 0.26 |
| Environmental education | 0.07 | 0.08 | 0.12 | 0.34 | 0.26 |
| Protecting biodiversity | 0.07 | 0.10 | 0.15 | 0.17 | 0.09 |
| Climate change adaptation | 0.18 | 0.30 | 0.23 | 0.14 | 0.00 |
| Collaboration with other ministries | 0.04 | 0.04 | 0.08 | 0.09 | 0.00 |
| Regulation and compliance | 0.10 | 0.07 | 0.06 | 0.26 | 0.39 |
| Other ( specify ) | 0.15 | 0.18 | 0.26 | 0.26 | 0.35 |

## Categorize and summarize instutions by type and food components

| Food components | Nutrition, health, and food, security | Poverty reduction, livelihoods, and jobs | Gender equality, youth, and social inclusion | Climate adaptation and mitigation | Environmental health and biodiversity |
| --- | --- | --- | --- | --- | --- |
| Inputs access | 0.44 | 0.51 | 0.52 | 0.51 | 0.43 |
| Production (primary) | 0.57 | 0.57 | 0.48 | 0.51 | 0.30 |
| Processing | 0.49 | 0.49 | 0.52 | 0.49 | 0.30 |
| Packaging | 0.19 | 0.19 | 0.21 | 0.23 | 0.17 |
| Distribution and retailing | 0.38 | 0.41 | 0.30 | 0.37 | 0.26 |
| Consumption | 0.47 | 0.42 | 0.36 | 0.40 | 0.22 |
| Food availability | 0.24 | 0.26 | 0.27 | 0.49 | 0.17 |
| Access to food : Affordability | 0.27 | 0.25 | 0.23 | 0.37 | 0.22 |
| Nutritional value | 0.37 | 0.30 | 0.23 | 0.31 | 0.22 |
| Food safety | 0.43 | 0.39 | 0.36 | 0.49 | 0.35 |
| Water | 0.12 | 0.10 | 0.12 | 0.23 | 0.43 |
| Weather | 0.02 | 0.03 | 0.05 | 0.14 | 0.13 |
| Gas emission | 0.02 | 0.03 | 0.09 | 0.14 | 0.26 |
| Land and soil | 0.16 | 0.17 | 0.17 | 0.63 | 0.57 |
| Pollution | 0.06 | 0.06 | 0.15 | 0.49 | 0.48 |
| Trade | 0.38 | 0.49 | 0.38 | 0.26 | 0.13 |
| Income growth and distribution | 0.07 | 0.10 | 0.12 | 0.11 | 0.04 |
| Demographic shifts | 0.03 | 0.04 | 0.09 | 0.11 | 0.04 |
| Leadership and Governance | 0.10 | 0.10 | 0.20 | 0.23 | 0.26 |
| Socio-cultural context | 0.04 | 0.09 | 0.20 | 0.09 | 0.17 |
| Social protection | 0.10 | 0.15 | 0.27 | 0.23 | 0.26 |
| Energy | 0.01 | 0.01 | 0.03 | 0.06 | 0.00 |
| Science and technology | 0.06 | 0.07 | 0.08 | 0.23 | 0.09 |
| Investment | 0.09 | 0.17 | 0.26 | 0.20 | 0.13 |
| Equity | 0.05 | 0.07 | 0.35 | 0.17 | 0.17 |
| Other ( specify ) | 0.04 | 0.03 | 0.05 | 0.06 | 0.09 |

## Categorize and summarize instutions by type and strengths of these specific policies/programs/strategies

| Strengths of these specific policies/programs/strategies | Nutrition, health, and food, security | Poverty reduction, livelihoods, and jobs | Gender equality, youth, and social inclusion | Climate adaptation and mitigation | Environmental health and biodiversity |
| --- | --- | --- | --- | --- | --- |
| Coordination and collaboration | 0.69 | 0.65 | 0.84 | 0.73 | 1.00 |
| Global vision | 0.52 | 0.49 | 0.47 | 0.55 | 0.00 |
| Strategic direction | 0.39 | 0.43 | 0.26 | 0.27 | 0.00 |
| Regulations and policies | 0.25 | 0.28 | 0.32 | 0.27 | 0.50 |
| Public investment | 0.49 | 0.43 | 0.42 | 0.55 | 1.00 |
| Mobilizing civil society | 0.42 | 0.41 | 0.42 | 0.36 | 0.00 |
| Other ( specify ) | 0.14 | 0.19 | 0.11 | 0.27 | 0.00 |

## Categorize and summarize instutions by type and Gaps/Changes needed

| Gaps/Changes needed | Nutrition, health, and food, security | Poverty reduction, livelihoods, and jobs | Gender equality, youth, and social inclusion | Climate adaptation and mitigation | Environmental health and biodiversity |
| --- | --- | --- | --- | --- | --- |
| Lack of coordination | 0.19 | 0.10 | 0.11 | 0.09 | 0.50 |
| Unequal access | 0.30 | 0.25 | 0.32 | 0.36 | 0.00 |
| Food industry lobbying | 0.16 | 0.16 | 0.26 | 0.18 | 0.00 |
| Focus on production rather than nutrition | 0.17 | 0.25 | 0.11 | 0.27 | 0.00 |
| Pressure on natural resources | 0.23 | 0.29 | 0.32 | 0.18 | 0.00 |
| Lack of public awareness | 0.34 | 0.38 | 0.42 | 0.45 | 0.00 |
| Short-term vision | 0.69 | 0.62 | 0.63 | 0.55 | 0.50 |
| Other ( specify) | 0.19 | 0.16 | 0.21 | 0.27 | 0.00 |