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# LOCAL SYSTEMS PRACTICE (LSP) ACTIVITY

LOCAL WORKS PHILIPPINES | BROAD LISTENING TOUR ANALYSIS



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**Front cover:** Listening Tour in Sto. Tomas.

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**About Local Systems Practice:** *Local Systems Practice* is a USAID-funded activity that directly assists multiple Missions, partners, and constituents to design and adaptively manage systems-based programs in complex environments. The concept has been designed to aid Missions and partners to overcome four specific challenges to effective Local Systems Practice through: a) Listening; b) Engagement; c) Discovery; and d) Adaptation. The Theory of Change underpinning the activity asserts that the application of systems tools to complex local challenges at multiple intervals throughout the program cycle will enhance the sustainability of programming, resulting in better-informed, measurable interventions that complement and reinforce the systems they seek to strengthen. The LSP team is composed of both development practitioners and research institutions to most effectively explore and implement systems thinking approaches with Missions, local partners and other local stakeholders. The activity is led by LINC LLC with five sub-implementers: ANSER, the University of Notre Dame, AVSI, the University of Missouri, and Practical Action.

For more information on LSP and additional resources, please visit: [www.localsystemspractice.org](http://www.localsystemspractice.org)

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## INTRODUCTION

Local Works aims to promote locally-led and owned development and supports initiatives that would enable local actors to take the lead and be responsible for solving their challenges and managing their own over-all development. USAID/Philippines began its Local Works effort by listening to a broad range of people and local organizations to better understand what their development priorities are, how they define challenges and opportunities, and how they work together.

As a result of this process, the mission planned to continue learning about the formal and informal rules, regulations, customs and practices, as well as the economic, cultural, ethnic, and other factors that define the local system. This listening also offered the mission the opportunity to develop a stronger rapport with local actors and community members.

This learning occurred through a series of Listening Tours from January 2018 to March 2018 in selected communities from low, middle, and high-income municipalities and cities in the 18 regions of the Philippines. (See Annex 1 for a full list of communities.) The Broad Listening Tour followed a two-day Broad Listening training conducted by Dayna Brown and a subsequent Broad Listening Tour Orientation and Pilot undertaken in the metro-Manila area.

USAID/Philippines requested support from the Local Systems Practice (LSP) team around its Local Works efforts. The Broad Listening Tour was envisioned as the first step in a multi-phase process that would conclude with intervention design with a local partner(s). See Figure 1 below for an overview of the USAID Philippines Local Works approach.

The purpose of this report is to provide insights gained from the Broad Listening Tour undertaken by the USAID Philippines mission. The findings in this report are intended to highlight areas of interest that emerged during this process to inform future inquiry.

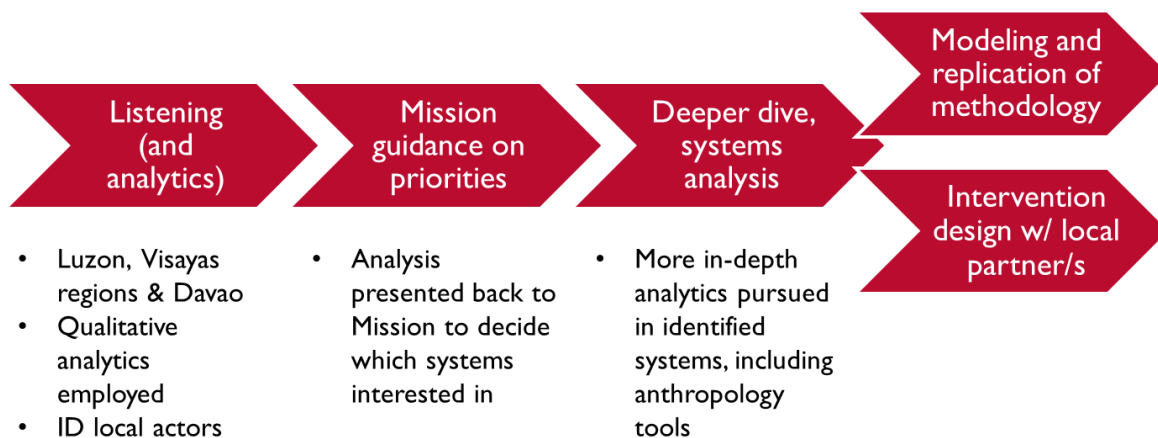


Figure 1: Initial phased approach for USAID/Philippines Local Works team

## Background on Broad Listening

In January 2018, Local Works USAID/Philippines hosted a Broad Listening training and pilot, conducted by Dayna Brown. First, Dayna Brown conducted a two-day orientation and training for mission staff and select partners in Manila. Three members of the LSP consortium attended the training to better understand the Broad Listening methodology and process. After the two-day training, there were four days of training in the field. Teams consisting of mission staff, local partners and LSP members along with Dayna Brown went out into communities in the metro-Manila area for field exposure, to apply learnings from the training, and to receive feedback.

Figure 2 below provides the high-level guidance provided for the Broad Listening Tour. Additional materials including a training report and additional guidance from Dayna Brown are available through USAID/Philippines.

“Intentional listening, learning, and reflection processes can increase understanding, promote change within and across organizations, and lead to greater collective impact. By taking the time to listen to what people have to say about what matters to them, USAID and its partners can communicate a genuine commitment to learning and to engaging local people in the development process.

“When intending to undertake a listening exercise, it is important to keep in mind what it is not. It is not a needs assessment or impact assessment, nor is it strictly a monitoring and evaluation exercise. It is not a bunch of a key informant interviews, a targeting or data verification exercise, or simply focus group discussions (although you may listen to people in groups). The intent is to engage people in conversations and to learn and reflect together.”

Figure 2: Excerpt from “Listening Pilot Guidance” by Dayna Brown.

Listening was done using a Potential List of Framing Questions refined during the Broad Listening training in January. This original list is included in Annex 7. After the Broad Listening training and pilot, mission staff, local partners and one member of the LSP consortium embarked on a two-month Listening Tour covering 13 regions and 21 cities in the Philippines.

## METHODOLOGY

During the Broad Listening training, it was recommended that no audio recording devices be used as this would negatively impact the quality of the Listening exercise. During the training and pilot, mission staff attempted to take verbatim notes as initially instructed. During a debrief with the LSP team prior to the Listening Tour it became apparent that taking verbatim notes was not feasible and would also not foster meaningful analysis. Given this limitation, the LSP team developed Personal Reflection Template asking members of the Broad Listening tour to list the most prominent 3 issues, and related resources and obstacles by week (region). The Personal Reflection Template is provided in Annex 2. Prior to each week of Listening, mission staff were requested to attend a training on the revised notetaking and debrief process. More detailed information regarding the notetaking and debrief process can be found in Annex 3.

In total, the exercise resulted in 67 templates submitted covering elicited data from 13 regions and 21 cities. The data was then coded using Qualitative Data Analysis (QDA) software: NVivo 12. The purpose of the QDA analysis is to elicit both obvious and latent trends, correspondence, and correlations within and between the reported issues, resources, and obstacles.



## LIMITATIONS

The 67 templates submitted were compiled by the members of the Broad Listening Tour (BLT) and are not narrative texts of individual or group interviews. Members included USAID/Philippines staff, Local Works DC representatives, local partners, local interlocutors, and one member of LSP. There was no sampling strategy used to identify participants (those who spoke with BLT members) as most were sourced via a local interlocutor hired by USAID/Philippines. Variety and breadth were prioritized to provide the team with exposure to a broad scope of topics within each region visited. Members of the BLT were asked to list three main issues they encountered in their interactions with different groups and individuals across the Philippines. Therefore, many of the responses on key issues, resources, and obstacles are those expected in interactions between development practitioners and beneficiaries. In this analysis, we have sought to find trends, correspondences, correlations, as well as fractures, dissimilarities, and dissonances between regions. Therefore, this analysis serves as an entry point for targeted deeper dives into these communities, seeking knowledge on particular findings of this analysis.

## DESCRIPTIVE ANALYTICS

The primary basis for analysis is word frequencies and associations. The template filled out by each BLT member for each week included the listing and description of three issues that emerged during the regional visit, and the obstacles and resources related to each issue. Prior to the formal QDA analysis, 13 primary themes were identified during data cleanup and processing: Livelihoods, Urban Planning / Infrastructure, Lack of Basic Services, Governance, Education, Water, Agriculture, Economic Development, Environment, Health, Land Security/Tenure, Peace and Order, and Other (see Figure 3).

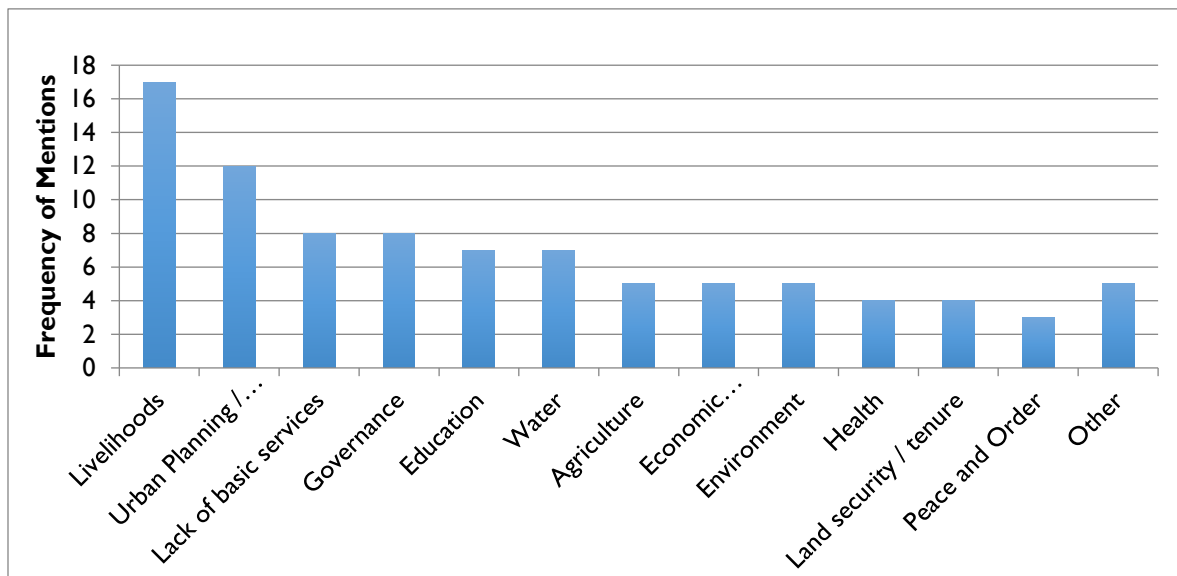


Figure 3: Frequency of Issues Mentioned by Participants in Broad Listening Exercise across 13 regions of the Philippines.

We first conducted a word frequency analysis to check that these themes would also emerge in a word cloud, using NVivo 12. Figure 2 shows that similar themes emerged, following the initial identification.



Figure 4: Word Cloud Showing the Primary Concerns Identified Within Issues, Obstacles, and Resources During the Broad Listening Exercise.

The interviews were then coded for the 13 issues, and related obstacles and resources, followed by sub-categories within each of the 13 issue categories. Hence, for every template, we coded the 3 issues, obstacles, and resources, and then broke each issue, obstacle, and resources categories into sub-categories. Using word frequency analysis, we then looked at the distribution of sub-issues, obstacles, and resources, across the 13 regions.

The lists were then arranged by issue (see Annex 5) and by Region (see Annex 6). Of note, we found strong correlations between the distribution of frequencies of sub-issues, sub-obstacles, and sub-resources, across all the regions suggesting

an internal consistency of observation among the respondents, with the exception of Economic Development, Health, Environment, Peace and Order, and Other, where there was significant mismatch between issues, obstacles, and resources (See Annex 5). However, the correlations were consistently greater between Issue and Obstacle than between Obstacle and Resource, and Issue and Resource, also suggesting a deeper mismatch between knowledge of resources and their links to issues and obstacles.

Below we describe the findings from the frequency analysis provided in Annexes 5 and 6 by the 13 named Issues:

### Livelihoods

This was, unsurprisingly, one of the most frequently mentioned issues. The sub-issues listed as part of the problem of livelihoods included Lack of Opportunities, Insufficient Income, followed by the Seasonality of Income, Diversity of Income Sources, and the Available Skill Set. Although all regions mentioned livelihoods as a key issue, the frequencies were the most prominent in the Batangas, Ilocos Norte, and Pampanga regions. This regional trend carried over into the list of sub-obstacles, and sub-resources. The primary sub-obstacles listed were Lack of Education, Skills, or Awareness, and Obstacles to Business Ownerships (Regulations, Red Tape, Bureaucracy), followed by Limited Variety of Jobs Available, Funding, and Government Inefficiency. The primary sub-resources listed were Local Governments (this, along with

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*"Most people are poor here and many families rely on overseas relatives for money because there is no source of income here."*

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the National Government is the most listed resources across all the regions), followed by the Private Sector, Community Organizations, National Government, and local NGOs.

### Urban Planning and Infrastructure

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*"Last August 2012 during the heavy moonsoon rains (habagat), a dam was cracked and Sto. Tomas was covered in 6 feet deep of flood. It took around 4 months for the flood to fully subside. In fact, some of the residents made use of the coffins being produced at their backyards as boats."*

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The Philippines are undoubtedly undergoing a boom in development and this was another key issue mentioned across the regions, but the sub-issue of rapid growth stands out as affecting Cebu significantly followed by La Trinidad. Other sub-issues more evenly distributed across the 13 regions include Waste Management, Farm-to-Market exchange, Flooding, and Traffic. Interestingly, informal settlers usually resented by urban residents were mentioned but only in Cebu and La Trinidad, suggesting a relationship between rapid growth and

resentment of migrant workers. Among the sub-obstacles, the most prominent factor listed is Government Inefficiency, followed by Lack of Funding, Lack of Space (Cebu and La Trinidad), and Political Obstacles (Cebu and Iloilo). Following the trends in Livelihoods, most respondents listed Local Governments, Community Organizations, the National Government, Local NGOs and Academic Partnerships as the primary resources.

### Lack of Basic Services

Although this was a prominent issue, there was not much data on the specifics of the concerns. The two sub-categories that emerged from the coding exercise were 1) Lack of Facilities and 2) Lack of Funding, primarily for health and related issues. It was also most prominently mentioned in the Batangas region, most likely linked to the strong concerns about livelihood issues also in Batangas. The primary obstacles are more evenly distributed, with Lack of Funding and Government Inefficiency as key factors, followed by Lack of Education, Skills, and Awareness, and Political Obstacles. By political obstacles, we mean bias in delivery of services based on political differences.

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*"[P]rogram implementation is there, but sadly note that many experience political bias when it comes to the delivery of benefits of the services/programs offered to the community. Many of the community members/people may not even know the presence of the programs benefits that the local government has offered. Several community members [are] left un-attended and [are] not able to receive such service due to variations of political party affiliations."*

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The key resources mentioned were the Local and National Governments. Going over the discussions, there was also a sense of despair emerging as the key resources (local and national governments) are juxtapositioned with the key obstacles (government inefficiency and lack of funding).



## Governance

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*“Political dynasty. The mayor is the younger brother of the former mayor who currently serves as vice mayor. Their grandfather used to be a mayor of the town. Their mother is currently the president of town’s Baptist Church. The vice-mayor’s wife is the principal of town’s public school.”*

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Although Governance emerged as the fourth theme in the issue analysis (Figure 3), it was the most prominent concern within the broader issues, obstacles, and resources (Figure 4). When we parse the issue of governance into sub-issues, we find that the respondents listed Corruption, Elite Capture, Family Dynasty, Inefficiency and Bureaucracy almost equally. However, these factors were clustered most strongly in the Cebu and Ilocos Norte regions, two areas that have been known for

dynastic politics, and Elite Capture of resources. Cebu is also listed as the region showing the strongest impact of rapid urban growth, as well as resentment of informal settlers. Political obstacles are also seen as the primary obstacles affecting governance, and it is not surprising that Community Organizations are seen as more of a resource than local or national governments. As mentioned before, when the listed resource (government) is also an obstacle (government inefficiency), the issue becomes more significant, and without any solution in sight. It is surprising that the frequency of Corruption is not high, either because it is obvious or because the participants and informants did not wish to address it. However, it is mentioned as an obstacle across the categories, as affecting issues as diverse as education, health, social values, livelihoods, and access to basic services.

## Education

Education is seen as a primary right and means for social mobility and poverty alleviation and is a primary focus for development interventions. The primary issues within education included Cost/Fees of Education followed by Access and Quality. The regions most concerned with education were Pampanga, Ilocos Norte, and Batangas. The key obstacles in securing education came down to Lack of Funding (or assessment of fees) followed by Government Inefficiencies, Inadequate Facilities, and Corruption. There were also general complaints that lack of education, skills, and awareness posed obstacles to educational attainment. Listed resources included overwhelmingly Local Government, followed by National Government, Parent Organizations, Local NGOs, and Community Organizations. Interestingly, Faith-Based Organizations were mentioned only once. This could be seen as either the result of the method of Broad Listening or reveal a real gap between faith-based organizations and the educational needs of their adherents. There is frequent mention of diaspora communities. Given that the Philippines is the beneficiary of more than 2 billion USD per month in terms of remittances from diaspora communities, it is interesting that remittances are not mentioned as a key resource, either in livelihoods or in education. In each of the three categories of education, Batangas, Ilocos Norte, and Pampanga emerge as the regions most concerned with Education.

## Water

The Philippines has a diverse set of microclimates due to the north-south alignment of the archipelago and hence both water availability (scarcity, drought, access) and water damage (floods, cyclones, storms, breaking dams) have affected different islands. The respondents mentioned four key issues with water, the chief of which are problems in supply and distribution of the water, followed by lack of infrastructure for

accessing potable water, and scarcity of water. Flooding came up as an issue in some respondents, but the primary concerns were distribution and quality of water available. In terms of obstacles, the listed factors were evenly distributed along four sub-obstacles: First, Inadequate Infrastructure and Funding, followed by Political Obstacles, and Government Inefficiency. Some mentioned Climate Change as an obstacle, probably due to the variation and unanticipated fluctuations in rainfall precipitation. The primary regions affected were Benguet, Iloilo, and La Trinidad. While resources listed were overwhelmingly focused on the role of the Local Government, others listed Private Sector and Academic partnerships.

## **Agriculture**

Given the reliance on agriculture in various regions of the Philippines, it was surprising that it did not come up as a major concern in most of the regions under study, with the exception of Ilocos Norte (one of the agricultural powerhouses of the nation) and to some extent, Iloilo. The primary sub-issues were the Low Incomes accruing from agriculture, which are also linked to Declining Interest, especially among the younger generation. Other issues listed included lack of control and volatility in Market Prices, GMOs (Golden Rice is a major controversy), and Conversion of land from agriculture to other purposes. Primary obstacles mentioned were Government Inefficiency, Lack of Education, Skills and Awareness, and Political Obstacles. The last issue is also linked to land tenure and insecurity, with prime agricultural and industrial real estate being subject to political needs and expediencies, especially the wealthy region of Ilocos Norte.

## **Economic Development**

This category is largely concerned with the growth of small locally focused businesses and entrepreneurial enterprises linked to tourism. Specifically, most concerns were on the issues with Small Business Operation and Ownership, and the two other concerns being with both the growth of and decline in Tourism. While declining tourism means loss of income, the growth of tourism creates problems for existing business, environment, land security, etc. The concerns over Small Business were raised across the regions, but featured significantly in Ilocos Norte, Pampanga, Batangas, and to some extent in Tacloban and Leyte. Tourism Decline was primarily a concern for Cagayan, La Trinidad, and Palawan, while Baguio and Ilocos Norte showed some concern with growing tourism. The primary obstacles listed included the lack of funding or capital for small businesses and other entrepreneurial enterprises, along with Government Inefficiency and Obstacles to Business Ownership. Both Local Government and the Private Sector were mentioned as key resources, as are National and Provincial Government, and the Diaspora Communities. These findings are again surprising because of the omission of Corruption as a primary obstacle for small business ownership and maintenance. There is a significant amount of literature on the combination of multi-scalar endemic corruption and the regulatory bureaucratic mechanisms that discourage many potential entrepreneurs from small business ownership.

## **Environment**

The rate of development in the Philippines has had a measured environmental impact, some of which was captured in the Listening exercise, primarily based on the sub-issues of Mining, Soil Erosion, and Waste Management (also linked to Urban Planning and Infrastructure). The presence of foreign mining concerns and the impacts on forest cover, and surface geomorphology was primarily raised in the region of Palawan, while soil erosion and waste management were a concern seen in Cagayan, Cebu, and Benguet.

The primary obstacles were Government Inefficiency, the ubiquitous Lack of Education, Skills, and Awareness, and Political Obstacles. Resources listed included International and Local NGOs, Local and National Governments, and Community Organizations. Again, we did not find overt references to the usual causes: corruption, but it is apparent that Political Obstacles might be a euphemistic alternative to corruption, and hence finds mention in most of the issue related obstacles.

## Health

It was assumed that the issue of health would be a primary concern and while it is mentioned (Figures 3 and 4), two sub-issues emerged as prominent: HIV (affliction and awareness), teen pregnancy (especially in Iloilo). However, general health concerns were also a recurring issue, primarily in Batangas and Iloilo, and to a smaller extent in Cagayan, Cebu, Davao, Ilocos Norte, Leyte and Palawan. The only obstacle prominently mentioned was lack of education, skills, and awareness. This is surprising, as one of the primary obstacles for any health concern is funding. However, this health issue is very narrowly focused on teen pregnancy and HIV, two concerns that usually conflated with morality, judgment, and thought to be the outcomes of lack of education or awareness common among impoverished communities. It could also be that there is an understanding that both issues might be addressed through education and awareness, and the lack of both is seen as an obstacle, but not in moral terms. In terms of resources, the listed factors were Local Governments, Academic Partnerships, International and Local NGOs, especially in Cagayan, Cebu, Leyte, and Palawan.

## Land Security / Tenure

As previously mentioned, land security and tenure are major factors linked to other issues such as livelihoods, agriculture, urban planning, and environment. However, here these emerge primarily centered around property and use of land: Informal Settlers as a concern for Batangas and Cebu (as noted before), and Tenant Farming as a concern in the rich agricultural state of Ilocos Norte. The key obstacles mentioned were Corruption, Funding, Government Inefficiency, Lack of Education, Skills, or Awareness, and Lack of Space. It seems clear that given the pace of development (mining, industry, tourism, real estate, commercial/corporate agriculture, land prices are skyrocketing and holding onto land is usually difficult given the vested political interests and machinations. This is one of the few issues where Corruption is clearly mentioned, but mainly in Cebu. Resources mentioned are few, mainly Local and National Governments, and Academic Partnerships.

## Peace and Order

Given the emergence and proliferation of various types of violence, both in the interactions between state actors (law enforcement) and extra-legal or non-state actors, and within non-state actor groups (gangs, criminals, etc.), the primary concerns around the issue of Peace and Order center on Drugs (Batangas, Cebu, Ilocos Norte, Iloilo, and Pampanga), Gangs and Violence (Cagayan and Davao), and Law Enforcement (Batangas and Pampanga). The primary obstacles listed here include Inadequate Infrastructure, Lack of Education, Skills, or Awareness, Law Enforcement, and Limited Capacity of Community Organizations. Resources listed include Academic Partnerships, Community Organizations, and Local and National Governments. Although one might expect that Peace and Order are a primary concern, especially urban or rural with endemic levels of conflict, various studies suggest that economic issues such as livelihood and basic nutritional and health needs often outweigh the needs for security.

## Other

This is a very broad category which served to capture all items that did not fit within other categories. However, the analysis suggested two main themes: Social Values and Youth. Iloilo, Pampanga, Batangas, and Cagayan were the regions primarily concerned with both issues. Given that the Philippines is a young nation, the idea of declining social values among the youth can be linked to declining interest in traditional activities such as farming, as well as growing investment in rapid growth, risky endeavors such as migrating to cities, etc. Here, the listed obstacles include Corruption, Funding, Government Inefficiency, Inadequate Infrastructure, Lack of Education, Skills, or Awareness, and Limited Capacity of Community Organizations. This ties in with observations of despairing youth, and the respondents listed as resources: Academic Partnerships, Community Organizations, Faith-Based Organizations, International NGO or Foreign Governments, Local Government, Local NGOs, and the National Government. It is interesting that this is one of the few categories where Faith Based Organizations are mentioned. They are not listed as resources within either the education and health categories, where they are very active in the Philippines.

### AGREEMENT ON ISSUES BY REGION

The issues identified were sourced through independent reflections from Broad Listening Tour members. After coding the responses provided in the individual reflection templates, we analyzed the level of agreement among team members regarding the top issues identified in each region. The issues that were most prominent in the initial QDA are also the issues where there was the highest level of agreement among team members. These issues again include Livelihoods, Urban Planning / Infrastructure, and Lack of Basic Services.

Figure 5 provides a summary of the level of agreement by issue and region for the top 3 most-agreed-upon issues. "X" indicates that this issue was mentioned as a "top 3" issue by at least one of the team members. A full summary of the analysis is provided in Annex 4.

		100% Agreement - Listed by every team member		
		Listed by the majority of team members (50% if more than 2 person team)		
		Livelihoods	Urban Planning / Infrastructure	Lack of basic services
Region	City			
Ilocos Norte	Laoag City	X		
Ilocos Norte	Burgos	X	X	
Cagayan	Claveria, Sta. Praxedes and Benguet	X	X	X
Benguet	Tublay	X	X	
Pampanga	Angeles City	X	X	
La Trinidad	Baguio City	X	X	X
Pampanga	Sto. Tomas	X	X	
Leyte	Tunga	X		X
Tacloban	Tacloban City	X	X	
Iloilo	Bingawan and Iloilo City	X	X	
Batangas	Santa Teresita	X		X
Batangas	Batangas City	X		X
Cebu	Catmon	X	X	X
Cebu	Cebu City	X	X	
Palawan	Safronio, Espanola	X	X	X
Palawan	Puerto Princesa City	X	X	
Davao	Davao City	X		X
Number of Locations Where Mentioned:		17	12	8

Figure 5: Agreement on issues by region

## CLUSTER ANALYSIS

The data in Annexes 5 and 6 was collated for a cluster analysis, to see how the different regions differed or were similar to each other based on the listed issues, obstacles, and concerns. The results are shown in Figures 6-9. The cluster analysis suggests some of the key issues, obstacles, and resources that might affect the people in the regions under study. The descriptive analysis can also be used to undertake a comparative study of issues across linked regions e.g.: Compare and Contrast Governance Issues in Cebu and Ilocos Norte.

Figures 6-9 are horizontal dendrograms and should be read horizontally. These figures depict how similar or dissimilar are regions to each other. The measures are based on proximity analysis of the different sub-issues/issues, sub-obstacles/obstacles, and sub-resources/resources across the 13 regions.

Each figure is comprised of two factors: a) clades, and b) leaves. Clades are the branches along the x-axis and the leaves are the sub-divisions of the clades or the final categories (along the y-axis). Clades that are close to the same height (measured by length along the x-axis) are similar to each other; clades with different heights or lengths are different from each other. In other words, the greater the height/length difference, the more dissimilar the categories.

As evidenced by the following figures, some regions show far greater dissimilarities in terms of both the type and the intensity of issues, obstacles, and resources. Specifically, the consistent differentiation of five regions: Batangas, Ilocos Norte, Pampanga, Cebu, and Iloilo is prominent. Each of the four dendrograms shows that either Ilocos Norte or Cebu differentiated in the first grouping, followed by Batangas, Pampanga, and Iloilo. This is probably because there were more responses from these regions, but also because these regions showed dissimilarities in key issues, obstacles. However, Iloilo, Palawan, and Pampanga also had similar numbers of respondents, and the clustering analysis differentiated between these regions, both in the overall analysis (A), as well as the analyses by issue (B), obstacle (C), and resources (D). The greatest similarities in issues, obstacles, and resources seem to lie across the Cagayan, Palawan, Leyte, Davao, and Baguio regions as one cluster (primarily as these showed the least numbers of responses), and Benguet, Tacloban, and La Trinidad as another cluster. A written interpretation is provided for the analysis of resources (D).



### Cluster Analysis A: Overall Analysis

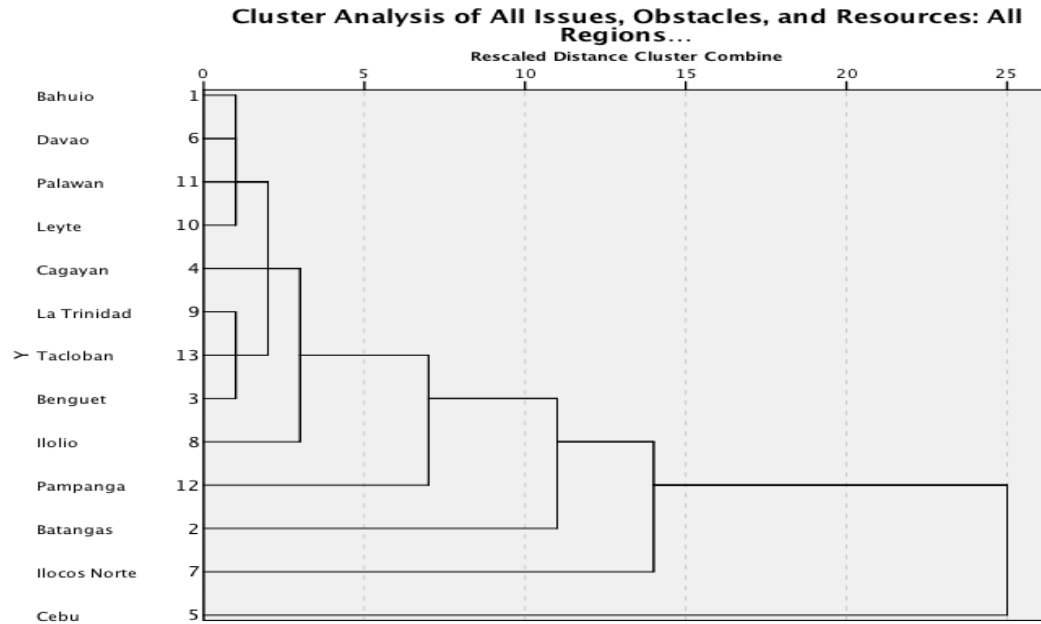


Figure 6: Cluster Analysis of All Issues, Obstacles, and Resources, Across All Regions.

### Cluster Analysis B: Analysis of Top Issues

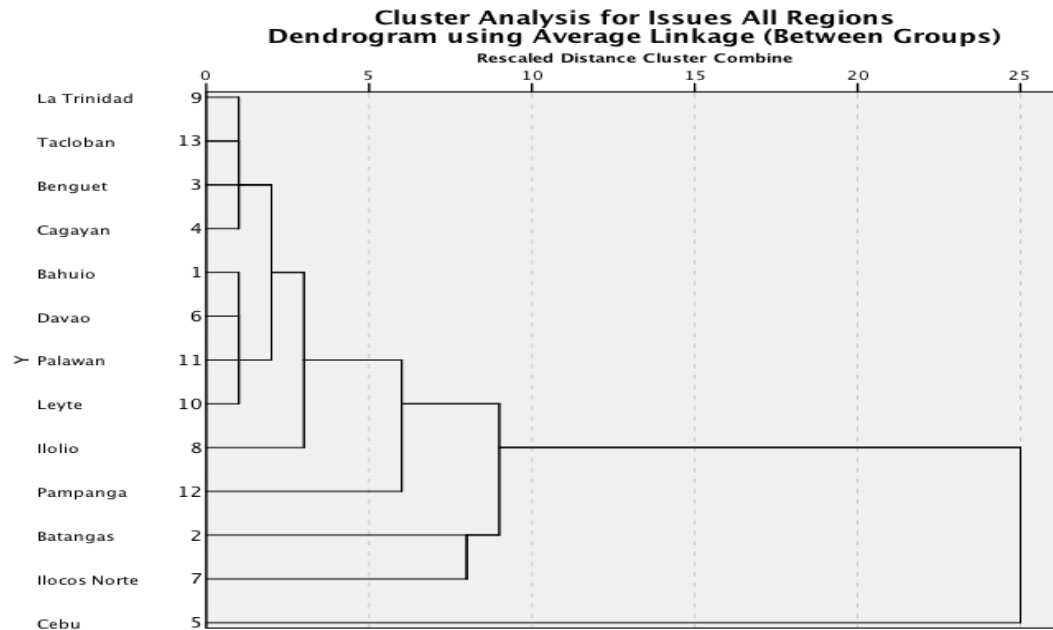


Figure 7: Cluster Analysis of Issues Across All Regions

### Cluster Analysis C: Analysis of Top Obstacles

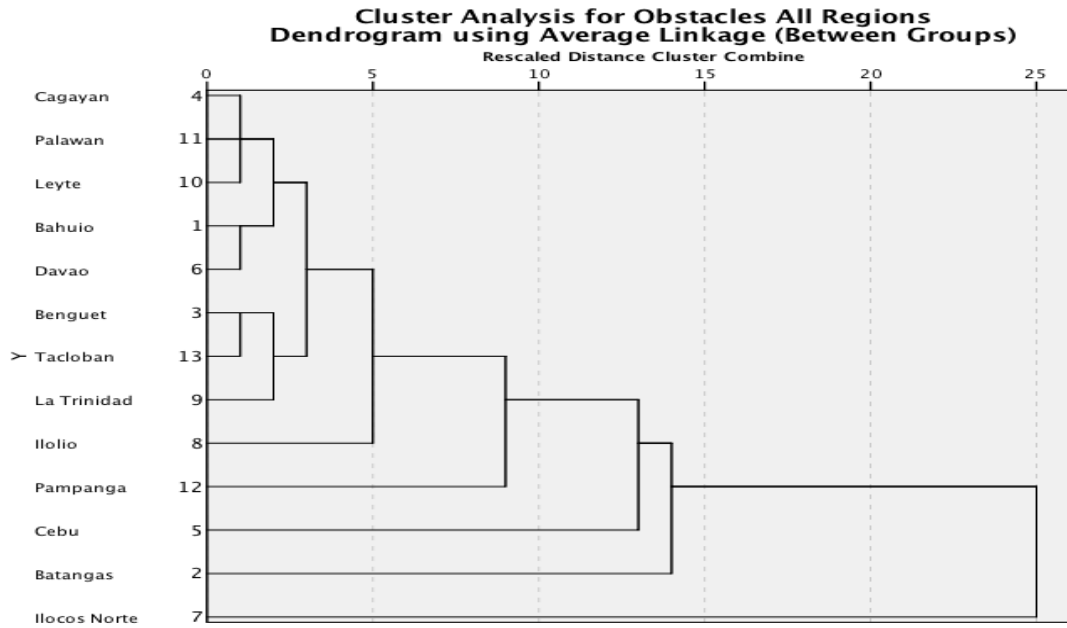


Figure 8: Cluster Analysis of Obstacles Across All Regions

### Cluster Analysis D: Analysis of Top Resources

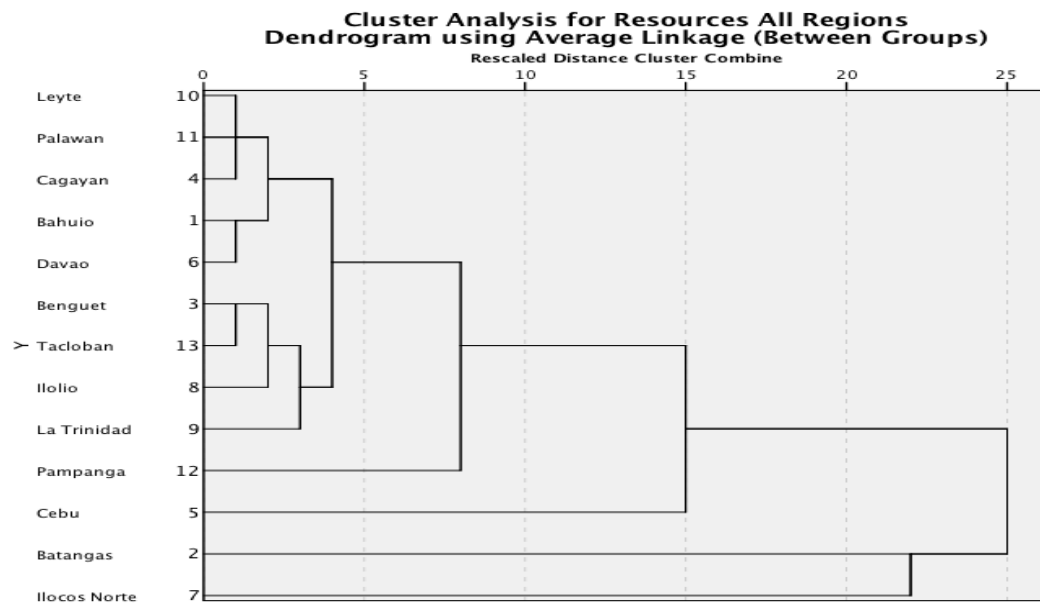


Figure 9: Cluster Analysis of Resources Across All Regions

In Figure 9, all the regions are the leaves, and the branches and sub-branches from right to left are the clades and sub-clades. The first clade on the lower right side of the figure marks the division between Ilocos Norte/Batangas and the rest of the regions, wherein these two regions are markedly dissimilar from the rest of the regions in terms of listed resources. The second clade differentiates between Ilocos Norte and Batangas. Here it should be noted that while Ilocos Norte and Batangas are different from each other, they are still more similar to each other than they are to other regions, given that they are both part of the same clade. The third clade differentiates between Cebu and the rest of the regions. The fourth clade clusters the nine remaining regions by dividing them into two. etc. On the upper left side of the figure, the leaves Leyte, Palawan, and Cagayan show greatest similarity to each other as do leaves Baguio and Davao. All five leaves are part of the same sub-clade that in turn is different from the clade in which are clustered leaves Benguet, Tacloban, Iloilo, and La Trinidad. However, Benguet and Tacloban are more similar to other, and both are more similar to Iloilo than all three are to Pampanga.

## SUMMARY & RECOMMENDATIONS

USAID Philippines has two potential approaches for moving forward. First, the mission can choose to further explore specific issues that emerged most frequently that also had the highest rate of agreement among Broad Listening Tour members (Livelihoods, Urban Planning/Infrastructure, and Access to Basic Services) and explore why these issues are persistent throughout the country. A second approach is to take a regional approach and deeply explore how and why some of these issues are inter-related.

Regardless of the chosen approach, more information is needed to better understand the key actors involved, potential partners, and specific causes to foster an understanding of the systems dynamics that underly these issues. This analysis serves as an entry point for targeted deeper dives into these communities, seeking knowledge on particular findings of this analysis. These deeper dives would ideally be based on more systematic and rigorous approaches such as ethnography, systems-scanning, and social network analysis.

LSP recommends that USAID Philippines select a few areas (issues or geographies) of focus for more targeted study to refine the causal loop diagrams that were drafted In April 2017, or to generate new causal loop diagrams to better understand different Issues that were not previously addressed. There are a variety of methods that can assist in further data collection. However, LSP recommends using ethnographic methods in a targeted manner to more fully understand issues and/or regions of interest. This approach would involve a tailored selection of participants rather than a broad reach. The next phase would also require the development of a semi-structured interview guide that would focus explicitly on the area of interest as opposed to the continuation of a broad inquiry.

## **ANNEX I: LIST OF LOCATIONS INCLUDED IN THE BROAD LISTENING TOUR**

### List of Listening Tour Regions

- Cordillera Administrative Region (CAR)
- Region I: Ilocos Norte
- Region II: Tuguegarao, Claveria, Sta Ana, Sta Praxedes
- Region III: Angeles and Sto Tomas, Pampanga
- Region VI: Iloilo
- Region VIII: Leyte
- Region IV-A: Batangas
- Region IV-B: Palawan
- Region VII: Cebu
- Regions XI: Davao

The regions and locations are listed as they were coded, not necessarily as they were detailed in the Broad Listening Tour schedule. Team members were given the option to complete one template per region, or to complete multiple templates if there were significant differences between locations visited.



## **ANNEX 2: BROAD LISTENING TOUR INDIVIDUAL REFLECTION TEMPLATE**

Below is the Google Form Broad Listening participants were requested to complete after each field visit.

### Listening Tour Individual Reflection

- Complete this form individually (without discussing with your travel mates) at the end of each week in the field.
- You can complete one form for the entire week, or multiple forms if you visited multiple sites and feel that the sites are substantially different from one another. This is a personal decision and is completely up to your own judgment.
- There are no right or wrong answers. We ask that you answer the questions below based on what you heard, your notes, as well as your intuition.
- This form should take 15-30 minutes to complete

If you have any problems with this form please contact Jenna White (jwhite@linclocal.org) for assistance.

#### \* Required

- Email address \*
- Please enter your name below \*
- Who did you travel with? Please enter the names of your travel companions below \*
- Please enter today's date (day you are filling out this form) \*  
Example: December 15, 2012
- Please list the location(s) you visited.
- Please provide an overview of your trip. [Provide 2-3 sentences about the people with whom you spoke]

### Your Impressions

The questions below ask about the top 3 issues that came up during your discussions. (These do NOT need to be in rank-order).

#### Issue 1:

- Please enter a short description of this issue \*
- Key Quotes: Please provide any key quotes you captured during your discussions related to Issue 1.
- Resources: Please provide names of any organizations, institutions, or individuals (especially local actors) who are working to address Issue 1 in this region. \*
- Obstacles: What are the main obstacles that are hindering progress on Issue 1? \*

#### Issue 2:

- Please enter a short description of this issue \*
- Key Quotes: Please provide any key quotes you captured during your discussions related to Issue 2.
- Resources: Please provide names of any organizations, institutions, or individuals (especially local actors) who are working to address Issue 2 in this region. \*
- Obstacles: What are the main obstacles that are hindering progress on Issue 2? \*

**Issue 3:**

- Please enter a short description of this issue \*
- Key Quotes: Please provide any key quotes you captured during your discussions related to Issue 3.
- Resources: Please provide names of any organizations, institutions, or individuals (especially local actors) who are working to address Issue 3 in this region. \*
- Obstacles: What are the main obstacles that are hindering progress on Issue 3? \*

**Your Recommendation**

- From the 3 issues you described above, which issue do you think USAID is best-suited to address? Specifically, where is there the biggest opportunity for USAID to strengthen the current work of local actors? Why? \*

**Other Reflections**

- The following questions and prompts provide space for you to share other reflections about things you heard, saw, and experienced. All of the questions below are optional.
- Please provide any other reflections (other issues, notes about the listening process) that you would like to share that are not captured above.
- Is there anything that you saw during your trip (outside of your conversations) that you would like to share?
- What challenges did your team face during the course of the week?
- Please leave any other comments or feedback below

THANK YOU!

Send me a copy of my responses. (Checkbox)

## **ANNEX 3: GUIDANCE ON NOTE-TAKING AND DEBRIEFING**

Below is the content reviewed with Broad Listening participants prior to each field visit.

### **Purpose**

Thank you for participating in the Listening Tour. We hope and expect that everyone will have great conversations.

The primary purpose of the Listening Tour is to narrow down areas of focus for future assistance. Specifically, we are hoping to identify priority areas where there are already local actors doing good work that we can support.

What follows is guidance on how to record what you hear and experience so we can gather everyone's findings and input.

### **Taking Notes**

- **Take notes to assist with your own recall. Consider including:**
  - Basic information (date, time, location, non-identifying information, other teammates who were with you)
  - Key ideas (priorities, issues, names of local organizations, resources, barriers)
  - Great quotes (even if the source is confidential, quotes should be verbatim)
  - Anything else that strikes you as interesting or important that you want to record
- You will not be asked to type-up or otherwise share your notes.
- However, you may be asked to justify your opinions and impressions, so be sure to take good notes!

### **Debriefing Process**

Debriefing for this activity consists of three parts:

- 1) Short, informal debriefs with your team during the week. Feel free to discuss what you heard after conversations, over meals, and while traveling.
- 2) Your individual impressions. At the end of the week you will be asked to fill out a short Google Form to record your impressions. You will also be given a Word document, so you can track your thoughts during the week. It is extremely important that you complete this **BEFORE** step 3.
- 3) End-of-week team debrief. At the end of the week, the entire team from your region should come together to discuss key findings.

### **Debrief: Individual Impressions**

You will be given a Word document and a link to a Google Form.

- Complete this form individually (without discussing with your travel mates) at the end of each week in the field.
- You can complete one form for the entire week, or multiple forms if you visited multiple sites and feel that the sites are substantially different from one another. This is a personal decision and is completely up to your own judgment.
- There are no right or wrong answers. We ask that you answer the questions based on what you heard, your notes, as well as your intuition.
- The form should take 15-30 minutes to complete.
- You can fill out the Word document and copy-paste into the Google Form (to be provided) or fill out the Google Form directly.

### **Team Debrief**

- Prior to beginning your team debrief, ensure that **EVERYONE** has completed their individual debrief form.



- If not, have everyone complete the form first. Do NOT have a team debrief until everyone has completed this task. This is essential.
- If you do not have internet access, you can complete your individual debrief in the Word document and upload it later. However, you must not, under any circumstances, change your answers as a result of your team debrief. There are no right or wrong answers, and it is critical that the individual debrief captures your individual impressions prior to the team debrief.
- At the end of the week, come together as a team. This can be done in the field or in the office.
- As a team, discuss what you heard during the week. Designate a note-taker to capture the key points. Your team should submit a single summary of findings (1 page is sufficient) to Jay by the end of the day on Friday. There is no specific format, but be sure to include:
  - Dates
  - Team member names
  - Location(s)
  - Number of conversations
  - Approximate number of people you spoke with
  - Highlights (key themes, issues, resources, barriers, opportunities, etc.)

## **ANNEX 4: AGREEMENT ANALYSIS: ISSUES BY REGION**

KEY														
"X" Indicates that this issue was mentioned as a "top 3" issue by at least one of the team members														
100% Agreement - Listed by every team member														
Listed by the majority of team members (50% if more than 2 person team)														
Region	City	Livelihoods	Urban Planning / Infrastructure	Lack of basic services	Governance	Education	Water	Agriculture	Economic Development	Environment	Health	Land security / tenure	Peace and Order	Other
Ilocos Norte	Laoag City	X			X	X		X						
Ilocos Norte	Burgos	X	X			X	X	X	X					
Cagayan	Claveria, Sta. Praxedes an	X	X	X						X	X			
Benguet	Tublay	X	X				X	X		X				
Pampanga	Angeles City	X	X		X	X							X	X
La Trinidad	Baguio City	X	X	X			X		X					X
Pampanga	Sto. Tomas	X	X			X			X					
Leyte	Tunga	X		X	X	X			X		X			X
Tacloban	Tacloban City	X	X				X							X
Iloilo	Bingawan and Iloilo City	X	X		X	X	X							
Batangas	Santa Teresita	X		X		X								
Batangas	Batangas City	X		X	X			X				X	X	
Cebu	Catmon	X	X	X	X					X		X		
Cebu	Cebu City	X	X		X		X			X	X	X		
Palawan	Safronio, Espanola	X	X	X	X			X		X				X
Palawan	Puerto Princesa City	X	X						X		X	X		
Davao	Davao City	X		X			X						X	
<b>Number of Locations Where Mentioned:</b>		<b>17</b>	<b>12</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>5</b>

## **ANNEX 5: CLUSTER ANALYSIS BY ISSUE**

	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
Agriculture/ISS														
1: Declining Interest	0	0	0	0	0	0	0	4	4	0	0	0	0	8
2: External Price Contr	0	1	1	0	0	0	0	3	1	0	0	0	0	6
3: GMO	0	0	0	0	0	0	0	5	0	0	0	0	0	5
4: Land Conversion	0	0	0	0	0	0	0	3	0	1	0	1	0	5
5: Low Incomes	0	2	0	0	0	0	0	3	0	1	1	0	0	10
6: Machinery	0	0	0	0	0	0	0	6	1	0	0	0	0	1
	0	3	1	0	0	0	0	0	1	0	1	1	0	
							21	7	1	1	1	1	0	

Issue-Obstacle Corr 0.94559644

	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
Agriculture/Obst														
1: Climate Change	0	0	0	0	0	0	0	1	0	0	0	0	0	1
2: Corruption	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3: Funding	0	0	0	1	0	0	0	1	0	0	0	0	0	2
4: Government Ineffici	0	0	1	1	0	0	0	3	0	0	0	0	0	5
5: High Production Cos	0	0	0	0	0	0	0	1	1	0	0	0	0	2
6: Inadequate Infrastru	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7: Lack of Education, S	0	0	1	0	0	0	0	3	1	0	0	0	0	5
8: Lack of Mechanizati	0	0	0	0	0	0	0	0	2	0	0	0	0	2
9: Lack of Space	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10: Lack of Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11: Limited Capacity of	0	0	0	0	0	0	0	1	0	0	0	0	0	1
12: Political Obstacles	0	0	0	1	0	0	0	2	0	0	0	0	0	3
	0	0	2	3	0	0	0	12	4	0	0	0	0	

Obstacle - Resources Co 0.89890836

	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
Ag Res														
1: Academic Partnersh	0	0	0	0	0	0	0	1	0	0	0	0	0	1
2: Community Organiz	0	0	0	0	1	0	0	2	0	0	0	0	0	3
3: Faith-Based Organiz	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4: Farmer Cooperative	0	0	0	1	0	0	0	3	0	0	0	0	0	4
5: Farmer Education an	0	0	0	0	0	0	0	1	0	0	0	0	0	1
6: International NGO o	0	0	0	0	0	0	0	0	0	0	0	1	0	1
7: Local Government	0	1	0	1	0	0	0	3	0	0	0	1	0	6
8: Local NGO	0	0	0	0	0	0	0	1	0	0	0	1	0	2
9: National Governmen	0	0	0	0	0	0	0	4	0	0	0	1	0	5

10 : Private Sector	0	0	0	0	0	0	2	0	0	0	0	0	0	2
11 : Provincial Governm	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	0	1	0	3	0	0	18	0	0	0	4	0	0	

Resources - Issues Corr 0.90253348

BasicServicesISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
1 : Lack of Facilities	0	5	1	2	2	1	0	0	0	1	0	3	0	15
2 : Lack of Resources (Health Pract., Funding,	0	10	1	1	3	2	0	0	1	3	0	2	0	23
	0	15	2	3	5	3	0	0	1	4	0	5	0	

Issue-Obstacle Corr 0.71149508

BasicServicesObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Corruption	0	1	0	0	1	0	0	0	0	0	0	0	0	2
2 : Funding	0	1	0	2	3	1	0	0	0	0	1	1	0	9
3 : Government Inefficiency	0	3	0	0	2	1	0	0	0	0	1	1	0	8
4 : Inadequate Infrastructure	0	1	0	0	1	0	0	0	1	0	0	0	0	3
5 : Lack of Education, Skills, or Awareness	0	0	0	0	2	1	0	0	1	1	0	0	0	5
6 : Lack of Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 : Limited Capacity of Community Organizat	0	1	0	0	0	0	0	0	0	0	0	0	0	1
8 : Obstacles to Business Ownership	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Political Obstacles	0	2	0	0	2	0	0	0	0	0	0	0	0	4
	0	9	0	2	11	3	0	0	2	3	2	0	0	

Obstacle - Resources Corr 0.76916479

BasicServicesRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Academic Partnerships	0	0	0	0	0	0	1	0	0	0	0	0	0	1
2 : Community Organization	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3 : Faith-Based Organization	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 : International NGO or Foreign Governmen	0	0	0	0	1	0	0	0	0	0	1	0	0	2
5 : Local Government	0	6	0	1	1	2	0	0	0	1	0	0	0	11
6 : Local NGO	0	0	0	0	0	0	0	0	1	0	0	0	0	1
7 : National Government	0	1	0	0	1	1	0	0	0	2	1	0	0	6
8 : Private Sector	0	1	0	0	0	0	0	0	0	0	0	0	0	1
9 : Provincial Government	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	0	9	0	1	3	4	1	0	1	3	2	0	0	

Resources - Issues Corr 0.85891449



EcDevISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
1 : Small Business Issues	0	5	0	1	0	0	5	0	0	1	0	6	3	21
2 : Tourism Declining	0	0	0	2	0	0	0	0	2	0	2	0	0	6
3 : Tourism Growing	1	0	0	0	0	0	1	0	0	0	0	0	0	2
	1	5	0	3	0	0	6	0	2	1	2	6	3	

Issue-Obstacle Corr 0.35355339

EcDevObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Climate Change	0	0	0	0	0	0	0	0	0	1	0	0	0	1
2 : Corruption	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 : Funding or Lack of Capi	0	0	0	0	0	0	1	0	1	1	0	1	0	4
4 : Government Inefficienc	0	0	0	0	0	0	0	0	0	0	1	2	0	3
5 : Inadequate Infrastructu	0	0	0	0	0	0	0	0	1	0	1	0	0	2
6 : Lack of Education, Skills	0	0	0	0	0	0	0	0	0	1	0	0	0	1
7 : Lack of Space	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 : Lack of Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Limited Capacity of Com	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 : Obstacles to Business	0	0	0	0	0	0	0	0	1	0	0	1	0	2
11 : Political Obstacles	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	0	3	3	2	4	0	

Obstacle - Resources Corr 0.47482641

EcDevRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Academic Partnerships	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 : Community Organizatio	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3 : Diasporic Community	0	0	0	0	0	0	2	0	0	0	0	0	0	2
4 : Faith-Based Organizatio	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 : International NGO or F	0	0	0	0	0	0	0	0	0	1	0	0	0	1
6 : Local Government	1	0	0	0	0	0	1	0	1	1	1	0	0	5
7 : Local NGO	0	0	0	0	0	0	0	0	0	1	0	0	0	1
8 : National Government	0	0	0	0	0	0	0	0	0	2	1	0	0	3
9 : Private Sector	0	0	0	0	0	0	1	0	0	2	1	0	0	4
10 : Provincial Governmen	1	0	0	0	0	0	1	0	1	0	0	0	0	3
	2	0	0	0	0	0	5	0	2	8	3	0	0	

Resources - Issues Corr 0.07994118

EducationISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Ilolio	La Trinidad	Leyte	Palawan	Pampanga	Tacloban		
1 : Access	0	3	0	0	0	0	0	3	0	0	2	0	4	0	12
2 : Cost or Fees	0	5	0	0	0	0	0	10	0	0	3	0	10	0	28
3 : Quality	0	3	0	0	1	0	0	0	2	0	0	0	1	0	7
	0	11	0	0	1	0	0	13	2	0	5	0	15	0	

Issue-Obstacle Corr 0.95430565

EducationObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Corruption	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
2 : Facilities - Inadequate o	0	1	0	0	0	0	0	0	1	0	1	0	1	0	4
3 : Funding	0	2	0	0	0	0	0	5	2	0	1	0	5	0	15
4 : Government Inefficienc	0	2	0	0	0	0	0	3	0	0	0	0	1	0	6
5 : Lack of Education, Skills,	0	1	0	0	0	0	0	1	0	0	1	0	1	0	4
6 : Limited Capacity of Com	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7 : Political Obstacles	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	8	0	0	0	0	0	12	3	0	3	0	8	0	

Obstacle - Resources Corr 0.94113084

EducationRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Academic Partnerships	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
2 : Community Organizatio	0	1	0	0	0	0	0	2	0	0	0	0	1	0	4
3 : Diasporic Community	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
4 : Faith-Based Organizatio	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5 : International NGO or Fo	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
6 : Local Government	0	2	0	0	0	0	0	7	0	0	1	1	4	0	15
7 : Local NGO	0	0	0	0	0	0	0	2	1	0	0	0	3	0	6
8 : National Government	0	2	0	0	0	0	0	4	0	0	0	1	1	0	8
9 : Parent Organization	0	1	0	0	0	0	0	3	1	0	0	0	3	0	8
10 : Private Sector	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
11 : Provincial Government	0	1	0	0	0	0	0	2	0	0	0	0	0	0	3
	0	8	0	0	0	0	0	24	3	0	1	3	15	0	

Resources - Issues Corr 0.88609521

EnvironmentISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Ilolio	La Trinidad	Leyte	Palawan	Pampanga	Tacloban		
1 : Mining	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
2 : Soil Erosion	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
3 : Waste Managemen	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4
	0	0	0	2	2	1	0	0	0	0	0	3	0	0	

Issue-Obstacle Corr 0.92755488

EnvironmentObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Climate Change	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2 : Corruption	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 : Funding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 : Government Ineffic	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
5 : Inadequate Infrastr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 : Lack of Education, S	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
7 : Lack of Space	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 : Lack of Water	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
9 : Limited Capacity of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 : Political Obstacles	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	0	0	0	1	2	0	0	0	0	0	0	2	0	0	

Obstacle - Resources C 0.66176788

EnvironmentRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Academic Partnersh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2 : Community Organiz	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
3 : International NGO	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
4 : Local Government	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
5 : Local NGO	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6 : National Governme	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
7 : Private Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 : Provincial Governm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	4	2	0	0	0	0	0	0	1	0	0	

Resources - Issues Cor 0.71230555

GovernanceISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Ilolio	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
1 : Corruption	0	1	1	0	0	2	0	3	0	0	0	0	0	6
2 : Elite Capture	0	0	0	0	1	3	0	1	0	0	0	0	0	5
3 : Family Dynasty	0	0	0	0	0	5	0	1	0	0	0	0	0	6
4 : Inefficiency and Burea	0	0	0	0	0	1	0	4	0	0	0	0	3	8
	0	1	0	0	1	11	0	9	0	0	0	0	3	0

Issue-Obstacle Corr 0.83265098

GovernanceObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Corruption	0	0	0	0	0	1	0	1	0	0	0	0	0	2
2 : Funding	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 : Government Inefficien	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4 : Lack of Education, Skil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 : Limited Capacity of Co	0	0	0	0	0	1	0	0	0	0	1	0	0	2
6 : Political Obstacles	0	0	0	0	0	5	0	1	0	0	0	0	0	6
	0	0	0	0	0	7	0	2	0	0	2	0	0	0

Obstacle - Resources Cor 0.96099455

GovernanceRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Academic Partnership	0	0	0	0	0	0	0	1	0	0	0	0	0	1
2 : Community Organizati	0	0	0	0	0	2	0	0	0	0	0	0	0	2
3 : International NGO or F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 : Local Government	0	0	0	0	0	1	0	0	0	0	0	0	0	1
5 : Local NGO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 : National Government	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7 : Private Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 : Provincial Governmen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	4	0	1	0	0	0	0	0	0

Resources - Issues Corr 0.87003891

HealthISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tacloban		
1 : HIV	0	0	0	0	0	1	0	1	0	0	0	1	0	0	3
2 : Teen Preg	0	1	0	0	1	0	0	1	4	1	0	0	0	0	8
3 : General H	0	9	0	0	1	1	1	2	5	0	4	1	0	0	24
	0	10	0	0	2	2	1	4	9	1	4	2	0	0	

Issue-Obstacl 0.32494763

HealthObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Corruptio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2 : Funding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 : Governme	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 : Inadequat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 : Lack of Ed	0	0	0	0	1	1	0	0	1	0	1	0	0	0	4
6 : Lack of W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 : Limited Ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 : Political O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0

Obstacle - Re 0.78211795

HealthRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Academic	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
2 : Communit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 : Faith-Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 : Internatio	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
5 : Local Gov	0	0	0	0	0	1	0	0	0	0	1	1	0	0	3
6 : Local NGO	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
7 : National G	0	0	0	0	1	0	0	0	0	0	1	1	0	0	3
8 : Private Se	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Provincial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	2	3	0	0	1	0	2	2	0	0	0

Resources - Is 0.09354035

LandSecurityISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
1 : Informal Settlers	0	2	0	0	0	2	0	0	0	0	0	0	0	4
2 : Tenant Farming	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	0	2	0	0	0	2	0	2	0	0	0	0	0	

Issue-Obstacle Corr 0.4937803

LandSecObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Climate Change	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 : Corruption	0	0	0	0	0	1	0	0	0	0	0	0	0	1
3 : Funding	0	0	0	0	0	1	0	0	0	0	0	0	0	1
4 : Government Inefficie	0	0	0	0	0	2	0	0	0	0	0	0	0	2
5 : Inadequate Infrastruc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 : Lack of Education, Skil	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7 : Lack of Space	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8 : Lack of Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Limited Capacity of Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 : Obstacles to Busines	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 : Political Obstacles	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	5	0	0	0	0	0	1	0	0

Obstacle - Resources Cor 0.4937803

LandSecurityRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Academic Partnership	0	0	0	0	0	0	0	1	0	0	0	0	0	1
2 : Community Organizat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 : Faith-Based Organizat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 : International NGO or	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 : Local Government	0	1	0	0	0	0	0	0	0	0	0	0	0	1
6 : Local NGO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 : National Government	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8 : Private Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Provincial Governmen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	1	0	1	0	0	0	0	0	0

Resources - Issues Corr 1

LivelihoodISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Ilolio	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
1: Insufficient Income	0	8	2	0	1	1	5	0	1	2	1	2	0	23
2: Lack of Opportunities	0	5	0	5	3	0	7	2	1	1	1	6	4	35
3: Limited Skills	0	2	0	1	2	0	1	0	2	0	1	3	0	12
4: Seasonal Income	0	6	1	3	0	0	4	0	0	1	0	0	1	16
5: Sources of Income Available	0	5	0	0	1	0	2	0	0	1	0	3	1	13
	0	26	3	9	7	1	19	2	4	5	3	14	6	

Issue-Obstacle Corr 0.93680196

LivelihoodsObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1: Climate Change	0	0	0	0	0	0	0	0	0	0	1	0	0	2
2: Corruption	0	1	0	0	0	0	1	0	0	0	0	0	0	2
3: Funding	0	2	0	1	0	1	2	0	0	0	1	2	0	9
4: Government Inefficiency	0	4	0	0	1	0	2	0	0	0	0	0	1	8
5: Inadequate Infrastructure	0	0	0	1	0	1	0	0	0	0	0	0	1	3
6: Lack of Education, Skills, or Aw	0	4	0	1	0	0	2	0	2	0	0	3	2	14
7: Lack of Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8: Limited Capacity of Community	0	2	0	0	1	0	0	0	0	0	0	1	0	4
9: Limited Variety of Jobs Availabl	0	3	1	0	0	0	3	0	1	1	0	1	1	11
10: Obstacles to Business Owners	0	5	1	1	0	1	3	0	0	0	1	0	1	13
11: Political Obstacles	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	0	24	2	4	2	3	13	0	3	2	2	7	7	

Obstacle - Resources Corr 0.9299415

LivelihoodRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1: Academic Partnerships	0	0	0	0	0	0	1	0	0	0	0	0	1	2
2: Community Organization	0	6	0	1	1	0	3	0	0	1	1	0	0	13
3: Diasporic Community	0	0	1	0	0	0	2	0	0	0	0	0	0	3
4: Faith-Based Organization	0	1	0	0	1	0	0	0	0	0	1	1	1	5
5: International NGO or Foreign G	0	0	1	0	0	0	0	1	1	0	0	0	2	5
6: Job Training	0	0	0	0	0	0	1	0	0	0	0	0	0	1
7: Local Government	0	6	1	2	3	1	2	0	1	0	1	0	1	18
8: Local NGO	0	1	0	0	0	0	3	1	1	1	0	0	2	9
9: National Government	0	3	1	0	2	1	1	0	0	1	1	0	1	11
10: Private Sector	0	5	1	0	0	0	1	1	0	1	1	2	1	13
11: Provincial Government	0	0	0	0	0	0	2	0	1	0	0	0	0	3
12: Remittances from Family or Fr	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	0	23	5	3	7	2	16	3	4	4	5	3	9	

Resources - Issues Corr 0.86657437



PeaceOrdISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Ilolio	La Trinidad	Leyte	Palawan	Pampanga	Tacloban		
1 : Drugs	0	2	0	0	0	1	0	1	3	0	0	0	3	0	10
2 : Gangs and	0	0	0	0	1	0	3	0	0	0	0	0	0	0	4
3 : Law Enfor	0	1	0	0	0	0	0	0	0	0	0	0	2	0	3
	0	3	0	0	1	1	3	1	3	0	0	0	5	0	

Issue-Obstacl 0.67134509

PeaceOrdObsA	Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Corruptio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2 : Funding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 : Governme	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 : Inadequat	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5 : Lack of Ed	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6 : Lack of W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 : Law Enfor	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
8 : Limited Ca	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
9 : Obstacles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 : Political	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	4	0	

Obstacle - Re 0.31416904

PeaceOrdRES A	Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Ilolio	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban		
1 : Academic	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
2 : Communit	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
3 : Faith-Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 : Internatio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 : Local Gov	0	2	0	0	0	0	2	0	0	0	0	0	2	0	6
6 : Local NGO	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7 : National G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 : Private Se	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Provincial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	0	0	0	0	4	1	0	0	0	0	2	0	

Resources - Is 0.6947816

UrbanInfrastructureObs	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tarlolan	
1 : Farm-to-Market	0	0	0	0	4	0	0	3	0	0	2	0	0	9
2 : Flooding	0	0	0	0	2	0	0	0	0	0	1	6	4	13
3 : Informal Settlers	0	0	0	0	2	0	0	0	1	0	0	0	0	3
4 : Rapid Growth	0	0	2	1	34	0	0	2	6	0	0	0	1	46
5 : Traffic	0	0	0	0	4	0	0	0	3	0	0	4	0	11
6 : Waste Management	1	0	5	5	4	0	1	1	2	0	0	1	2	22
	1	0	7	6	50	0	1	6	12	0	3	11	7	

Issue-Obstacle Corr 0.85574728

UrbanInfrastructureObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Climate Change	0	0	0	0	0	0	0	1	0	0	0	0	0	1
2 : Corruption	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 : Funding	1	0	1	0	1	0	0	2	1	0	0	2	0	8
4 : Government Inefficiency	0	0	0	1	6	0	0	1	2	0	0	1	2	13
5 : Inadequate Infrastructure	1	0	0	0	0	0	0	0	1	0	0	2	1	5
6 : Lack of Education, Skills,	0	0	0	0	3	0	1	0	1	0	0	0	0	5
7 : Lack of Space	1	0	2	0	0	0	0	0	3	0	0	1	0	7
8 : Lack of Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Limited Capacity of Com	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 : Obstacles to Business O	1	0	0	0	0	0	0	1	1	0	0	0	0	3
11 : Political Obstacles	0	0	0	0	4	0	0	2	0	0	0	0	1	7
	4	0	3	1	14	0	1	7	9	0	0	6	4	

Obstacle-Resource Corr 0.95940185

UrbanInfrastructureRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Academic Partnerships	0	0	1	1	2	0	2	1	1	2	0	0	0	6
2 : Community Organization	0	0	0	0	1	0	0	0	0	0	0	0	0	9
3 : Faith-Based Organization	0	0	0	0	1	0	0	0	0	0	0	0	0	1
4 : International NGO or For	0	0	0	0	0	0	0	1	1	0	0	2	0	4
5 : Local Government	0	0	2	1	9	0	0	2	4	0	0	3	2	23
6 : Local NGO	1	0	0	0	0	0	0	2	1	0	0	1	1	6
7 : National Government	0	0	0	0	7	0	0	1	0	0	0	2	2	12
8 : Private Sector	0	0	0	1	1	0	1	2	2	0	0	1	0	8
9 : Provincial Government	0	0	0	0	1	0	0	0	2	0	0	0	0	3
	1	0	3	3	21	0	4	10	13	0	0	9	8	

Resource-Issue Corr 0.87238158

Water Issues	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
1 : Infrastructure specifi	0	0	0	2	0	0	0	2	3	1	0	0	0	8
2 : Scarcity	0	0	0	1	0	0	1	0	1	2	0	0	0	7
3 : Supply and Distributi	0	0	0	5	0	2	0	1	4	4	0	0	0	20
4 : Water Pollution	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	0	0	0	8	0	2	2	3	8	8	0	0	0	6

Issue-Obstacle Corr 0.82324404

Water Obstacles	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Climate Change	0	0	0	1	0	0	0	0	1	1	0	0	0	3
2 : Corruption	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 : Funding	0	0	0	1	0	0	1	1	4	0	0	0	0	7
4 : Government Inefficie	0	0	0	2	0	0	0	0	1	0	0	0	0	4
5 : Inadequate Infrastru	0	0	0	2	0	0	0	0	4	1	0	0	0	8
6 : Lack of Education, Sk	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 : Limited Capacity of C	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 : Obstacles to Busines	0	0	0	0	0	0	0	0	1	0	0	0	0	1
9 : Political Obstacles	0	0	0	2	0	0	0	0	1	0	0	0	0	6
	0	0	0	8	0	0	1	1	12	2	0	0	0	5

Obstacle - Resources Co 0.97647594

WaterRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Academic Partnershi	0	0	0	0	0	0	0	1	2	0	0	0	0	4
2 : Community Organiza	0	0	0	1	0	0	0	0	0	0	0	0	0	1
3 : Faith-Based Organiza	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 : International NGO or	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5 : Local Government	0	0	0	3	0	1	1	1	4	0	0	0	0	11
6 : Local NGO	0	0	0	0	0	0	0	0	1	0	0	0	0	2
7 : National Governmen	0	0	0	2	0	0	0	0	1	0	0	0	0	3
8 : Private Sector	0	0	0	2	0	0	0	0	1	1	0	0	0	5
9 : Provincial Governme	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	0	0	0	9	0	1	1	2	10	1	0	0	0	4

Resources - Issues Corr 0.80681219

OtherISS	Baguio	Batangas	Benguet	Cagayan	Cebu	Davao	IlocosNorte	Iloilo	La Trinidad	Leyte	Palawan	Pampanga	Tacloban	
1 : Other	1	2	0	3	0	2	1	7	0	1	1	5	1	24
2 : Social Valu	0	1	0	0	0	0	0	4	1	1	0	2	1	10
3 : Youth	0	1	0	3	0	2	1	7	1	0	0	3	0	18
	1	4	0	6	0	4	2	18	2	2	1	10	2	

Issue-Obstacl 0.03457936

OtherObs	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Corruptio	0	1	0	0	0	0	0	0	0	0	0	0	0	1
2 : Funding	1	0	0	0	0	0	0	0	0	1	0	0	0	2
3 : Governme	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4 : Inadequat	1	0	0	0	0	0	0	0	1	0	0	0	0	2
5 : Lack of Ed	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6 : Lack of W	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 : Limited Ca	0	0	0	0	0	0	0	0	0	0	0	1	0	1
8 : Political O	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	0	0	0	0	0	0	2	0	0	2	0	

Obstacle - Re -0.0496243

OtherRES	A : Baguio	B : Batangas	C : Benguet	D : Cagayan	E : Cebu	F : Davao	G : Ilocos Nor	H : Iloilo	I : La Trinidad	J : Leyte	K : Palawan	L : Pampanga	M : Tacloban	
1 : Academic	0	0	0	0	0	0	1	0	0	0	0	0	0	1
2 : Communit	0	0	0	0	0	0	0	0	0	1	0	0	0	1
3 : Faith-Base	0	0	0	0	0	0	0	1	0	0	0	0	0	1
4 : Internatio	0	0	0	0	0	0	0	0	1	0	0	0	0	1
5 : Local Gov	0	0	0	0	0	0	0	1	0	1	0	0	0	2
6 : Local NGO	0	0	0	0	0	0	0	1	1	0	0	0	0	2
7 : National G	0	0	0	0	0	0	0	1	1	0	1	0	0	3
8 : Private Se	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 : Provincial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	4	3	2	1	0	0	

Resources - Is 0.50655605

## **ANNEX 6: CLUSTER ANALYSIS BY REGION**

**Baguio**

<b>AgricultureObs</b>	<b>A : Baguio</b>	<b>AgricultureRES</b>	<b>A : Baguio</b>	<b>AgricultureISS</b>	<b>A : Baguio</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	0		0
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	0				
<b>BasicServicesObs</b>	<b>A : Baguio</b>	<b>BasicServicesRES</b>	<b>A : Baguio</b>	<b>BasicServicesISS</b>	<b>A : Baguio</b>
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	0
2 : Funding	0	2 : Community Organization	0	2 : Lack of Resources (Health F	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0		0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		
<b>EcDevObs</b>	<b>A : Baguio</b>	<b>EcDevRES</b>	<b>A : Baguio</b>	<b>EcDevISS</b>	<b>A : Baguio</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	0
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	1
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		1
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	1		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	1		
11 : Political Obstacles	0		2		
	0				
<b>EducationObs</b>	<b>A : Baguio</b>	<b>EducationRES</b>	<b>A : Baguio</b>	<b>EducationISS</b>	<b>A : Baguio</b>
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	0
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	0	3 : Diasporic Community	0	3 : Quality	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	0		
7 : Political Obstacles	0	7 : Local NGO	0		
	0	8 : National Government	0		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			0		

<b>EnvironmentObs</b>	<b>A : Baguio</b>	<b>EnvironmentRES</b>	<b>A : Baguio</b>	<b>EnvironmentISS</b>	<b>A : Baguio</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		0
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				
<b>GovernanceObs</b>	<b>A : Baguio</b>	<b>GovernanceRES</b>	<b>A : Baguio</b>	<b>GovernanceISS</b>	<b>A : Baguio</b>
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucrac	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		0
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
<b>HealthObs</b>	<b>A : Baguio</b>	<b>HealthRES</b>	<b>A : Baguio</b>	<b>HealthISS</b>	<b>A : Baguio</b>
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
<b>LandSecurityObs</b>	<b>A : Baguio</b>	<b>LandSecurityRES</b>	<b>A : Baguio</b>	<b>LandSecurityISS</b>	<b>A : Baguio</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
<b>LivelihoodsObs</b>	<b>A : Baguio</b>	<b>LivelihoodRES</b>	<b>A : Baguio</b>	<b>LivelihoodISS</b>	<b>A : Baguio</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	0
2 : Corruption	0	2 : Community Organization	0	2 : Lack of Opportunities	0
3 : Funding	0	3 : Diasporic Community	0	3 : Limited Skills	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0	4 : Seasonal Income	0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0	5 : Sources of Income Available	0
6 : Lack of Education, Skills, or Awareness	0	6 : Job Training	0		0
7 : Lack of Water	0	7 : Local Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	0		
9 : Limited Variety of Jobs Available	0	9 : National Government	0		
10 : Obstacles to Business Ownership	0	10 : Private Sector	0		
11 : Political Obstacles	0	11 : Provincial Government	0		
	0	12 : Remittances from Family or Friends	0		
			0		



OtherObs	A : Baguio	OtherRES	A : Baguio	OtherISS	A : Baguio
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	1
2 : Funding	1	2 : Community Organization	0	2 : Social Values	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	0
4 : Inadequate Infrastructure	1	4 : International NGO or Foreign Government	0		1
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	2	9 : Provincial Government	0		
			0		
PeaceOrdObs	A : Baguio	PeaceOrdRES	A : Baguio	PeaceOrdISS	A : Baguio
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	0
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				
UrbanInfrastructureObs	A : Baguio	UrbanInfrastructureRES	A : Baguio	UrbanInfrastructureISS	A : Baguio
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	0	2 : Flooding	0
3 : Funding	1	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Rapid Growth	0
5 : Inadequate Infrastructure	1	5 : Local Government	0	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	1	6 : Waste Management	1
7 : Lack of Space	1	7 : National Government	0		1
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	1		1		
11 : Political Obstacles	0				
	4				
WaterObs	A : Baguio	WaterRES	A : Baguio	WaterISS	A : Baguio
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Infrastructure specific to po	0
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Supply and Distribution	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Water Pollution	0
5 : Inadequate Infrastructure	0	5 : Local Government	0		0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		

## Batangas

<b>AgricultureObs</b>	<b>B : Batangas</b>	<b>Ag Res</b>	<b>B : Batangas</b>	<b>AgricultureISS</b>	<b>B : Batangas</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	1
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	2
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	1		3
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		1		
<b>BasicServicesObs</b>	<b>B : Batangas</b>	<b>BasicServicesRES</b>	<b>B : Batangas</b>	<b>BasicServicesISS</b>	<b>B : Batangas</b>
1 : Corruption	1	1 : Academic Partnerships	0	1 : Lack of Facilities	5
2 : Funding	1	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	10
3 : Government Inefficiency	3	3 : Faith-Based Organization	0		15
4 : Inadequate Infrastructure	1	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	6		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	1	7 : National Government	1		
8 : Obstacles to Business Ownership	0	8 : Private Sector	1		
9 : Political Obstacles	2	9 : Provincial Government	1		
	9		9		
<b>EcDevObs</b>	<b>B : Batangas</b>	<b>EcDevRES</b>	<b>B : Batangas</b>	<b>EcDevISS</b>	<b>B : Batangas</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	5
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		5
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	0				
<b>EducationObs</b>	<b>B : Batangas</b>	<b>EducationRES</b>	<b>B : Batangas</b>	<b>EducationISS</b>	<b>B : Batangas</b>
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	3
2 : Facilities - Inadequate or Lack of	1	2 : Community Organization	1	2 : Cost or Fees	5
3 : Funding	2	3 : Diasporic Community	0	3 : Quality	3
4 : Government Inefficiency	2	4 : Faith-Based Organization	1		11
5 : Lack of Education, Skills, or Awareness	1	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	1	6 : Local Government	2		
7 : Political Obstacles	1	7 : Local NGO	0		
	8	8 : National Government	2		
		9 : Parent Organization	1		
		10 : Private Sector	0		
		11 : Provincial Government	1		
			8		

<b>EnvironmentObs</b>	<b>B : Batangas</b>	<b>EnvironmentRES</b>	<b>B : Batangas</b>	<b>EnvironmentISS</b>	<b>B : Batangas</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		0
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				
<b>GovernanceObs</b>	<b>B : Batangas</b>	<b>GovernanceRES</b>	<b>B : Batangas</b>	<b>GovernanceISS</b>	<b>B : Batangas</b>
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	1
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		1
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
<b>HealthObs</b>	<b>B : Batangas</b>	<b>HealthRES</b>	<b>B : Batangas</b>	<b>HealthISS</b>	<b>B : Batangas</b>
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	9
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		10
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
<b>LandSecObs</b>	<b>B : Batangas</b>	<b>LandSecurityRES</b>	<b>B : Batangas</b>	<b>LandSecurityISS</b>	<b>B : Batangas</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	2
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		2
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	1		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		1		
11 : Political Obstacles	0				
	0				
<b>LivelihoodsObs</b>	<b>B : Batangas</b>	<b>LivelihoodRES</b>	<b>B : Batangas</b>	<b>LivelihoodISS</b>	<b>B : Batangas</b>
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	8
2 : Corruption	1	2 : Community Organization	6	2 : Lack of Opportunities	5
3 : Funding	2	3 : Diasporic Community	0	3 : Limited Skills	2
4 : Government Inefficiency	4	4 : Faith-Based Organization	1	4 : Seasonal Income	6
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0	5 : Sources of Income Available	5
6 : Lack of Education, Skills, or Awareness	4	6 : Job Training	0		26
7 : Lack of Water	0	7 : Local Government	6		
8 : Limited Capacity of Community Organizations	2	8 : Local NGO	1		
9 : Limited Variety of Jobs Available	3	9 : National Government	3		
10 : Obstacles to Business Ownership	5	10 : Private Sector	5		
11 : Political Obstacles	3	11 : Provincial Government	0		
	24	12 : Remittances from Family or Friends	1		
			23		

OtherObs	B : Batangas	OtherRES	B : Batangas	OtherISS	B : Batangas
1 : Corruption	1	1 : Academic Partnerships	0	1 : Other	2
2 : Funding	0	2 : Community Organization	0	2 : Social Values	1
3 : Government Inefficiency	1	3 : Faith-Based Organization	0	3 : Youth	1
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		4
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	2	9 : Provincial Government	0		
			0		
PeaceOrdObs	B : Batangas	PeaceOrdRES	B : Batangas	PeaceOrdISS	B : Batangas
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	2
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	1
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		3
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	2		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		2		
	0				
UrbanInfrastructureObs	B : Batangas	UrbanInfrastructureRES	B : Batangas	UrbanInfrastructureISS	B : Batangas
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	0	2 : Flooding	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Rapid Growth	0
5 : Inadequate Infrastructure	0	5 : Local Government	0	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0	6 : Waste Management	0
7 : Lack of Space	0	7 : National Government	0		0
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
WaterObs	B : Batangas	WaterRES	B : Batangas	WaterISS	B : Batangas
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Infrastructure specific to potable water	0
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Supply and Distribution	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Water Pollution	0
5 : Inadequate Infrastructure	0	5 : Local Government	0		0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		

**Benguet**

AgricultureObs	C : Benguet	Ag Res	C : Benguet	AgricultureISS	C : Benguet
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	1
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	1	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	1	7 : Local Government	0		1
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	2				
BasicServicesObs	C : Benguet	BasicServicesRES	C : Benguet	BasicServicesISS	C : Benguet
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	1
2 : Funding	0	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0		2
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		
EcDevObs	C : Benguet	EcDevRES	C : Benguet	EcDevISS	C : Benguet
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	0
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	0				
EducationObs	C : Benguet	EducationRES	C : Benguet	EducationISS	C : Benguet
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	0
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	0	3 : Diasporic Community	0	3 : Quality	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	0		
7 : Political Obstacles	0	7 : Local NGO	0		
	0	8 : National Government	0		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			0		

EnvironmentObs	C : Benguet	EnvironmentRES	C : Benguet	EnvironmentISS	C : Benguet
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	1	2 : Soil Erosion	1
3 : Funding	0	3 : International NGO or Foreign Government	1	3 : Waste Management	1
4 : Government Inefficiency	0	4 : Local Government	1		2
5 : Inadequate Infrastructure	0	5 : Local NGO	1		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	1	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		4		
10 : Political Obstacles	0				
	1				
GovernanceObs	C : Benguet	GovernanceRES	C : Benguet	GovernanceISS	C : Benguet
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		0
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
			0		
HealthObs	C : Benguet	HealthRES	C : Benguet	HealthISS	C : Benguet
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
LandSecObs	C : Benguet	LandSecurityRES	C : Benguet	LandSecurityISS	C : Benguet
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	C : Benguet	LivelihoodRES	C : Benguet	LivelihoodISS	C : Benguet
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	2
2 : Corruption	0	2 : Community Organization	0	2 : Lack of Opportunities	0
3 : Funding	0	3 : Diasporic Community	1	3 : Limited Skills	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0	4 : Seasonal Income	1
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	1	5 : Sources of Income Available	0
6 : Lack of Education, Skills, or Awareness	0	6 : Job Training	0		3
7 : Lack of Water	0	7 : Local Government	1		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	0		
9 : Limited Variety of Jobs Available	1	9 : National Government	1		
10 : Obstacles to Business Ownership	1	10 : Private Sector	1		
11 : Political Obstacles	0	11 : Provincial Government	0		
	2	12 : Remittances from Family or Friends	0		
			5		

OtherObs	C : Benguet	OtherRES	C : Benguet	OtherISS	C : Benguet
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	0
2 : Funding	0	2 : Community Organization	0	2 : Social Values	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
PeaceOrdObs	C : Benguet	PeaceOrdRES	C : Benguet	PeaceOrdISS	C : Benguet
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	0
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				
UrbanInfrastructureObs	C : Benguet	UrbanInfrastructureRES	C : Benguet	UrbanInfrastructureISS	C : Benguet
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	1	2 : Flooding	0
3 : Funding	1	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Rapid Growth	2
5 : Inadequate Infrastructure	0	5 : Local Government	2	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0	6 : Waste Management	5
7 : Lack of Space	2	7 : National Government	0		7
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		3		
11 : Political Obstacles	0				
	3				
WaterObs	C : Benguet	WaterRES	C : Benguet	WaterISS	C : Benguet
1 : Climate Change	1	1 : Academic Partnerships	0	1 : Infrastructure specific to potable water	2
2 : Corruption	0	2 : Community Organization	1	2 : Scarcity	1
3 : Funding	1	3 : Faith-Based Organization	0	3 : Supply and Distribution	5
4 : Government Inefficiency	2	4 : International NGO or Foreign Government	1	4 : Water Pollution	0
5 : Inadequate Infrastructure	2	5 : Local Government	3		8
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	2		
8 : Obstacles to Business Ownership	0	8 : Private Sector	2		
9 : Political Obstacles	2	9 : Provincial Government	0		
	8		9		



### Cagayan

AgricultureObs	D : Cagayan	Ag Res	D : Cagayan	AgricultureISS	D : Cagayan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	1	2 : External Price Control	0
3 : Funding	1	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	1	4 : Farmer Cooperatives	1	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	1		0
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	1		3		
	3				
BasicServicesObs	D : Cagayan	BasicServicesRES	D : Cagayan	BasicServicesISS	D : Cagayan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	2
2 : Funding	2	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0		3
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	1		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	2		1		
EcDevObs	D : Cagayan	EcDevRES	D : Cagayan	EcDevISS	D : Cagayan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	1
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	2
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		3
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	0				
EducationObs	D : Cagayan	EducationRES	D : Cagayan	EducationISS	D : Cagayan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	0
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	0	3 : Diasporic Community	0	3 : Quality	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	0		
7 : Political Obstacles	0	7 : Local NGO	0		
	0	8 : National Government	0		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			0		
EnvironmentObs	D : Cagayan	EnvironmentRES	D : Cagayan	EnvironmentISS	D : Cagayan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	2
4 : Government Inefficiency	1	4 : Local Government	1		2
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	1	6 : National Government	1		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		2		
10 : Political Obstacles	0				
	2				

GovernanceObs	D : Cagayan	GovernanceRES	D : Cagayan	GovernanceISS	D : Cagayan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	1
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		1
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
			0		
HealthObs	D : Cagayan	HealthRES	D : Cagayan	HealthISS	D : Cagayan
1 : Corruption	0	1 : Academic Partnerships	1	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	1
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		2
5 : Lack of Education, Skills, or Awareness	1	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Political Obstacles	0	8 : Private Sector	0		
	1	9 : Provincial Government	0		
			2		
LandSecObs	D : Cagayan	LandSecurityRES	D : Cagayan	LandSecurityISS	D : Cagayan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	D : Cagayan	LivelihoodRES	D : Cagayan	LivelihoodISS	D : Cagayan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	0
2 : Corruption	0	2 : Community Organization	1	2 : Lack of Opportunities	5
3 : Funding	1	3 : Diasporic Community	0	3 : Limited Skills	1
4 : Government Inefficiency	0	4 : Faith-Based Organization	0	4 : Seasonal Income	3
5 : Inadequate Infrastructure	1	5 : International NGO or Foreign Government	0	5 : Sources of Income Available	0
6 : Lack of Education, Skills, or Awareness	1	6 : Job Training	0		9
7 : Lack of Water	0	7 : Local Government	2		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	0		
9 : Limited Variety of Jobs Available	0	9 : National Government	0		
10 : Obstacles to Business Ownership	1	10 : Private Sector	0		
11 : Political Obstacles	0	11 : Provincial Government	0		
	4	12 : Remittances from Family or Friends	0		
			3		
OtherObs	D : Cagayan	OtherRES	D : Cagayan	OtherISS	D : Cagayan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	3
2 : Funding	0	2 : Community Organization	0	2 : Social Values	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	3
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		6
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
PeaceOrdObs	D : Cagayan	PeaceOrdRES	D : Cagayan	PeaceOrdISS	D : Cagayan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	0
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		1
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				

UrbanInfrastructureObs	D : Cagayan	UrbanInfrastructureRES	D : Cagayan	UrbanInfrastructureISS	D : Cagayan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	1	2 : Flooding	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	1	4 : International NGO or Foreign Government	0	4 : Rapid Growth	1
5 : Inadequate Infrastructure	0	5 : Local Government	1	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0	6 : Waste Management	5
7 : Lack of Space	0	7 : National Government	0		6
8 : Lack of Water	0	8 : Private Sector	1		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		3		
11 : Political Obstacles	0				
	1				
WaterObs	D : Cagayan	WaterRES	D : Cagayan	WaterISS	D : Cagayan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Infrastructure specific to potable water	0
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Supply and Distribution	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Water Pollution	0
5 : Inadequate Infrastructure	0	5 : Local Government	0		0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		

**Cebu**

AgricultureObs	E : Cebu	Ag Res	E : Cebu	AgricultureISS	E : Cebu
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	0		0
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	0				
BasicServicesObs	E : Cebu	BasicServicesRES	E : Cebu	BasicServicesISS	E : Cebu
1 : Corruption	1	1 : Academic Partnerships	0	1 : Lack of Facilities	2
2 : Funding	3	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	3
3 : Government Inefficiency	2	3 : Faith-Based Organization	0		5
4 : Inadequate Infrastructure	1	4 : International NGO or Foreign Government	1		
5 : Lack of Education, Skills, or Awareness	2	5 : Local Government	1		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	2	9 : Provincial Government	0		
	11		3		
EcDevObs	E : Cebu	EcDevRES	E : Cebu	EcDevISS	E : Cebu
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	0
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	0				
EducationObs	E : Cebu	EducationRES	E : Cebu	EducationISS	E : Cebu
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	0
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	0	3 : Diasporic Community	0	3 : Quality	1
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		1
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	0		
7 : Political Obstacles	0	7 : Local NGO	0		
	0	8 : National Government	0		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			0		
EnvironmentObs	E : Cebu	EnvironmentRES	E : Cebu	EnvironmentISS	E : Cebu
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	1
4 : Government Inefficiency	0	4 : Local Government	0		1
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				

GovernanceObs	E : Cebu	GovernanceRES	E : Cebu	GovernanceISS	E : Cebu
1 : Corruption	1	1 : Academic Partnerships	0	1 : Corruption	2
2 : Funding	0	2 : Community Organization	2	2 : Elite Capture	3
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	5
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	1	4 : Inefficiency and Bureaucracy	1
5 : Limited Capacity of Community Organizations	1	5 : Local NGO	0		11
6 : Political Obstacles	5	6 : National Government	1		
	7	7 : Private Sector	0		
		8 : Provincial Government	0		
			4		
HealthObs	E : Cebu	HealthRES	E : Cebu	HealthISS	E : Cebu
1 : Corruption	0	1 : Academic Partnerships	1	1 : HIV	1
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	1
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	1		2
5 : Lack of Education, Skills, or Awareness	1	5 : Local Government	1		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	1	9 : Provincial Government	0		
			3		
LandSecObs	E : Cebu	LandSecurityRES	E : Cebu	LandSecurityISS	E : Cebu
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	2
2 : Corruption	1	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	1	3 : Faith-Based Organization	0		2
4 : Government Inefficiency	2	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	1	7 : National Government	1		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		1		
11 : Political Obstacles	0				
	5				
LivelihoodsObs	E : Cebu	LivelihoodRES	E : Cebu	LivelihoodISS	E : Cebu
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	1
2 : Corruption	0	2 : Community Organization	1	2 : Lack of Opportunities	3
3 : Funding	0	3 : Diasporic Community	0	3 : Limited Skills	2
4 : Government Inefficiency	1	4 : Faith-Based Organization	1	4 : Seasonal Income	0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0	5 : Sources of Income Available	1
6 : Lack of Education, Skills, or Awareness	0	6 : Job Training	0		7
7 : Lack of Water	0	7 : Local Government	3		
8 : Limited Capacity of Community Organizations	1	8 : Local NGO	0		
9 : Limited Variety of Jobs Available	0	9 : National Government	2		
10 : Obstacles to Business Ownership	0	10 : Private Sector	0		
11 : Political Obstacles	0	11 : Provincial Government	0		
	2	12 : Remittances from Family or Friends	0		
			7		
OtherObs	E : Cebu	OtherRES	E : Cebu	OtherISS	E : Cebu
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	0
2 : Funding	0	2 : Community Organization	0	2 : Social Values	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
PeaceOrdObs	E : Cebu	PeaceOrdRES	E : Cebu	PeaceOrdISS	E : Cebu
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	1
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		1
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				

UrbanInfrastructureObs	E : Cebu	UrbanInfrastructureRES	E : Cebu	UrbanInfrastructureISS	E : Cebu
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Farm-to-Market	4
2 : Corruption	0	2 : Community Organization	2	2 : Flooding	2
3 : Funding	1	3 : Faith-Based Organization	1	3 : Informal Settlers	2
4 : Government Inefficiency	6	4 : International NGO or Foreign Government	0	4 : Rapid Growth	34
5 : Inadequate Infrastructure	0	5 : Local Government	9	5 : Traffic	4
6 : Lack of Education, Skills, or Awareness	3	6 : Local NGO	0	6 : Waste Management	4
7 : Lack of Space	0	7 : National Government	7		50
8 : Lack of Water	0	8 : Private Sector	1		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	1		
10 : Obstacles to Business Ownership	0		21		
11 : Political Obstacles	4				
	14				
WaterObs	E : Cebu	WaterRES	E : Cebu	WaterISS	E : Cebu
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Infrastructure specific to potable water	0
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Supply and Distribution	2
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Water Pollution	0
5 : Inadequate Infrastructure	0	5 : Local Government	1		2
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		1		

*Davao*

AgricultureObs	F : Davao	Ag Res	F : Davao	AgricultureISS	F : Davao
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	0		0
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	0				
BasicServicesObs	F : Davao	BasicServicesRES	F : Davao	BasicServicesISS	F : Davao
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	1
2 : Funding	1	2 : Community Organization	1	2 : Lack of Resources (Health Pract., Funding, Etc.)	2
3 : Government Inefficiency	1	3 : Faith-Based Organization	0		3
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	1	5 : Local Government	2		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	3		4		
EcDevObs	F : Davao	EcDevRES	F : Davao	EcDevISS	F : Davao
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	0
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	0				
EducationObs	F : Davao	EducationRES	F : Davao	EducationISS	F : Davao
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	0
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	0	3 : Diasporic Community	0	3 : Quality	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	0		
7 : Political Obstacles	0	7 : Local NGO	0		
	0	8 : National Government	0		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			0		
EnvironmentObs	F : Davao	EnvironmentRES	F : Davao	EnvironmentISS	F : Davao
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		0
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				

GovernanceObs	F : Davao	GovernanceRES	F : Davao	GovernanceISS	F : Davao
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		0
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
HealthObs	F : Davao	HealthRES	F : Davao	HealthISS	F : Davao
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	1
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		1
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
LandSecObs	F : Davao	LandSecurityRES	F : Davao	LandSecurityISS	F : Davao
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	F : Davao	LivelihoodRES	F : Davao	LivelihoodISS	F : Davao
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	1
2 : Corruption	0	2 : Community Organization	0	2 : Lack of Opportunities	0
3 : Funding	1	3 : Diasporic Community	0	3 : Limited Skills	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0	4 : Seasonal Income	0
5 : Inadequate Infrastructure	1	5 : International NGO or Foreign Government	0	5 : Sources of Income Available	0
6 : Lack of Education, Skills, or Awareness	0	6 : Job Training	0		1
7 : Lack of Water	0	7 : Local Government	1		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	0		
9 : Limited Variety of Jobs Available	0	9 : National Government	1		
10 : Obstacles to Business Ownership	1	10 : Private Sector	0		
11 : Political Obstacles	0	11 : Provincial Government	0		
	3	12 : Remittances from Family or Friends	0		
			2		
OtherObs	F : Davao	OtherRES	F : Davao	OtherISS	F : Davao
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	2
2 : Funding	0	2 : Community Organization	0	2 : Social Values	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	2
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		4
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
PeaceOrdObs	F : Davao	PeaceOrdRES	F : Davao	PeaceOrdISS	F : Davao
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	0
2 : Funding	0	2 : Community Organization	1	2 : Gangs and Violence	3
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		3
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	2		
6 : Lack of Water	0	6 : Local NGO	1		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		4		
	0				



UrbanInfrastructureObs	F : Davao	UrbanInfrastructureRES	F : Davao	UrbanInfrastructureISS	F : Davao
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	0	2 : Flooding	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Rapid Growth	0
5 : Inadequate Infrastructure	0	5 : Local Government	0	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0	6 : Waste Management	0
7 : Lack of Space	0	7 : National Government	0		0
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
WaterObs	F : Davao	WaterRES	F : Davao	WaterISS	F : Davao
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Infrastructure specific to potable water	0
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	1
3 : Funding	1	3 : Faith-Based Organization	0	3 : Supply and Distribution	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Water Pollution	1
5 : Inadequate Infrastructure	0	5 : Local Government	1		2
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	1		1		

*Ilocos Norte*

AgricultureObs	G : Ilocos Norte	Ag Res	G : Ilocos Norte	AgricultureISS	G : Ilocos Norte
1 : Climate Change	1	1 : Academic Partnerships	1	1 : Declining Interest	4
2 : Corruption	0	2 : Community Organization	2	2 : External Price Control	3
3 : Funding	1	3 : Faith-Based Organization	0	3 : GMO	5
4 : Government Inefficiency	3	4 : Farmer Cooperatives	3	4 : Land Conversion	3
5 : High Production Costs	1	5 : Farmer Education and Capacity Building	1	5 : Low Incomes	6
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	3	7 : Local Government	3		21
8 : Lack of Mechanization	0	8 : Local NGO	1		
9 : Lack of Space	0	9 : National Government	4		
10 : Lack of Water	0	10 : Private Sector	2		
11 : Limited Capacity of Community Organizations	1	11 : Provincial Government	1		
12 : Political Obstacles	2		18		
	12				
BasicServicesObs	G : Ilocos Norte	BasicServicesRES	G : Ilocos Norte	BasicServicesISS	G : Ilocos Norte
1 : Corruption	0	1 : Academic Partnerships	1	1 : Lack of Facilities	0
2 : Funding	0	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0		0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		1		
EcDevObs	G : Ilocos Norte	EcDevRES	G : Ilocos Norte	EcDevISS	G : Ilocos Norte
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	5
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	1	3 : Diasporic Community	2	3 : Tourism Growing	1
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		6
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	1		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	1		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	1		
11 : Political Obstacles	0		5		
	1				
EducationObs	G : Ilocos Norte	EducationRES	G : Ilocos Norte	EducationISS	G : Ilocos Norte
1 : Corruption	3	1 : Academic Partnerships	0	1 : Access	3
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	2	2 : Cost or Fees	10
3 : Funding	5	3 : Diasporic Community	3	3 : Quality	0
4 : Government Inefficiency	3	4 : Faith-Based Organization	0		13
5 : Lack of Education, Skills, or Awareness	1	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	7		
7 : Political Obstacles	0	7 : Local NGO	2		
	12	8 : National Government	4		
		9 : Parent Organization	3		
		10 : Private Sector	1		
		11 : Provincial Government	2		
			24		
EnvironmentObs	G : Ilocos Norte	EnvironmentRES	G : Ilocos Norte	EnvironmentISS	G : Ilocos Norte
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		0
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				

GovernanceObs	G : Ilocos Norte	GovernanceRES	G : Ilocos Norte	GovernanceISS	G : Ilocos Norte
1 : Corruption	1	1 : Academic Partnerships	1	1 : Corruption	3
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	1
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	1
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	4
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		9
6 : Political Obstacles	1	6 : National Government	0		
	2	7 : Private Sector	0		
		8 : Provincial Government	0		
			1		
HealthObs	G : Ilocos Norte	HealthRES	G : Ilocos Norte	HealthISS	G : Ilocos Norte
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	1
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	2
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		4
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
LandSecObs	G : Ilocos Norte	LandSecurityRES	G : Ilocos Norte	LandSecurityISS	G : Ilocos Norte
1 : Climate Change	0	1 : Academic Partnerships	1	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	2
3 : Funding	0	3 : Faith-Based Organization	0		2
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		1		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	G : Ilocos Norte	LivelihoodRES	G : Ilocos Norte	LivelihoodISS	G : Ilocos Norte
1 : Climate Change	0	1 : Academic Partnerships	1	1 : Insufficient Income	5
2 : Corruption	1	2 : Community Organization	3	2 : Lack of Opportunities	7
3 : Funding	2	3 : Diasporic Community	2	3 : Limited Skills	1
4 : Government Inefficiency	2	4 : Faith-Based Organization	0	4 : Seasonal Income	4
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0	5 : Sources of Income Available	2
6 : Lack of Education, Skills, or Awareness	2	6 : Job Training	1		19
7 : Lack of Water	0	7 : Local Government	2		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	3		
9 : Limited Variety of Jobs Available	3	9 : National Government	1		
10 : Obstacles to Business Ownership	3	10 : Private Sector	1		
11 : Political Obstacles	0	11 : Provincial Government	2		
	13	12 : Remittances from Family or Friends	0		
			16		
OtherObs	G : Ilocos Norte	OtherRES	G : Ilocos Norte	OtherISS	G : Ilocos Norte
1 : Corruption	0	1 : Academic Partnerships	1	1 : Other	1
2 : Funding	0	2 : Community Organization	0	2 : Social Values	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	1
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		2
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			1		
PeaceOrdObs	G : Ilocos Norte	PeaceOrdRES	G : Ilocos Norte	PeaceOrdISS	G : Ilocos Norte
1 : Corruption	0	1 : Academic Partnerships	1	1 : Drugs	1
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		1
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		1		
	0				

UrbanInfrastructureObs	G : Ilocos Norte	UrbanInfrastructureRES	G : Ilocos Norte	UrbanInfrastructureISS	G : Ilocos Norte
1 : Climate Change	0	1 : Academic Partnerships	1	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	2	2 : Flooding	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Rapid Growth	0
5 : Inadequate Infrastructure	0	5 : Local Government	0	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	1	6 : Local NGO	0	6 : Waste Management	1
7 : Lack of Space	0	7 : National Government	0		1
8 : Lack of Water	0	8 : Private Sector	1		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		4		
11 : Political Obstacles	0				
	1				
WaterObs	G : Ilocos Norte	WaterRES	G : Ilocos Norte	WaterISS	G : Ilocos Norte
1 : Climate Change	0	1 : Academic Partnerships	1	1 : Infrastructure specific to potable water	2
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	0
3 : Funding	1	3 : Faith-Based Organization	0	3 : Supply and Distribution	1
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Water Pollution	0
5 : Inadequate Infrastructure	0	5 : Local Government	1		3
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	1		2		

## Iloilo

AgricultureObs	H : Iloilo	Ag Res	H : Iloilo	AgricultureISS	H : Iloilo
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	4
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	1
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	1	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	1
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	1
7 : Lack of Education, Skills or Awareness	1	7 : Local Government	0		7
8 : Lack of Mechanization	2	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	4				
BasicServicesObs	H : Iloilo	BasicServicesRES	H : Iloilo	BasicServicesISS	H : Iloilo
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	0
2 : Funding	0	2 : Community Organization	0	2 : Lack of Resources (H	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0		0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		
EcDevObs	H : Iloilo	EcDevRES	H : Iloilo	EcDevISS	H : Iloilo
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issue	0
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	0				
EducationObs	H : Iloilo	EducationRES	H : Iloilo	EducationISS	H : Iloilo
1 : Corruption	0	1 : Academic Partnerships	1	1 : Access	0
2 : Facilities - Inadequate or Lack of	1	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	2	3 : Diasporic Community	0	3 : Quality	2
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		2
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	0		
7 : Political Obstacles	0	7 : Local NGO	1		
	3	8 : National Government	0		
		9 : Parent Organization	1		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			3		

EnvironmentObs	H : Iloilo	EnvironmentRES	H : Iloilo	EnvironmentISS	H : Iloilo
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		0
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				
GovernanceObs	H : Iloilo	GovernanceRES	H : Iloilo	GovernanceISS	H : Iloilo
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bure	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		0
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
HealthObs	H : Iloilo	HealthRES	H : Iloilo	HealthISS	H : Iloilo
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	4
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	5
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		9
5 : Lack of Education, Skills, or Awareness	1	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	1		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	1	9 : Provincial Government	0		
			1		
LandSecObs	H : Iloilo	LandSecurityRES	H : Iloilo	LandSecurityISS	H : Iloilo
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	H : Iloilo	LivelihoodRES	H : Iloilo	LivelihoodISS	H : Iloilo
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	0
2 : Corruption	0	2 : Community Organization	0	2 : Lack of Opportunities	2
3 : Funding	0	3 : Diasporic Community	0	3 : Limited Skills	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0	4 : Seasonal Income	0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	1	5 : Sources of Income Av	0
6 : Lack of Education, Skills, or Awareness	0	6 : Job Training	0		2
7 : Lack of Water	0	7 : Local Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	1		
9 : Limited Variety of Jobs Available	0	9 : National Government	0		
10 : Obstacles to Business Ownership	0	10 : Private Sector	1		
11 : Political Obstacles	0	11 : Provincial Government	0		
	0	12 : Remittances from Family or Friends	0		
			3		

OtherObs	H : Iloilo	OtherRES	H : Iloilo	OtherISS	H : Iloilo
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	7
2 : Funding	0	2 : Community Organization	0	2 : Social Values	4
3 : Government Inefficiency	0	3 : Faith-Based Organization	1	3 : Youth	7
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		18
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	1		
6 : Lack of Water	0	6 : Local NGO	1		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			4		
PeaceOrdObs	H : Iloilo	PeaceOrdRES	H : Iloilo	PeaceOrdISS	H : Iloilo
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	3
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		3
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				
UrbanInfrastructureObs	H : Iloilo	UrbanInfrastructureRES	H : Iloilo	UrbanInfrastructureISS	H : Iloilo
1 : Climate Change	1	1 : Academic Partnerships	1	1 : Farm-to-Market	3
2 : Corruption	0	2 : Community Organization	1	2 : Flooding	0
3 : Funding	2	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	1	4 : International NGO or Foreign Government	1	4 : Rapid Growth	2
5 : Inadequate Infrastructure	0	5 : Local Government	2	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	2	6 : Waste Management	1
7 : Lack of Space	0	7 : National Government	1		6
8 : Lack of Water	0	8 : Private Sector	2		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	1		10		
11 : Political Obstacles	2				
	7				
WaterObs	H : Iloilo	WaterRES	H : Iloilo	WaterISS	H : Iloilo
1 : Climate Change	1	1 : Academic Partnerships	2	1 : Infrastructure specific	3
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	1
3 : Funding	4	3 : Faith-Based Organization	0	3 : Supply and Distribution	4
4 : Government Inefficiency	1	4 : International NGO or Foreign Government	0	4 : Water Pollution	0
5 : Inadequate Infrastructure	4	5 : Local Government	4		8
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	1		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Obstacles to Business Ownership	1	8 : Private Sector	1		
9 : Political Obstacles	1	9 : Provincial Government	1		
	12		10		





EnvironmentObs	I : La Trinidad	EnvironmentRES	I : La Trinidad	EnvironmentISS	
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				
GovernanceObs	I : La Trinidad	GovernanceRES	I : La Trinidad	GovernanceISS	
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
HealthObs	I : La Trinidad	HealthRES	I : La Trinidad	HealthISS	
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
LandSecObs	I : La Trinidad	LandSecurityRES	I : La Trinidad	LandSecurityISS	
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	I : La Trinidad	LivelihoodRES	I : La Trinidad	LivelihoodISS	
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	1
2 : Corruption	0	2 : Community Organization	0	2 : Lack of Opportunities	1
3 : Funding	0	3 : Diasporic Community	0	3 : Limited Skills	2
4 : Government Inefficiency	0	4 : Faith-Based Organization	0	4 : Seasonal Income	0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	1	5 : Sources of Income Available	0
6 : Lack of Education, Skills, or Awareness	2	6 : Job Training	0		
7 : Lack of Water	0	7 : Local Government	1		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	1		
9 : Limited Variety of Jobs Available	1	9 : National Government	0		
10 : Obstacles to Business Ownership	0	10 : Private Sector	0		
11 : Political Obstacles	0	11 : Provincial Government	1		
	3	12 : Remittances from Family or Friends	0		
			4		

OtherObs	I : La Trinidad	OtherRES	I : La Trinidad	OtherISS	
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	0
2 : Funding	1	2 : Community Organization	0	2 : Social Values	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	1
4 : Inadequate Infrastructure	1	4 : International NGO or Foreign Government	1		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	1		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Political Obstacles	0	8 : Private Sector	0		
	2	9 : Provincial Government	0		
			3		
PeaceOrdObs	I : La Trinidad	PeaceOrdRES	I : La Trinidad	PeaceOrdISS	
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	0
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				
UrbanInfrastructureObs	I : La Trinidad	UrbanInfrastructureRES	I : La Trinidad	UrbanInfrastructureISS	
1 : Climate Change	0	1 : Academic Partnerships	1	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	2	2 : Flooding	0
3 : Funding	1	3 : Faith-Based Organization	0	3 : Informal Settlers	1
4 : Government Inefficiency	2	4 : International NGO or Foreign Government	1	4 : Rapid Growth	6
5 : Inadequate Infrastructure	1	5 : Local Government	4	5 : Traffic	3
6 : Lack of Education, Skills, or Awareness	1	6 : Local NGO	1	6 : Waste Management	2
7 : Lack of Space	3	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	2		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	2		
10 : Obstacles to Business Ownership	1		13		
11 : Political Obstacles	0				
	9				
WaterObs	I : La Trinidad	WaterRES	I : La Trinidad	WaterISS	
1 : Climate Change	1	1 : Academic Partnerships	0	1 : Infrastructure specific to potable water	1
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	2
3 : Funding	0	3 : Faith-Based Organization	0	3 : Supply and Distribution	4
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Water Pollution	1
5 : Inadequate Infrastructure	1	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	1		
9 : Political Obstacles	0	9 : Provincial Government	0		
	2		1		

**Leyte**

AgricultureObs	J : Leyte	Ag Res	J : Leyte	AgricultureISS	I : Leyte
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	1
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	0		1
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	0				
BasicServicesObs	J : Leyte	BasicServicesRES	J : Leyte	BasicServicesISS	I : Leyte
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	1
2 : Funding	1	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	3
3 : Government Inefficiency	1	3 : Faith-Based Organization	0		4
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	1	5 : Local Government	1		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	2		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	3		3		
EcDevObs	J : Leyte	EcDevRES	J : Leyte	EcDevISS	I : Leyte
1 : Climate Change	1	1 : Academic Partnerships	0	1 : Small Business Issues	1
2 : Corruption	0	2 : Community Organization	1	2 : Tourism Declining	0
3 : Funding or Lack of Capital	1	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		1
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	1		
6 : Lack of Education, Skills or Awareness	1	6 : Local Government	1		
7 : Lack of Space	0	7 : Local NGO	1		
8 : Lack of Water	0	8 : National Government	2		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	2		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		8		
	3				
EducationObs	J : Leyte	EducationRES	J : Leyte	EducationISS	I : Leyte
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	2
2 : Facilities - Inadequate or Lack of	1	2 : Community Organization	0	2 : Cost or Fees	3
3 : Funding	1	3 : Diasporic Community	0	3 : Quality	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		5
5 : Lack of Education, Skills, or Awareness	1	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	1		
7 : Political Obstacles	0	7 : Local NGO	0		
	3	8 : National Government	0		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			1		

EnvironmentObs		J : Leyte	EnvironmentRES	J : Leyte	EnvironmentISS	I : Leyte
1 : Climate Change	0		1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0		2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0		3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0		4 : Local Government	0		0
5 : Inadequate Infrastructure	0		5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0		6 : National Government	0		
7 : Lack of Space	0		7 : Private Sector	0		
8 : Lack of Water	0		8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0			0		
10 : Political Obstacles	0					
	0					
GovernanceObs		J : Leyte	GovernanceRES	J : Leyte	GovernanceISS	I : Leyte
1 : Corruption	0		1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0		2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	1		3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0		4 : Local Government	0	4 : Inefficiency and Bureaucracy	0
5 : Limited Capacity of Community Organizations	1		5 : Local NGO	0		0
6 : Political Obstacles	0		6 : National Government	0		
	2		7 : Private Sector	0		
			8 : Provincial Government	0		
				0		
HealthObs		J : Leyte	HealthRES	J : Leyte	HealthISS	I : Leyte
1 : Corruption	0		1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0		2 : Community Organization	0	2 : Teen Pregnancy	0
3 : Government Inefficiency	0		3 : Faith-Based Organization	0	3 : Health	4
4 : Inadequate Infrastructure	0		4 : International NGO or Foreign Government	0		4
5 : Lack of Education, Skills, or Awareness	1		5 : Local Government	1		
6 : Lack of Water	0		6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0		7 : National Government	1		
8 : Political Obstacles	0		8 : Private Sector	0		
	1		9 : Provincial Government	0		
				2		
LandSecObs		J : Leyte	LandSecurityRES	J : Leyte	LandSecurityISS	I : Leyte
1 : Climate Change	0		1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0		2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0		3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0		4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0		5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0		6 : Local NGO	0		
7 : Lack of Space	0		7 : National Government	0		
8 : Lack of Water	0		8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0		9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0			0		
11 : Political Obstacles	0					
	0					
LivelihoodsObs		J : Leyte	LivelihoodRES	J : Leyte	LivelihoodISS	I : Leyte
1 : Climate Change	1		1 : Academic Partnerships	0	1 : Insufficient Income	2
2 : Corruption	0		2 : Community Organization	1	2 : Lack of Opportunities	1
3 : Funding	0		3 : Diasporic Community	0	3 : Limited Skills	0
4 : Government Inefficiency	0		4 : Faith-Based Organization	0	4 : Seasonal Income	1
5 : Inadequate Infrastructure	0		5 : International NGO or Foreign Government	0	5 : Sources of Income Available	1
6 : Lack of Education, Skills, or Awareness	0		6 : Job Training	0		5
7 : Lack of Water	0		7 : Local Government	0		
8 : Limited Capacity of Community Organizations	0		8 : Local NGO	1		
9 : Limited Variety of Jobs Available	1		9 : National Government	1		
10 : Obstacles to Business Ownership	0		10 : Private Sector	1		
11 : Political Obstacles	0		11 : Provincial Government	0		
	2		12 : Remittances from Family or Friends	0		
				4		



**Palawan**

AgricultureObs	K : Palawan	Ag Res	K : Palawan	AgricultureISS	J : Palawan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	1
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	1	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	1		1
8 : Lack of Mechanization	0	8 : Local NGO	1		
9 : Lack of Space	0	9 : National Government	1		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		4		
	0				
BasicServicesObs	K : Palawan	BasicServicesRES	K : Palawan	BasicServicesISS	J : Palawan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	0
2 : Funding	1	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	0
3 : Government Inefficiency	1	3 : Faith-Based Organization	0		0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	1		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	2		2		
EcDevObs	K : Palawan	EcDevRES	K : Palawan	EcDevISS	J : Palawan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	0
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	2
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	1	4 : Faith-Based Organization	0		2
5 : Inadequate Infrastructure	1	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	1		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	1		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	1		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		3		
	2				
EducationObs	K : Palawan	EducationRES	K : Palawan	EducationISS	J : Palawan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	0
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	0	3 : Diasporic Community	0	3 : Quality	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	1		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	1		
7 : Political Obstacles	0	7 : Local NGO	0		
	0	8 : National Government	1		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			3		



OtherObs	K : Palawan	OtherRES	K : Palawan	OtherISS	J : Palawan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	1
2 : Funding	0	2 : Community Organization	0	2 : Social Values	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		1
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	1		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			1		
PeaceOrdObs	K : Palawan	PeaceOrdRES	K : Palawan	PeaceOrdISS	J : Palawan
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	0
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				
UrbanInfrastructureObs	K : Palawan	UrbanInfrastructureRES	K : Palawan	UrbanInfrastructureISS	J : Palawan
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Farm-to-Market	2
2 : Corruption	0	2 : Community Organization	0	2 : Flooding	1
3 : Funding	0	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0	4 : Rapid Growth	0
5 : Inadequate Infrastructure	0	5 : Local Government	0	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0	6 : Waste Management	0
7 : Lack of Space	0	7 : National Government	0		3
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				



### Pampanga

AgricultureObs	L : Pampanga	Ag Res	L : Pampanga	AgricultureISS	K : Pampanga
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	0		0
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	0				
BasicServicesObs	L : Pampanga	BasicServicesRES	L : Pampanga	BasicServicesISS	K : Pampanga
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	3
2 : Funding	0	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	2
3 : Government Inefficiency	0	3 : Faith-Based Organization	0		5
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		
EcDevObs	L : Pampanga	EcDevRES	L : Pampanga	EcDevISS	K : Pampanga
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	6
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	1	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	2	4 : Faith-Based Organization	0		6
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	1	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	4				
EducationObs	L : Pampanga	EducationRES	L : Pampanga	EducationISS	K : Pampanga
1 : Corruption	0	1 : Academic Partnerships	1	1 : Access	4
2 : Facilities - Inadequate or Lack of	1	2 : Community Organization	1	2 : Cost or Fees	10
3 : Funding	5	3 : Diasporic Community	0	3 : Quality	1
4 : Government Inefficiency	1	4 : Faith-Based Organization	0		15
5 : Lack of Education, Skills, or Awareness	1	5 : International NGO or Foreign Government	1		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	4		
7 : Political Obstacles	0	7 : Local NGO	3		
	8	8 : National Government	1		
		9 : Parent Organization	3		
		10 : Private Sector	1		
		11 : Provincial Government	0		
			15		

EnvironmentObs	L : Pampanga	EnvironmentRES	L : Pampanga	EnvironmentISS	K : Pampanga
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		0
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				
GovernanceObs	L : Pampanga	GovernanceRES	L : Pampanga	GovernanceISS	K : Pampanga
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	3
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		3
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
HealthObs	L : Pampanga	HealthRES	L : Pampanga	HealthISS	K : Pampanga
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
LandSecObs	L : Pampanga	LandSecurityRES	L : Pampanga	LandSecurityISS	K : Pampanga
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	L : Pampanga	LivelihoodRES	L : Pampanga	LivelihoodISS	K : Pampanga
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Insufficient Income	2
2 : Corruption	0	2 : Community Organization	0	2 : Lack of Opportunities	6
3 : Funding	2	3 : Diasporic Community	0	3 : Limited Skills	3
4 : Government Inefficiency	0	4 : Faith-Based Organization	1	4 : Seasonal Income	0
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0	5 : Sources of Income Available	3
6 : Lack of Education, Skills, or Awareness	3	6 : Job Training	0		14
7 : Lack of Water	0	7 : Local Government	0		
8 : Limited Capacity of Community Organizations	1	8 : Local NGO	0		
9 : Limited Variety of Jobs Available	1	9 : National Government	0		
10 : Obstacles to Business Ownership	0	10 : Private Sector	2		
11 : Political Obstacles	0	11 : Provincial Government	0		
	7	12 : Remittances from Family or Friends	0		
			3		



**Tacloban**

AgricultureObs	M : Tacloban	Ag Res	M : Tacloban	AgricultureISS	L : Tacloban
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Declining Interest	0
2 : Corruption	0	2 : Community Organization	0	2 : External Price Control	0
3 : Funding	0	3 : Faith-Based Organization	0	3 : GMO	0
4 : Government Inefficiency	0	4 : Farmer Cooperatives	0	4 : Land Conversion	0
5 : High Production Costs	0	5 : Farmer Education and Capacity Building	0	5 : Low Incomes	0
6 : Inadequate Infrastructure	0	6 : International NGO or Foreign Government	0	6 : Machinery	0
7 : Lack of Education, Skills or Awareness	0	7 : Local Government	0		0
8 : Lack of Mechanization	0	8 : Local NGO	0		
9 : Lack of Space	0	9 : National Government	0		
10 : Lack of Water	0	10 : Private Sector	0		
11 : Limited Capacity of Community Organizations	0	11 : Provincial Government	0		
12 : Political Obstacles	0		0		
	0				
BasicServicesObs	M : Tacloban	BasicServicesRES	M : Tacloban	BasicServicesISS	L : Tacloban
1 : Corruption	0	1 : Academic Partnerships	0	1 : Lack of Facilities	0
2 : Funding	0	2 : Community Organization	0	2 : Lack of Resources (Health Pract., Funding, Etc.)	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0		0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	0		
9 : Political Obstacles	0	9 : Provincial Government	0		
	0		0		
EcDevObs	M : Tacloban	EcDevRES	M : Tacloban	EcDevISS	L : Tacloban
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Small Business Issues	3
2 : Corruption	0	2 : Community Organization	0	2 : Tourism Declining	0
3 : Funding or Lack of Capital	0	3 : Diasporic Community	0	3 : Tourism Growing	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		3
5 : Inadequate Infrastructure	0	5 : International NGO or Foreign Government	0		
6 : Lack of Education, Skills or Awareness	0	6 : Local Government	0		
7 : Lack of Space	0	7 : Local NGO	0		
8 : Lack of Water	0	8 : National Government	0		
9 : Limited Capacity of Community Organizations	0	9 : Private Sector	0		
10 : Obstacles to Business Ownership	0	10 : Provincial Government	0		
11 : Political Obstacles	0		0		
	0				
EducationObs	M : Tacloban	EducationRES	M : Tacloban	EducationISS	L : Tacloban
1 : Corruption	0	1 : Academic Partnerships	0	1 : Access	0
2 : Facilities - Inadequate or Lack of	0	2 : Community Organization	0	2 : Cost or Fees	0
3 : Funding	0	3 : Diasporic Community	0	3 : Quality	0
4 : Government Inefficiency	0	4 : Faith-Based Organization	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : International NGO or Foreign Government	0		
6 : Limited Capacity of Community Organizations	0	6 : Local Government	0		
7 : Political Obstacles	0	7 : Local NGO	0		
	0	8 : National Government	0		
		9 : Parent Organization	0		
		10 : Private Sector	0		
		11 : Provincial Government	0		
			0		

EnvironmentObs	M : Tacloban	EnvironmentRES	M : Tacloban	EnvironmentISS	L : Tacloban
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Mining	0
2 : Corruption	0	2 : Community Organization	0	2 : Soil Erosion	0
3 : Funding	0	3 : International NGO or Foreign Government	0	3 : Waste Management	0
4 : Government Inefficiency	0	4 : Local Government	0		0
5 : Inadequate Infrastructure	0	5 : Local NGO	0		
6 : Lack of Education, Skills, or Awareness	0	6 : National Government	0		
7 : Lack of Space	0	7 : Private Sector	0		
8 : Lack of Water	0	8 : Provincial Government	0		
9 : Limited Capacity of Community Organizations	0		0		
10 : Political Obstacles	0				
	0				
GovernanceObs	M : Tacloban	GovernanceRES	M : Tacloban	GovernanceISS	L : Tacloban
1 : Corruption	0	1 : Academic Partnerships	0	1 : Corruption	0
2 : Funding	0	2 : Community Organization	0	2 : Elite Capture	0
3 : Government Inefficiency	0	3 : International NGO or Foreign Government	0	3 : Family Dynasty	0
4 : Lack of Education, Skills, or Awareness	0	4 : Local Government	0	4 : Inefficiency and Bureaucracy	0
5 : Limited Capacity of Community Organizations	0	5 : Local NGO	0		0
6 : Political Obstacles	0	6 : National Government	0		
	0	7 : Private Sector	0		
		8 : Provincial Government	0		
			0		
HealthObs	M : Tacloban	HealthRES	M : Tacloban	HealthISS	L : Tacloban
1 : Corruption	0	1 : Academic Partnerships	0	1 : HIV	0
2 : Funding	0	2 : Community Organization	0	2 : Teen Pregnancy	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Health	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
LandSecObs	M : Tacloban	LandSecurityRES	M : Tacloban	LandSecurityISS	L : Tacloban
1 : Climate Change	0	1 : Academic Partnerships	0	1 : Informal Settlers	0
2 : Corruption	0	2 : Community Organization	0	2 : Tenant Farming	0
3 : Funding	0	3 : Faith-Based Organization	0		0
4 : Government Inefficiency	0	4 : International NGO or Foreign Government	0		
5 : Inadequate Infrastructure	0	5 : Local Government	0		
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	0		
7 : Lack of Space	0	7 : National Government	0		
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		0		
11 : Political Obstacles	0				
	0				
LivelihoodsObs	M : Tacloban	LivelihoodRES	M : Tacloban	LivelihoodISS	L : Tacloban
1 : Climate Change	1	1 : Academic Partnerships	1	1 : Insufficient Income	0
2 : Corruption	0	2 : Community Organization	0	2 : Lack of Opportunities	4
3 : Funding	0	3 : Diasporic Community	0	3 : Limited Skills	0
4 : Government Inefficiency	1	4 : Faith-Based Organization	1	4 : Seasonal Income	1
5 : Inadequate Infrastructure	1	5 : International NGO or Foreign Government	2	5 : Sources of Income Available	1
6 : Lack of Education, Skills, or Awareness	2	6 : Job Training	0		6
7 : Lack of Water	0	7 : Local Government	1		
8 : Limited Capacity of Community Organizations	0	8 : Local NGO	2		
9 : Limited Variety of Jobs Available	1	9 : National Government	1		
10 : Obstacles to Business Ownership	1	10 : Private Sector	1		
11 : Political Obstacles	0	11 : Provincial Government	0		
	7	12 : Remittances from Family or Friends	0		
			9		

OtherObs	M : Tacloban	OtherRES	M : Tacloban	OtherISS	L : Tacloban
1 : Corruption	0	1 : Academic Partnerships	0	1 : Other	1
2 : Funding	0	2 : Community Organization	0	2 : Social Values	1
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Youth	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		2
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Political Obstacles	0	8 : Private Sector	0		
	0	9 : Provincial Government	0		
			0		
PeaceOrdObs	M : Tacloban	PeaceOrdRES	M : Tacloban	PeaceOrdISS	L : Tacloban
1 : Corruption	0	1 : Academic Partnerships	0	1 : Drugs	0
2 : Funding	0	2 : Community Organization	0	2 : Gangs and Violence	0
3 : Government Inefficiency	0	3 : Faith-Based Organization	0	3 : Law Enforcement	0
4 : Inadequate Infrastructure	0	4 : International NGO or Foreign Government	0		0
5 : Lack of Education, Skills, or Awareness	0	5 : Local Government	0		
6 : Lack of Water	0	6 : Local NGO	0		
7 : Law Enforcement	0	7 : National Government	0		
8 : Limited Capacity of Community Organizations	0	8 : Private Sector	0		
9 : Obstacles to Business Ownership	0	9 : Provincial Government	0		
10 : Political Obstacles	0		0		
	0				
UrbanInfrastructureObs	M : Tacloban	UrbanInfrastructureRES	M : Tacloban	UrbanInfrastructureISS	L : Tacloban
1 : Climate Change	0	1 : Academic Partnerships	3	1 : Farm-to-Market	0
2 : Corruption	0	2 : Community Organization	0	2 : Flooding	4
3 : Funding	0	3 : Faith-Based Organization	0	3 : Informal Settlers	0
4 : Government Inefficiency	2	4 : International NGO or Foreign Government	0	4 : Rapid Growth	1
5 : Inadequate Infrastructure	1	5 : Local Government	2	5 : Traffic	0
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	1	6 : Waste Management	2
7 : Lack of Space	0	7 : National Government	2		7
8 : Lack of Water	0	8 : Private Sector	0		
9 : Limited Capacity of Community Organizations	0	9 : Provincial Government	0		
10 : Obstacles to Business Ownership	0		8		
11 : Political Obstacles	1				
	4				
WaterObs	M : Tacloban	WaterRES	M : Tacloban	WaterISS	L : Tacloban
1 : Climate Change	0	1 : Academic Partnerships	1	1 : Infrastructure specific to potable water	0
2 : Corruption	0	2 : Community Organization	0	2 : Scarcity	2
3 : Funding	0	3 : Faith-Based Organization	0	3 : Supply and Distribution	4
4 : Government Inefficiency	1	4 : International NGO or Foreign Government	0	4 : Water Pollution	0
5 : Inadequate Infrastructure	1	5 : Local Government	1		6
6 : Lack of Education, Skills, or Awareness	0	6 : Local NGO	1		
7 : Limited Capacity of Community Organizations	0	7 : National Government	0		
8 : Obstacles to Business Ownership	0	8 : Private Sector	1		
9 : Political Obstacles	3	9 : Provincial Government	0		
	5		4		

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## **ANNEX 7: POTENTIAL FRAMING QUESTIONS FOR CONVERSATIONS**

**USAID/Philippines *localworks* Listening Tour**  
**Areas of Inquiry and Potential Framing Questions for Conversations**  
**January 2018**  
**(Developed by Dayna Brown)**

Below are some potential questions to explore each broad area of inquiry that USAID/Philippines has identified for the Listening Tour. Some were developed during the Broad Listening Orientation and tested during the pilot, while others were suggested by participants and facilitators to answer the guiding questions and to provoke richer conversations. These illustrative questions are by no means exhaustive, and the Listening Teams are encouraged to try them and to identify other effective questions and approaches to enable meaningful dialogue and discussions.

What is happening in this community? What is life like here (for the participant)?

- “Tell me about yourself”
- What is your city/community known or famous for?
- How do you like living here?
- What is the best thing about your community? Why?
- How do you feel about the services and access to services in your community?
- What is the main source of income for most people here? Why?
- What is your job (or how do you earn a living)?
- I know many families in this area survived [Ondoy, Yolanda or other typhoons or natural disasters]—were you one of the affected families? What did you do to get through it and recover?
- How are you doing in this community? (Kamusta na kayo ditto)
- What is the best thing that has ever happened to you?
- What do you like to do for fun [or in your free time or what is your hobby]?
- What makes you laugh?
- What cultural/community practices influence your life?
- What is your community good at?
- What are you most proud of? (personally and/or based on their role in the community)

What is working well in the community?

- What are the strengths in your community?
- What positive changes have you seen in your life or in the community over the last few years?
- What brings people together here?
- What is happening here now that is helpful or beneficial for you?
- What are the best projects or activities in your community? What makes them so good?
- What has helped you achieve your goals? (for the individual, family and/or community)?

What are the assets and resources in the community?

- What are the strengths here?
- What have you done to help your neighbor and the community?
- What do the youth contribute in the community?
- What do the elderly contribute in the community?
- What do the women contribute in the community?
- What activities or events bring people in your community together?



- What motivates you to participate in community activities?
- What institutions, organizations or groups provide support to people here?
- What institutions or organizations provide the services you need most?
- Who are the real heroes in your community? Why?
- Who in your community do you trust most? Why?
- What institution or organization has contributed the most to improving the situation for your family or the community over the last 5 years?
- Who is helping you achieve your dreams?
- What resources are available to you?
- Who is helping the vulnerable people in your community? What help are they providing? In what ways? Why do they help?
- What sort of funding or support is available for community based projects?
- How are the local government and/or community leaders addressing issues in your community?
- Who do you turn to when faced with problems?

What are the main issues and challenges here? (household and community levels)?

- What challenges do you face personally and in your community? Why do these challenges exist?
- What is the biggest challenge your family faces in your daily life? What caused it?
- What are the challenges that may prevent you from achieving your dreams?
- What is your biggest hope?
- What issues matter most to you? What are the top 3 issues that you think need to be resolved soon?
- What changes or trends are affecting the community (positively or negatively)?
- What worries you most about the future?

How are challenges and issues addressed in the community?

- Who is creating positive changes in the community?
- When you have a personal problem, who do you usually go to? What about community problems--who do you go to for help?
- How are you [or would you like to be] involved in addressing community issues and challenges?
- How are you engaged with [the Barangay, PTA, CBO, etc] and what do you get out of it?"
- How are you coping with the situation?
- Who is successfully dealing with the issues in the community? How are they helping you? How can they help you or others better?
- How do people help each other in times of need?
- What has made a lasting, positive difference in your community?

What are your aspirations, visions and priorities?

- If you could change 3 things in your community, what would they be?
- How do you see yourself five years from now?
- Ano po ang gusto ninyong makita para sa inyong mga anak sa hinaharap? (what do you wish for your children in the future?) (5 or 10 years from now?)
- What are your biggest hopes and fears?
- What changes do you want to see happen in your community?

- Thinking of the next 5 years – what are your aspirations and priorities for your family and your community?

What recommendations do you have for addressing the challenges, issues and priorities?

- What do you think needs to be done to address these challenges or issues?
- If you were [or are] the leader [Barangay captain, head of a local organization, successful business person, etc], how would you solve the problems here?
- Ano sa tingin ninyo ang kalangan upang mapaunlad ang kabuhayan ng mga tao dito sa barangay? (What do you think is needed to improve the economic life of the residents in this Barangay?)
- What can be done to fulfill people’s priorities here?
- How will things change here? How would you like to be involved?
- If you had ten minutes to speak with the President, what would you tell him?

Other probing questions:

- Can you tell me a story to illustrate your point? Do you have an example you can share?
- What would others who are different from you say [i.e. farmer friends if a fisherman]?
- What would you like us to ask you about?