

APPENDICES

Appendix 1A

Household Interview Survey Forms

FORM 1: HOUSEHOLD INFORMATION *IMPORMASYON SA PANIMALAY*

Instruction: To be completed by the household head

Pagakumpletuhon sa pangulo sa panimalay

10-digit Household ID
 Numero sa Panimalay

Q1 How large is the lot area of your house?

Unsa kadako ang lote nga gitukuran sa inyong balay? _____ m²

Q2 How large is the floor area of your house?

Unsa kadako ang floor area? _____ m²

Q3 How many rooms are there in your house?

Pila kabuok ang kwarto sa inyong balay? _____ rooms
 kwarto

Q4 How old is your house?

Pila na katuig natukod ang balay? _____ years
 tuig

Q5 What is the structure of your house?

Unsa na materyales ang gigamit sa balay?

1. Bamboo/Cogon/Nipa <i>Kawayan/Cogon/Nipa</i>	3. Half concrete/brick/stone and half wood <i>Kalahating kongkreto/adobe/bato ug katunga kahoy</i>	5. Reinforced concrete / Steel-framed <i>Kongkreto nga naay Kabilya/ Naggamit ug Asero nga Estraktura</i>
2. Wood <i>Kahoy</i>	4. Concrete/Brick/Stone <i>Kongkreto/adobe/bato</i>	6. Others <i>Uban pa</i>

Q6 How long has your family been living in this place?

Unsa na kadugayon nagpuyo ang pamilya ani nga lugara? _____ years
 tuig

Q7 a. Has your family lived in this place since you established the family?

Nagpuyo na ba imong pamilya ani nga lugar sukad sa pag-establisar ninyo sa inyong pamilya?

1. Yes (→ Proceed to Q8) <i>Oo (→ palihug Deretso sa Q8)</i>	2. No (→ Proceed to questions b and c) <i>Wala (→ palihug padayun ug tubag sa pangutana b ug c)</i>
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b. Where was your previous address?

Asa man ang address sa daan ninyong gipuy-an?

Barangay
 Barangay

Municipality/City
 Munisipalidad/Siyudad

Province

c. Why did your household move from the previous house? Please choose the most appropriate reason.
 (SINGLE ANSWER ONLY)

Nganong mibalhin ang imong pamilya gikan sa nahaua ninyong gipuy-an? Palihug ug pili sa pinakaangayan nga rason. (Usa ra ka tubag ang gikinahanglan)

1. Marriage and/or child birth <i>Kaminyon ug/o Pagpanganak</i>	8. Insecure or disorderly neighborhood <i>Kabalaka sa dili hapsay nga palibot</i>
2. Narrow living space <i>Hagip-ot nga espasyo sa puy-anan</i>	9. Damaged by a disaster <i>Naguba tungod sa katalagman</i>
3. Getting a new job/entering school <i>Nakakuha ug bag-o nga trabaho/ Pagsulod ug lain nga eskwelahan</i>	10. Unaffordable housing cost <i>Dili maabot nga bayranan sa balay</i>
4. Aging house/facilities <i>Idaran na nga balay/Pacilidad</i>	11. Long time to commute to workplace/school/hospital <i>Taas nga oras sa pagbiyahe padulong sa trabahuan/ eskwelahan/ospital</i>
5. Troubles with neighborhood <i>Kasamok sa kasilinganan</i>	12. Lack of entertainment <i>Kulang ug mga kalingawan</i>
6. Noisy <i>Saba ang palibot</i>	13. Bad business conditions <i>Bati nga kondisyon para sa negosyo</i>
7. Unsunny <i>Ng-i-ob ang palibot</i>	14. Eviction order by the owner/government <i>Gipapahawa sa tag-ya sa balay/gobyerno</i>

Q8 Does your household own the house and the land?

Ang inyo bang pamilya ang tag-ya sa balay ug yuta o nag-abang lang kamo?

1. House: Sure <i>Balay:</i>	1. Yes	2. No	3. Not Sure <i>Dili sigurado</i>
	Oo	Wala	

Q9 How much does your household pay for housing per month? Please include mortgage and/or rental charges for the house and the land, and maintenance costs.

Pila ang bayranan sa imong pamilya para sa balay kada buwan? Palihog i-apli ang datahan sa gi-uslan nga loan para sa balay ug yuta, ug/o ang abangan para sa balay ug yuta, ug ang gastos para sa pagmintinar sa balay.

_____ Pesos per month

Q10 Is your house connected with the following urban services?

Konektado ba ang imong balay sa mga musunod nga mga serbisyo?

1. Piped water supply: 2. No <i>Tubig gikan sa tubo:</i> <i>Wala</i>	1. Yes Oo
2. Sewage: 2. No <i>Butanganan para sa hugaw nga mga butang ug tubi:</i> <i>Oo</i> <i>Wala</i>	1. Yes
3. Electricity: 2. No <i>Kuryente:</i> <i>Wala</i>	1. Yes Oo
4. Fixed telephone: <i>Telepono:</i> <i>Wala</i>	1. Yes 2. No Oo
5. Solid waste collection: 2. No <i>Koleksyon sa basura:</i> <i>Wala</i>	1. Yes Oo

Q11 Do you have the following items in your house?

Naa ba kining nga butanga sa inyong balay?

1. Aircon: <i>Wala</i>	1. Yes Oo	2. No
2. Washing machine: 2. No <i>Wala</i>	1. Yes Oo	
3. Refrigerator: 2. No <i>Wala</i>	1. Yes Oo	
4. Radio: <i>Wala</i>	1. Yes Oo	2. No
5. TV: 2. No <i>Wala</i>	1. Yes Oo	
6. Satellite TV: 2. No <i>Wala</i>	1. Yes Oo	
7. Mobile phone: 2. No <i>Wala</i>	1. Yes Oo	
8. PC (desktop/laptop): 2. No <i>Wala</i>	1. Yes Oo	
9. Internet (land line/mobile): <i>Wala</i>	1. Yes Oo	2. No

Q12 What is your total monthly household income in Pesos? Please include amounts transferred from OFW family members and financial supports by relatives. (SHOW FLASH CARD OF INCOME RANGES)

Unsa ang kinatibuk-an nga kita sa imong pamilya kada buwan sa pesos? Palihug i-apli ang mga padala gikan sa mga OFW nga myembro sa pamilya ug ang tabang pinansyal sa mga paryente. (Ipakita ang FLASH CARD sa han-ay sa mga kinitaan)

1. No income	8. 15,000 – 19,999	15. 60,000 – 79,999
2. Below 2,000	9. 20,000 – 24,999	16. 80,000 – 99,999
3. 2,000 – 3,999	10. 25,000 – 29,999	17. 100,000 – 149,999
4. 4,000 – 5,999	11. 30,000 – 34,999	18. 150,000 – 199,999
5. 6,000 – 7,999	12. 35,000 – 39,999	19. 200,000 – 299,999
6. 8,000 – 9,999	13. 40,000 – 49,999	20. 300,000 – 499,999
7. 10,000 – 14,999	14. 50,000 – 59,999	21. Above 500,000

Q13 Type of the house (To be filled by surveyors)

Klase sa balay (Pagasulaton sa nangutana)

1. Barrack	3. Detached house	5. Apartment/Condominium
2. Annex house	4. Townhouse	

Q14 GPS Location (To be filled by surveyors)

FORM 2: HOUSEHOLD MEMBER INFORMATION *IMPORMASYON SA MIYEMBRO NG PANIMALAY*

Instruction: To be completed by each household member

First Name, Relationship to the Household Head, Age, Gender, Education Level and Driver's License (Sheet 1/2)

Pangalan, Relasyon sa Pangulo sa Pamilya, Edad, Hiyas sa Pagkatawo, Lebel sa Edukasyon, Driver's License

10-digit Household ID
Numero sa Panimalay

Member Code	First Name <i>(To be used for survey purpose only)</i> <i>(Gamiton lang kini sa surbe na katuyon)</i>	a. Relationship to the household head <i>Relasyon sa pangulo ng panimalay</i>	b. Age <i>Edad</i>	c. Gender <i>Hiyas sa pagkatawo</i>	d. Education Level <i>Lebel sa Edukasyon</i>	e. Type of Driver's License <i>Klase sa lisensya sa Pagmaneho</i>		a. Relationship to the household head <i>1. Household head Pangulo sa Pamilya</i> <i>2. Husband/Wife Bana/Asawa</i> <i>3. Son/Daughter Anak nga Lalaki/ Anak nga Babae</i> <i>4. Father/Mother Amahan/Inahan</i> <i>5. Brother/Sister Igsoon nga Lalaki/ Igsoon nga Babae</i> <i>6. Grandchild Apo</i> <i>7. Grandparent Lolo/Lola</i> <i>8. Uncle/Aunt Uyo-an/Iyaan</i> <i>9. Nephew/Niece Pag-umangkon nga Lalaki/ Pag-umangkon nga Babae</i> <i>10. Cousin Ig-agaw</i> <i>11. House helper Katabang</i> <i>12. Others (related) Uban pa (Paryente)</i> <i>13. Others (unrelated) Uban pa (Dili paryente)</i>
						None	Student	
1 (Head) (Pangulo)		1		1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	d. Education Level 1. Master's/Doctoral degree 2. Postgraduate diploma 3. Bachelor's degree 4. Associate degree/Diploma 5. High school graduate 6. Elementary school graduate 7. None <i>Wala</i>
2				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
3				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
4				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
5				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
6				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
7				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
8				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
9				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	
10				1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None	Student	

e, Relationship to the Household Head, Age, Gender, Education Level and Driver's License (Sheet 2/2)
Relasyon sa Pangulo sa Pamilya, Edad, Hiyas sa Pagkatawo, Lebel sa Edukasyon, Driver's License

First Name <i>(To be used for survey purpose only)</i> <i>(Gamiton lang kini sa surba na katuyon)</i>	a. Relationship to the household head <i>Relasyon sa pangulo ng panimalay</i>	b. Age <i>Edad</i>	c. Gender <i>Hiyas sa pagkatawo</i>	d. Education Level <i>Lebel sa Edukasyon</i>	e. Type of Driver's License <i>Klase sa lisensya sa Pagmaneho</i> <i>(Check all that apply)</i>	a. Relationship to the household head 1. Household head <i>Pangulo sa Pamilya</i> 2. Husband/Wife <i>Bana/Asawa</i> 3. Son/Daughter <i>Anak nga Lalaki/ Anak nga Babae</i> 4. Father/Mother <i>Amahan/Inahan</i> 5. Brother/Sister <i>Igsoon nga Lalaki/ Igsoon nga Babae</i> 6. Grandchild <i>Apo</i> 7. Grandparent <i>Lolo/Lola</i> 8. Uncle/Aunt <i>Uyo-an/Iyaan</i> 9. Nephew/Niece <i>Pag-umangkon nga Lalaki/ Pag-umangkon nga Babae</i> 10. Cousin <i>Ig-agaw</i> 11. House helper <i>Katabang</i> 12. Others (related) <i>Uban pa (Paryente)</i> 13. Others (unrelated) <i>Uban pa (Dili paryente)</i>
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	d. Education Level 1. Master's/Doctoral degree 2. Postgraduate diploma 3. Bachelor's degree 4. Associate degree/Diploma 5. High school graduate 6. Elementary school graduate 7. None <i>Wala</i>
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	
			1. Male <i>Lalaki</i> 2. Female <i>Babae</i>		None Student Non-Professional Professional	

Occupation, Employment Sector, and Personal Monthly Income (Sheet 1/2)

Trabaho, Sektor sa Pagpangempleyo, ug Personal nga Kita kada Buwan

Member Code	f. Occupation (If "others," please specify) <i>Trabaho (Kung anaay uban, palihug i-sulat)</i>	g. Employment Sector <i>Sektor sa Pagpangempleyo</i>	h. Personal Monthly Personal nga Kita kada Buwan	<p>f. Occupation Trabaho/Panginabuh</p> <ol style="list-style-type: none"> 1. Official of Government / Special Interest Organization, Corporate Executive, Manager <i>Opisyal sa Gobyerno ug Espesyal nga Interestinga Organisasyon, Mga Taas nga Posisyon sa Korporasyon, Manedyer</i> 2. Professional <i>Propesyonal</i> 3. Technical & Associate Professionals <i>Teknikal ug uban pang Propesyonal</i> 4. Clerical Staff <i>Klerikal nga Empleyado</i> 5. Service Worker, Shop & Market Worker <i>Mga Trabahador nga Naghatag ug Serbisyo, sa Tindahan ug sa merkado</i> 6. Farmer, Forestry Worker & Fisherman <i>Mag-uuma, Nagtrabaho sa Lasang ug Mangingisda</i> 7. Trader & Related Worker <i>Magpapatigayon ug iglabot nga mga trabaho</i> 8. Plant & Machine Operator & Assembler <i>Sa Planta ug Makina nga Operetor ug Tig-asebol</i> 9. Laborer & Unskilled Worker <i>Ordinaryo nga Trabahador</i> 10. Elementary School Student <i>Estudyante sa Elementary</i> 11. High School / College / University Student <i>Estudyante sa High School/ Kolehiyo/Unibersidad</i> 12. Housewife <i>Asawa</i> 13. Pensioner <i>Pensyonado</i> 14. Unemployed <i>Walay Trabaho</i> 15. OFW <i>Nagtrabaho sa Gawas sa Nasud</i> 16. Others (→ please specify) <i>Uban pa (→ palihug ug hingalan)</i> 	<p>g. Employment Sector Sektor sa Pagpangempleyo</p> <ol style="list-style-type: none"> 1. Agriculture, Hunting & Forestry <i>Agrikultura, Pagpangayam ug Pang-Lasang</i> 2. Fishing <i>Pangisda</i> 3. Mining & Quarrying <i>Pang-minahan ug Pag-kwari</i> 4. Manufacturing <i>Industriya sa Paggama</i> 5. Electricity, Gas & Water Supply <i>Elektrisidad, Gas ug Pag-supply ug tubig</i> 6. Construction <i>Konstraksyon</i> 7. Wholesale & Retail Trade; Repair of Motor Vehicles, Personal & Household Goods <i>Tibuok ug Menudo nga Pamatigayon, Kaugalingon ug Pangbalay nga mga Butang</i> 8. Hotels & Restaurants <i>Mga Hotel ug Restawran</i> 9. Transport, Storage & Communication <i>Transportasyon, Tipiganan ug Komunikasyon</i> 10. Financial Intermediation <i>Pinansyal nga Pagpahasay sa Negosyo</i> 11. Real Estate Development, Rental and Sale <i>Pag-ugmad sa Kayutaan, Pagpaabang ug Pagbaligya</i> 12. Public Administration, Defense; Compulsory Social Security <i>Pampublikong Pagdumala, Pagpanalipud sa Nasud, Gikinahanglan nga Seguridad sa Katilingban</i> 13. Education <i>Edukasyon</i> 14. Health & Social Work <i>Kahimsog ug Pang-tawo nga mga Buhat</i> 15. Other Community, Social & Personal Services <i>Uban pang mga Serbisyo para sa Katilingban, Katawhan Ug Personal</i> 16. Private Households <i>Pribadong mga Pamilya</i> 17. Extraterritorial Organizations <i>Mga Organisasyon nga Gawas sa Limitasyon sa Teritoryo sa Nasud</i>
1 (Head) (Pangulo)					
2					
3					
4					
5					
6					
7					
8					
9					
10				<p>h. Personal Monthly Income</p> <p>Show the flashcard of income ranges <i>Ipakita ang FLASH CARD sa han-ay sa mga kinitaan</i></p>	

Occupation, Employment Sector, and Personal Monthly Income (Sheet 2/2)
Trabaho, Sektor sa Pagpangempleyo, ug Personal nga Kita kada Buwan

Member Code	f. Occupation (If "others," please specify) Trabaho (Kung anaay uban, palihug i-sulat)	g. Employment Sector Sektor sa Pagpangempleyo	h. Personal Monthly Personal nga Kita kada Buwan
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

- f. Occupation Trabaho/Panginabuhi**
1. Official of Government / Special Interest Organization, Corporate Executive, Manager
Opisyal sa Gobyerno ug Espesyal nga Interestnga Organisasyon, Mga Taas nga Posisyon sa Korporasyon, Manedyer
 2. Professional *Propesyonal*
 3. Technical & Associate Professionals
Teknikal ug uban pang Propesyonal
 4. Clerical Staff *Klerikal nga Empleyado*
 5. Service Worker, Shop & Market Worker
Mga Trabahador nga Naghatag ug Serbisyo, sa Tindahan ug sa merkado
 6. Farmer, Forestry Worker & Fisherman
Mag-uuma, Nagtrabaho sa Lasang ug Mangingisda
 7. Trader & Related Worker
Magpapatigayon ug iglabot nga mga trabaho
 8. Plant & Machine Operator & Assembler
Sa Planta ug Makina nga Operetor ug Tig-assembly
 9. Laborer & Unskilled Worker
Ordinaryo nga Trabahador
 10. Elementary School Student
Estudyante sa Elementary
 11. High School / College / University Student
Estudyante sa High School/ Kolehiyo/Unibersidad
 12. Housewife *Asawa*
 13. Pensioner *Pensyonado*
 14. Unemployed *Walay Trabaho*
 15. OFW *Nagtrabaho sa Gawas sa Nasud*
 16. Others (→ please specify)
Uban pa (→ palihug ug hingalan)

h. Personal Monthly Income

Show the flashcard of income ranges
 Ipakita ang FLASH CARD sa han-ay sa mga kinitaan

- g. Employment Sector Sektor sa Pagpangempleyo**
1. Agriculture, Hunting & Forestry
Agrikultura, Pagpangayam ug Pang-Lasang
 2. Fishing *Pangisda*
 3. Mining & Quarrying
Pang-minahan ug Pag-kwari
 4. Manufacturing *Industriya sa Paggama*
 5. Electricity, Gas & Water Supply
Elektrisidad, Gas ug Pag-supply ug tubig
 6. Construction *Konstraksyon*
 7. Wholesale & Retail Trade; Repair of Motor Vehicles, Personal & Household Goods
Tibuok ug Menudo nga Pamatigayon, Kaugalingon ug Pangbalay nga mga Butang
 8. Hotels & Restaurants
Mga Hotel ug Restawran
 9. Transport, Storage & Communication
Transportasyon, Tipigangan ug Komunikasyon
 10. Financial Intermediation
Pinansyal nga Pagpahusay sa Negosyo
 11. Real Estate Development, Rental and Sale
Pag-ugmad sa Kayutaan, Pagpaabang ug Pagbaligya
 12. Public Administration, Defense; Compulsory Social Security
Pampublikong Pagdumala, Pagpanalipud sa Nasud, Gikinahanglan nga Seguridad sa Katilingban
 13. Education *Edukasyon*
 14. Health & Social Work
Kahimsog ug Pang-tawo nga mga Buhat
 15. Other Community, Social & Personal Services
Uban pang mga Serbisyo para sa Katilingban, Katawhan Ug Personal
 16. Private Households
Pribadong mga Pamilya
 17. Extraterritorial Organizations
Mga Organisasyon nga Gawas sa Limitasyon sa Teritoryo sa Nasud

Workplace/School Address and Office/School Hours (Sheet 1/2)
Address sa Lugar sa Trabaho/Eskwelahan ug Oras sa Pagtrabaho/Pagskwela

Member Code	i. Workplace or School	j. Address	k. Start Time Oras sa Pagsugod	l. Finish Time Oras sa Paghuman
1 (Head) (Pangulo)	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
2	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
3	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
4	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
5	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
6	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
7	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
8	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
9	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
10	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:

Workplace/School Address and Office/School Hours (Sheet 2/2)
Address sa Lugar sa Trabaho/Eskwelahan ug Oras sa Pagtrabaho/Pagskwela

Member Code	I. Workplace or School	j. Address	k. Start Time Oras sa Pagsugod	l. Finish Time Oras sa Paghuman
11	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
12	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
13	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
14	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
15	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
16	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
17	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
18	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
19	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:
20	1. Workplace 2. School	Street/Landmark/Facility: _____ Barangay: _____ Municipality/City: _____ (Barangay Code: _____)	:	:

How many vehicles do your household own and which household member mostly uses each vehicle?

Pila kabuok ang sakyanan nga gipangag-iya sa imong pamilya ug kinsa sa mga myembro sa pamilya ang kanunay nga maggamit sa mga sakyanan?

Type	a. Number of Units	b. Who mostly uses each vehicle? (Please indicate member codes)
Bicycle <i>Bisikleta</i>		
Motorcycle <i>Motorsiklo</i>		
Car / Owner-type Jeep <i>Awto / Pribado nga Jeep</i>		
Pedicab <i>Trisikad</i>		
Tricycle		
Taxi		
GT Express / V-hire / Multicab		
Jeepney / PUJ		
Minibus		
Standard Bus		
School / Company / Tourist Bus <i>Bus sa Eskwelahan / Kompaniya / Para Turista</i>		
Pick-up / Delivery Truck		
Truck		
Trailer		
Others Please specify: <i>Uban pa (Pailhug ug hingalan: _____)</i>		

FORM 3 TRIP RECORD (Page 1)

10-digit Household ID: _____ Member Code: _____ Target Date: _____

- Trip Purpose Code**
- To home
 - To work
 - To school/Education
 - Business
 - Private - Medical
 - Private - Social / Relatives or Friend Visit
 - Private - Eating
 - Private - Shopping
 - Private - Worship
 - Private - Recreation / Leisure / Exercise
 - To send/pick up other family members, relatives, friends, company staffs etc.
 - Others (please specify)

- Travel Mode Code**
- Walking
 - Bicycle
 - Motorcycle - driver
 - Motorcycle - passenger
 - Car/Owner-type Jeep - driver
 - Car/Owner-type Jeep - passenger
 - Pedicab
 - Tricycle
 - Taxi
 - Multicab
 - GT Express / V-hire
 - Jeepney
 - Minibus - w/o aircon
 - Minibus - w/ aircon
 - Standard Bus - w/o aircon
 - Standard Bus - w/ aircon
 - School Bus
 - Company Bus
 - Tourist Bus
 - Pick-up / Delivery Van
 - Truck
 - Trailer
 - Sea/Water Transport (ferry, RO-RO, pump boat)
 - Alplane
 - Others (please specify)

- Parking Facility Code**
- Parking lot
 - On-road, authorized
 - On-road, unauthorized
 - Inside house, building, or premises

Where were you at 3 AM on that day?		1st Destination		2nd Destination		3rd Destination		
1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)		1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)		1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)		1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)		
Barangay _____		Barangay _____		Barangay _____		Barangay _____		
Municipality/City _____ Province _____		Municipality/City _____ Province _____		Municipality/City _____ Province _____		Municipality/City _____ Province _____		
Landmark (if you don't know the exact address) _____		Landmark (if you don't know the exact address) _____		Landmark (if you don't know the exact address) _____		Landmark (if you don't know the exact address) _____		
: _____ : _____		: _____ : _____		: _____ : _____		: _____ : _____		
Departure and Arival Time	Departure Time	Arrival Time	Departure Time	Arrival Time	Departure Time	Arrival Time	Departure Time	
Trip Purpose	Purpose _____ If others, please specify _____		Purpose _____ If others, please specify _____		Purpose _____ If others, please specify _____		Purpose _____ If others, please specify _____	
Trip Cost	PHP _____		PHP _____		PHP _____		PHP _____	
Travel Mode, Travel Time and Transfer Point	Origin		1st Destination		2nd Destination		3rd Destination	
	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins
	1st transfer point		1st transfer point		1st transfer point		1st transfer point	
	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins
	2nd transfer point		2nd transfer point		2nd transfer point		2nd transfer point	
Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	
3rd transfer point		3rd transfer point		3rd transfer point		3rd transfer point		
Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	
4th transfer point		4th transfer point		4th transfer point		4th transfer point		
Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	
Parking	Facility: _____	Charge: PHP _____	Facility: _____	Charge: PHP _____	Facility: _____	Charge: PHP _____	Facility: _____	
Reason for Modal Choice	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	
Trip Assessment	Travel time: 1. Bad 2. Average 3. Good	Comfort: 1. Bad 2. Average 3. Good	Convenience: 1. Bad 2. Average 3. Good	Cost: 1. Bad 2. Average 3. Good	Safety: 1. Bad 2. Average 3. Good	Overall: 1. Bad 2. Average 3. Good	Overall: 1. Bad 2. Average 3. Good	

To page 2

FORM 3 TRIP RECORD (Page 2)

Trip Purpose Code

1. To home
2. To work
3. To school/Education
4. Business
5. Private - Medical
6. Private - Social / Relatives or Friend/Visit
7. Private - Eating
8. Private - Shopping
9. Private - Worship
10. Private - Recreation / Leisure / Exercise
11. To send/pick up other family members, relatives, friends, company staffs etc.
12. Others (please specify)

Travel Mode Code

1. Walking
2. Bkcycle
3. Motorcycle - driver
4. Motorcycle - passenger
5. Car/Owner-type Jeep - driver
6. Car/Owner-type Jeep - passenger
7. Pedicab
8. Tricycle
9. Taxi
10. Multicab
11. GT Express / V-hire
12. Jeepney
13. Minibus - w/o aircon
14. Minibus - w/ aircon
15. Standard Bus - w/o aircon
16. Standard Bus - w/ aircon
17. School Bus
18. Company Bus
19. Tourist Bus
20. Pick-up / Delivery Van
21. Truck
22. Trailer
23. Sea/Water Transport (ferry, RO-RO, pump boat)
24. Airplane
25. Others (please specify)

Parking Facility Code

1. Parking lot
2. On-road, authorized
3. On-road, unauthorized
4. Inside house, building, or premises

3rd Destination		4th Destination		5th Destination		6th Destination		
The same place as that answered in Page 1		1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)		1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)		1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)		
Barangay		Barangay		Barangay		Barangay		
Municipality/City		Municipality/City		Municipality/City		Municipality/City		
Province		Province		Province		Province		
Landmark (if you don't know the exact address)		Landmark (if you don't know the exact address)		Landmark (if you don't know the exact address)		Landmark (if you don't know the exact address)		
Trip Number 4		Trip Number 5		Trip Number 6		To page 3		
Departure and Arrival Time	: : Departure Time	: : Arrival Time	: : Departure Time	: : Arrival Time	: : Departure Time	: : Arrival Time	: : Departure Time	
Trip Purpose	Purpose _____ If others, please specify _____		Purpose _____ If others, please specify _____		Purpose _____ If others, please specify _____		Purpose _____ If others, please specify _____	
Trip Cost	P-P		P-P		P-P		P-P	
Travel Mode, Travel Time and Transfer Point	3rd Destination		4th Destination		5th Destination		6th Destination	
	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins
	1st transfer point		1st transfer point		1st transfer point		1st transfer point	
	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins
	2nd transfer point		2nd transfer point		2nd transfer point		2nd transfer point	
	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins
	3rd transfer point		3rd transfer point		3rd transfer point		3rd transfer point	
	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins
4th transfer point		4th transfer point		4th transfer point		4th transfer point		
Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	Mode:	Time: hrs mins	
Parking	Facility:	Charge: P-P	Facility:	Charge: P-P	Facility:	Charge: P-P	Facility:	Charge: P-P
Reason for Modal Choice	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	
Trip Assessment	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good		Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good		Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good		Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good	

FORM 3 TRIP RECORD (Page 3)

- Trip Purpose Code**
- To home
 - To work
 - To school/Education
 - Business
 - Private - Medical
 - Private - Social / Relatives or Friend Visit
 - Private - Eating
 - Private - Shopping
 - Private - Worship
 - Private - Recreation / Leisure / Exercise
 - To send/pick up other family members, relatives, friends, company staffs etc.
 - Others (please specify)

- Travel Mode Code**
- Walking
 - Bicycle
 - Motorcycle - driver
 - Motorcycle - passenger
 - Car/Owner-type Jeep - driver
 - Car/Owner-type Jeep - passenger
 - Pedicab
 - Tricycle
 - Taxi
 - Multicab
 - GT Express / V-hire
 - Jeepney
 - Minibus - w/o aircon
 - Minibus - w/ aircon
 - Standard Bus - w/o aircon
 - Standard Bus - w/ aircon
 - School Bus
 - Company Bus
 - Tourist Bus
 - Pick-up / Delivery Van
 - Truck
 - Trailer
 - Sea/Water Transport (ferry, RO-RO, pump boat)
 - Airplane
 - Others (please specify)

- Parking Facility Code**
- Parking lot
 - On-road, authorized
 - On-road, unauthorized
 - Inside house, building, or premises

	6th Destination	7th Destination	8th Destination	9th Destination
	The same place as that answered in Page 2			
	1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)			
	Barangay _____			
	Municipality/City _____		Province _____	
	Landmark (if you don't know the exact address) _____			
	Trip Number 7		Trip Number 8	
Departure and Arrival Time	Departure Time _____	Arrival Time _____	Departure Time _____	Arrival Time _____
Trip Purpose	Purpose _____		Purpose _____	
Trip Cost	PHP _____		PHP _____	
Travel Mode, Travel Time and Transfer Point	6th Destination		7th Destination	
	Mode: _____	Time: _____ hrs _____ mins	Mode: _____	Time: _____ hrs _____ mins
	1st transfer point _____		1st transfer point _____	
	Mode: _____	Time: _____ hrs _____ mins	Mode: _____	Time: _____ hrs _____ mins
	2nd transfer point _____		2nd transfer point _____	
Mode: _____	Time: _____ hrs _____ mins	Mode: _____	Time: _____ hrs _____ mins	
3rd transfer point _____		3rd transfer point _____		
Mode: _____	Time: _____ hrs _____ mins	Mode: _____	Time: _____ hrs _____ mins	
4th transfer point _____		4th transfer point _____		
Mode: _____	Time: _____ hrs _____ mins	Mode: _____	Time: _____ hrs _____ mins	
Parking	Facility: _____	Charge: PHP _____	Facility: _____	Charge: PHP _____
Reason for Modal Choice	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	
Trip Assessment	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good		Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good	
	7th Destination		8th Destination	
	Facility: _____		Facility: _____	
	Charge: PHP _____		Charge: PHP _____	
	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	
	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good		Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good	
	8th Destination		9th Destination	
	Facility: _____		Facility: _____	
	Charge: PHP _____		Charge: PHP _____	
	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice		1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	
	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good		Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good	

To page 4

FORM 3 TRIP RECORD (Page 4)

Trip Purpose Code

1. To home
2. To work
3. To school/Education
4. Business
5. Private - Medical
6. Private - Social / Relatives or Friend Visit
7. Private - Eating
8. Private - Shopping
9. Private - Worship
10. Private - Recreation / Leisure / Exercise
11. To send/pick up other family members, relatives, friends, company staffs etc.
12. Others (please specify)

Travel Mode Code

1. Walking
2. Bicycle
3. Motorcycle - driver
4. Motorcycle - passenger
5. Car/Owner-type Jeep - driver
6. Car/Owner-type Jeep - passenger
7. Pedicab
8. Tricycle
9. Taxi
10. Multicab
11. GT Express / V-hire
12. Jeepney
13. Minibus - w/o aircon
14. Minibus - w/ aircon
15. Standard Bus - w/o aircon
16. Standard Bus - w/ aircon
17. School Bus
18. Company Bus
19. Tourist Bus
20. Pick-up / Delivery Van
21. Truck
22. Trailer
23. Sea/Water Transport (ferry, RO-RQ, pump boat)
24. Airplane
25. Others (please specify)

Parking Facility Code

1. Parking lot
2. On-road, authorized
3. On-road, unauthorized
4. Inside house, building or premises

	9th Destination	10th Destination	11th Destination	12th Destination
	The same place as that answered in Page 3	1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)	1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)	1. Your home 2. Your workplace/school in Form 2 3. Others (Please specify the address)
		Barangay _____	Barangay _____	Barangay _____
		Municipality/City _____ Province _____	Municipality/City _____ Province _____	Municipality/City _____ Province _____
		Landmark (if you don't know the exact address) _____	Landmark (if you don't know the exact address) _____	Landmark (if you don't know the exact address) _____
	: _____ : _____ Departure Time Arrival Time	: _____ : _____ Departure Time Arrival Time	: _____ : _____ Departure Time Arrival Time	: _____ : _____ Departure Time Arrival Time
	Purpose _____ If others, please specify _____	Purpose _____ If others, please specify _____	Purpose _____ If others, please specify _____	Purpose _____ If others, please specify _____
	F-P _____	F-P _____	F-P _____	F-P _____
Travel Mode, Travel Time and Transfer Point	9th Destination	10th Destination	11th Destination	12th Destination
	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins
	1st transfer point	1st transfer point	1st transfer point	1st transfer point
	2nd transfer point	2nd transfer point	2nd transfer point	2nd transfer point
	3rd transfer point	3rd transfer point	3rd transfer point	3rd transfer point
	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins
	4th transfer point	4th transfer point	4th transfer point	4th transfer point
	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins	Mode: _____ Time: _____ hrs _____ mins
	10th Destination	11th Destination	12th Destination	
	Facility: _____ Charge: F-P _____	Facility: _____ Charge: F-P _____	Facility: _____ Charge: F-P _____	
	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice	1. Travel time 3. Convenience 5. Safety 2. Comfort 4. Cost 6. No other choice
	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good	Travel time: 1. Bad 2. Average 3. Good Comfort: 1. Bad 2. Average 3. Good Convenience: 1. Bad 2. Average 3. Good Cost: 1. Bad 2. Average 3. Good Safety: 1. Bad 2. Average 3. Good Overall: 1. Bad 2. Average 3. Good

**FORM 4: PEOPLE'S SATISFACTION/PERCEPTION ON EXISTING LIVING CONDITIONS AND URBAN SERVICES
 ANG SATISPAKSYON SA KATAWHAN / PERSEPSYON SA KASAMTANGANG KONDISYON SA
 PAMUYO UG SYUDADNONG MGA SERBISYO**

Instruction: To be completed by the household head
 Pagakumpletuhon sa pangulo sa pamilya

10-digit Household ID
 Numero sa Panimalay

Mega Cebu Vision 2050

Q1 Do you know "Mega Cebu Vision 2050"?

Nakahibalo ka ba sa "Damgo sa Mega Cebu para 2050"?

- | | | |
|---|--|-----------------------|
| 1. Yes, I also know its contents.
<i>Oo, ako sad nahibaloan unsay gihisgutan</i> | 2. Yes, I have ever heard of it.
<i>Oo, nakadungog nako niara</i> | 3. No.
<i>Wala</i> |
|---|--|-----------------------|

Please listen to your surveyor's introduction about Mega Cebu Vision 2050.
Palihug paminawa ang inyong surbeyor sa pagpaila/pagpahibalo sa Damgo sa Mega Cebu para 2050.

Q2 Please choose three (3) most important development strategies of Mega Cebu toward Vision 2050.

Palihug pili ug tulo (3) ka importanteng pamaagi sa pagpalambo sa Mega Cebu para sa Damgo 2050.

(SHOW FLASH CARD)

- | |
|---|
| 1. Education: Higher education, skills training, matching for workforce, foreign language
<i>Edukasyon: Mas taas nga lebel sa edukasyon, pagtudlo ug dugang nga kapanginabuhian, pagpares sa mga trabaho sa mga nagkinahanglan ug trabaho, pagkat-on ug pinulungan para sa gawas</i> |
| 2. Enablers: Electricity, water, information and communication technology, human capital
<i>Magpasugod: Electrisidad, tubig, teknolohiya sa inpormasyon ug komunikasyon, tawhanong bahandi</i> |
| 3. Enterprise: Manufacturing, research & development, employment generation, eco-tech
<i>Patigayon: Paggama, pagpangita ug pag-ugmad, pagmugna ug mga trabaho, eco-tech</i> |
| 4. Tourism: MICE (meetings, incentives, conventions, expos), eco-tourism, medical tourism
<i>Turismo: MICE (pagpundok, insentibo, pagtigom, eksposisyon), eco-turismo, turismo sa medika</i> |
| 5. Basic Services: Safe water supply, healthcare, sanitation, slum upgrade
<i>Primiadong mga Serbisyo: Luwas nga tinugdan sa tubig, pag-amping sa lawas, limpyo nga palibot, pagpalambo sa mga kabos</i> |
| 6. Environment: Solid waste management, watershed preservation, ecological preservation
<i>Kalikopan: Pagdumala sa mga hugaw nga materyales, pagpreserba sa mga tubig-saluran, pagpreserba sa ekolohiya</i> |
| 7. Safety: Resilience from natural disasters, crime and drugs prevention
<i>Kaluwasan: Dali makabangon gikan sa mga trahedya, pagpugong sa kriminalidad ug droga</i> |
| 8. Gateway Function: Improvement/Expansion of ports, Airport and Mactan – Cebu link
<i>Tahas sa ganghaan: pag-ugmad/pagpadaku sa mga pantalan, tugpahanan sa mga eroplano ug ang Mactan – Cebu nga koneksyon</i> |
| 9. Traffic Management: 4E (engineering, education, enactment, enforcement), road safety
<i>Pagdumala sa trapiko: 4E (engineering, edukasyon, pagmugna ug balaud, pagpatuman sa balaud), kaluwasan dinha sa dalan</i> |
| 10. Transportation Network: Bypass construction, pedestrian environment, freight & logistics
<i>Pundok sa transportasyon: konstraksyon ug bypass, katawhan nga palibot, mga karga ug mga proseso sa pagpamali</i> |
| 11. Public Transport: Mass public transport (BRT/LRT); transit-oriented development
<i>Mga sakyanan pampubliko: Mga sakyanan nga mas daghan ug pasahero (BRT/LRT), pag-ugmad sa mga sakyanan nga daghan ang pasahero</i> |

Preparation for Disasters

Q1 How does your family collect information regarding the hazards of expected natural disasters such as typhoon, flooding, high tide, and so on?

Giunsa ug kolekta ug inpormasyon sa imong pamilya bahin sa mga bati nga mahitabo kung dunay bagyo, pagbaha, taas nga tubig ug uban pa?

- | | | | |
|--|---|---|--|
| 1. Radio/ TV
<i>Radyo</i> | 3. Barangay Officials
<i>Opisyal sa barangay</i> | 5. Children's School
<i>Eskwelahan sa mga bala</i> | 7. SMS
<i>Text Message</i> |
| 2. Newspaper
<i>Dyaryo</i> | 4. Neighbors
<i>Mga silingan</i> | 6. Social Media
<i>Social Media</i> | 8. No Information
<i>Wala'y inpormasyon</i> |
| 9. Others Please specify:
<i>Uban pa (Palihug hinganli:)</i> | | | |

Q2 Does your family know any places to be evacuated when your family is hit by natural disasters?

Duna bay nahibaw-an ang imong pamilya nga mga lugar para bakwitan kung ang imong pamilya maigo ug mga natural nga kalamidad?

- | | |
|---------------------|----------------------|
| 1. Yes
<i>Oo</i> | 2. No
<i>Wala</i> |
|---------------------|----------------------|

Q3 a. Where did your family evacuate in the case of Super-typhoon Yolanda?

Asa nga lugar ang imong pamilya mibakwit sa kaso sa super-typhoon Yolanda?

1. Evacuation site designated by the Local Government (→ Proceed to question b)
Lugar nga bakwitan nga gi-andam sa Lokal nga Kagamhanan (→ Deretso sa pangutana b)
2. Evacuation site designated by NGO (→ Proceed to question b)
Lugar nga bakwitan ng gi-andam sa NGO (→ Deretso sa pangutana b)
3. House of relatives (→ Proceed to Q4)
Balay sa paryente (→ Deretso sa pangutana Q4)
4. House of neighbors (→ Proceed to Q4)
Balay sa silingan (→ Deretso sa pangutana Q4)
5. Other safer places (→ Proceed to Q4)
Uban pang lugar nga layo sa piligro (→ Deretso sa pangutana Q4)
6. Did not evacuate (→ Proceed to question c)
Wala mobakwit (→ Deretso sa pangutana c)

b. If you selected "1" or "2" in question a, please identify the type of evacuation site.

Kung gipili nimo ang "1" o "2" sa pangutana a, palihog ilha ang klase nga lugar nga bakwitan.

- | | | | |
|--------------------------------|----------------------------------|--|-----------------------------|
| 1. School
<i>Eskwelahan</i> | 2. Gymnasium
<i>Gymnasium</i> | 3. Religious places (church, mosque, etc.)
<i>Balaan nga Lugar (simbahan, mosque, etc.)</i> | 4. Others
<i>Uban pa</i> |
|--------------------------------|----------------------------------|--|-----------------------------|

c. If you answered "6" in question a, why didn't your family evacuate?

Kung imong gitubag "6" sa pangutana a, nganong wala mobakwit ang imong pamilya?

- | | |
|---|--|
| 1. Risk of losing household items
<i>Ang kahadlok nga mawala ang mga butang sa balay</i> | 3. Underestimated the risk of disaster
<i>Ubos ang panglantaw sa risiko sa katalagman</i> |
| 2. Too late to evacuate
<i>Ulahi na para mobakwit</i> | 4. Did not believe the news
<i>Wala mituo sa balita</i> |
| 5. Others Please specify:
<i>Uban pa (Palihug hinganli.</i> | |

Q4 Please evaluate the level of risk of your house to the following natural disasters?

Palihug ug grado sa lebel sa risiko sa imong balay sumala sa gihatag nga mga natural nga katalagman?

	High <i>Taas</i>	Moderate <i>Igo ra</i>	Low <i>Ubos</i>	Don't know <i>Wala kabalo</i>
1. Flood <i>Baha</i>	1	2	3	4
2. Typhoon <i>Bagyo</i>	1	2	3	4
3. Landslide <i>Pagdahili</i>	1	2	3	4
4. Earthquake <i>Linog</i>	1	2	3	4

Q5 a. If your house is located in high risk area for natural disasters, do you agree with the transfer of your house to a safer place provided by government?

Kung ang imong balay nabutang sa lugar nga taas ang risiko para sa katalagman, mouyon ka ba nga balhinon ang imong balay sa lugar nga luwas nga ihatag sa gobyerno?

- | | | |
|--|---|----------------------|
| 1. Yes, without condition
<i>Oo, wala'y kondisyon</i> | 2. Yes, with condition (→ Proceed to question b)
<i>Oo, naa'y kondisyon (→ Padayun sa pangutana b)</i> | 3. No
<i>Dili</i> |
|--|---|----------------------|

b. If you answered "2" in Q5a, what is the priority condition of transfer?

Kung imong gitubag "2" sa Q5a, unsa ang imong pinakaprioridad nga kondisyon sa pagbalhin?

- | | |
|--|---|
| 1. Job opportunity
<i>Oportunidad sa trabaho</i> | 3. Ownership of land and house
<i>Pagpanag-iya sa balay ug yuta</i> |
| 2. Subsidy for housing
<i>Hinabang sa pagpabalay</i> | 4. Transfer with my neighbors and keep current community
<i>Pagbalhin uban sa mga silingan ug pagtinir sa kasamtangang komunidad</i> |
| 5. Others Please specify:
<i>Uban pa (Palihug hinganli.</i> | |

Water

Q1 What is the source of water in your house by purpose? Please choose the main source and, if any, two supplemental sources for each purpose. And, how much does your family spend monthly for each water source?

Unsa ang tinugdan sa tubig sa inyong balay base sa tumong? Palihug ug pili sa pinakatinugdan, ug kung naa, laing duha nga dugang nga tinugdan. Unya, pila man ang gastos sa imong pamilya kada buwan para sa tubig?

	a. For drinking Para Inumon		b. For the other purposes Para sa uban nga tumong	
	i) Source Gigikanan	ii) Expenditure (Peso/month) Gasto (Peso/bulan)	i) Source Gigikanan	ii) Expenditure (Peso/month) Gasto (Peso/bulan)
1. Main source Pinakatinugdan sa tubig				
2. Supplemental source (1) Dugang nga gigikanan (1)				
3. Supplemental source (2) Dugang nga gigikanan (2)				

Source of water:

Gigikanan sa tubig:

1. Piped water supply system Suplay sa tubig gikan sa tubo	4. The household's own well Kaugalingung atabay	7. Water refilling station Estasyon sa tubilanan sa tubig
2. Public tap Kumon nga tinugdan sa tubig	5. Neighbors' well/tap Sa silingan nga tinugdan sa sa tubig/atabay	8. Rain, spring, creek, canal or pond Ulan, tubod, sapa, lim-aw
3. Public well Pampublikong atabay	6. Bottled water Komersyal nga binutilyang tubig	

Q2 If your house has a connection to piped water supply system (who select "1" in Q1), please answer the following questions:

Kung ang inyong balay konektado ug tubig nga gikan sa tubo (para sa nipili ug "1" sa Q1), palihug tubagi kining musunod nga mga pangutana:

a. How much water does your family consume a month in average?

Unsa kadaghan nga tubig ang magamit sa inyong pamilya kada buwan?

1. 10 m ³ or less Ubas sa 10 m ³	3. 21 – 30 m ³	5. 41 – 50 m ³
2. 11 – 20 m ³	4. 31 – 40 m ³	6. More than 50 m ³ Sobra sa 50 m ³

b. Are you satisfied with the current service level of the piped water supply?

Sa pagkaron natagbaw ka ba sa kasamtangang lebel sa serbisyo sa sistema sa suplay sa tubig?

	Highly unsatisfied Wala gyud natagbaw	Unsatisfied Wala natagbaw	Average Sakto lang	Satisfied Natagbaw	Highly Satisfied Natagbaw gyud
1. Water quantity Kadaghanon sa tubig	1	2	3	4	5
2. Water quality Kalidad sa tubig	1	2	3	4	5
3. Water pressure Kakusog sa tubig	1	2	3	4	5
4. Hours of supply Oras sa supply	1	2	3	4	5
5. Price Presyo	1	2	3	4	5

Q3 a. If your household owns a private well, is your family still able to use that daily?

Kung ang imong pamilya dunay pribado nga atabay, gigamit ba gihapon ni ninyo kada adlaw?

1. Yes (→ Proceed to question b) Oo (→ Deretso sa pangutana b)	2. No (→ Proceed to question c) Wala (→ Deretso sa pangutana c)
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b. If your family is still able to use your own well, please evaluate its current conditions.

Kung ang imong pamilya naggamit pa sa inyong kaugalingun nga atabay, palihog i-evaluate ang kondisyon niini karon.

	Highly unsatisfied Wala gyud matagbaw	Unsatisfied Wala matagbaw	Average Sakto lang	Satisfied Natagbaw	Highly Satisfied Natagbaw gyud
1. Water quantity Kantidad sa tubig	1	2	3	4	5
2. Water quality Kalidad sa tubig	1	2	3	4	5

c. If you own a private well but you didn't use that recently, what is the main reason?

Kung duna kamoy kaugalingon nga atabay apan wala na kini ninyo gigamit karon, unsa may rason sa wala na paggamit?

1. Drying up <i>Nauga na</i>	3. Salt water intrusion <i>Nasagulan og tubig dagat</i>
2. Pollution <i>Hugaw ang tubig tungod sa polusyon</i>	4. Introduction of piped water supply <i>Pagmugna sa tubo nga supply sa tubig</i>

Q4 If a stable and 24-hour water supply is provided, up to how much is your family willing to pay per month?

Kung dunay masaligan ug 24-oras nga suplay sa tubig nga ihatag kaninyo, mga pila kaha ang inyong pwede ibayad kada buwan?

1. 200 Pesos or less <i>Ubos sa 200 Pesos</i>	4. 601 – 800 Pesos	7. 1,201 – 1,400 Pesos
2. 201 – 400 Pesos	5. 801 – 1,000 Pesos	8. 1,401 – 1,600 Pesos
3. 401 – 600 Pesos	6. 1,001 – 1,200 Pesos	9. More than 1,600 Pesos <i>Sobra sa 1,600 Pesos</i>

Sanitation

Q1 What kind of toilet facility does your house have?

Unsa nga klase nga kasilyas ang naa sa inyong balay?

1. No toilet <i>Wala'y kasilyas</i>	2. Pit latrine <i>Ordinaryo nga kasilyas</i>	3. Pour-flush toilet <i>Yab-an ug tubig nga kasilyas</i>	4. Flush toilet <i>I-flush na kasilyas</i>
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Q2 How does your house treat sewerage?

Giunsa man sa inyong balay ang pagtratar sa hugaw nga tubig?

1. Black water (waste water with human wastes): <i>Itom nga tubig nga dunay hugaw sa tawo</i>	1. Drainage (no treatment) <i>Kanal (Walay Pag-atiman)</i>	2. Septic tank <i>Septic tank</i>	3. Sewerage system <i>Sistema sa Pagtratar sa Hugaw</i>
2. Gray water (waste water without human wastes): <i>Itom nga tubig nga walay hugaw sa tawo</i>	1. Drainage (no treatment) <i>Kanal (Walay Pag-atiman)</i>	2. Septic tank <i>Septic tank</i>	3. Sewerage system <i>Sistema sa Pagtratar sa Hugaw</i>

Q3 If you use a septic tank, how often do you remove sludge from the tank?

Kung naggamit mo ug septic tank, kanus-a ninyo habwaan sa hugaw ang tanke?

1. Annually <i>Tinuig</i>	2. Every 3 years <i>Kada 3 ka tuig</i>	3. Every 5 years or more <i>Kada 5 ka tuig o sobra pa</i>	4. Never <i>Dili gayud</i>	5. Not sure <i>Dili sigurado</i>
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Q4 Please evaluate the following points about sanitation at or around your house.

Palihog graduhí pinaagi sa pagpuntos bahin sa kalimpyo sa inyo o sa palibot sa inyong balay.

	Always <i>Permi</i>	Sometimes <i>Usahay</i>	No problem <i>Wala'y problema</i>	Not sure <i>Dili sigurado</i>
1. Offensive odor (bad smell): <i>Alingasaw nga baho</i>	1	2	3	4
2. Pipe clogging: <i>Barado nga tubo</i>	1	2	3	4
3. Overflow of wastewater: <i>Ga-awas nga hugaw sa tubig</i>	1	2	3	4

Q5 If the sanitary condition in your house is improved, up to how much is your family willing to pay per month?

Kon ang sanitaryo nga kondisyon sa inyong balay miuswag, asa hangtud nga kantidad ang inyong kaya mabayran kada buwan?

1. None <i>Wala</i>	4. 201 to 400 Pesos	7. 801 to 1,000 Pesos
2. 1 to 100 Pesos	5. 401 to 600 Pesos	8. More than 1,000 Pesos
3. 101 to 200 Pesos	6. 601 to 800 Pesos	<i>Labaw pa sa 1,000 Pesos</i>

Drainage

Q1 Please specify how you find drainage conditions in your neighborhood.

Palihog hinganli kung unsay imong pagtanaw sa kondisyon sa kanal sa inyong kasilinganan.

a. Is there a drainage system in your neighbour?

Naa ba'y drainage system sa inyong silingan?

1. Yes (→ Proceed to question b) <i>Oo (→ Padayun sa pangutana b)</i>	2. No (→ Proceed to Q2) <i>Wala (→ Padayun sa Q2)</i>
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b. If yes, how do you find drainage conditions in your neighbourhood?

Kung oo, unsa man imong masulti bahin sa kondisyon sa drainage sa inyong silingan?

1. Very bad	2. Bad	3. Average	4. Good	5. Very good
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Q2 How often is your house and/or land flooded?

Kanus-a kasagaran mabahaan ang inyong balay?

1. Every month <i>Kada bulan</i>	3. Every 2 years <i>Kada 2 ka tuig</i>	5. More than every 10 years <i>Sobra sa 10 ka tuig</i>
2. Every year <i>Kada tuig</i>	4. Every 10 years <i>Kada 10 ka tuig</i>	6. Never experienced <i>Wala na sinati</i>

Electricity and Fuel

Q1 How much electricity does your family consume per month in average?

Pila ang konsumo sa kuryente nga mabayran sa imong pamilya kada buwan?

1. 50 kWh or less <i>Ubos sa 50 kWh</i>	4. 151 to 200 kWh	7. 301 to 350 kWh
2. 51 to 100 kWh	5. 201 to 250 kWh	8. 351 to 400 kWh
3. 101 to 150 kWh	6. 251 to 300 kWh	9. More than 400 kWh <i>Sobra sa 400 kWh</i>

Q2 How often does your family experience blackout in your house?

Kapila nakasinati ug blackout ang inyong balay?

1. Never experienced <i>Wala makasinati</i>	3. Several times a year <i>Kadaghan sa usa ka katuig</i>	5. More than once a week <i>Sobra sa usa ka semana</i>
2. Less than once a year <i>Ubos sa usa ka katuig</i>	4. 1 – 3 time(s) a month <i>1-3 x kada buwan</i>	

Q3 How does your family feel about your current electricity charges?

Unsa man ang hunahuna sa inyong pamilya bahin sa bayranan sa kuryente sa pagkakaran?

1. Expensive <i>Mahal</i>	2. Reasonable <i>Sakto ra</i>	3. Inexpensive <i>Dili mahal</i>
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Q4 How much will your family additionally pay per month for better electricity services without blackout and voltage fluctuation?

Pila man kaha ang pwede bayran ug dugang sa inyong pamilya kada buwan para sa mas maayong serbisyo sa electricidad nga walay blackout ug pgsaka-kana-ug sa boltahe?

1. No need for better service <i>Wala nanginahanglan</i>	4. 51 to 100 Pesos	7. 201 to 250 Pesos
2. None (the same charge) <i>Wala (parehong bayronon)</i>	5. 101 to 150 Pesos	8. 251 to 300 Pesos
3. 50 Pesos or less <i>Ubos sa 50 Pesos</i>	6. 151 to 200 Pesos	9. More than 300 Pesos <i>Sobra sa 300 Pesos</i>

Q5 What does your family mainly use for cooking and boiling water?

Unsa man ang gigamit sa pagluto ug pagpa-bukal ug tubig sa inyong pamilya?

1. Stove using firewood <i>Sug-angan gamit ang kahoy</i>	4. Stove using kerosene <i>Sug-angan gamit ang gaas</i>	7. Electric stove <i>Sug-angan nga de-kuryente</i>
2. Stove using rice husk <i>Sug-angan gamit ang tipasi</i>	5. Stove using LPG <i>Sug-angan gamit ang LPG</i>	8. Others <i>Uban pa</i> Please specify: (<i>Palihog hingranli: _____</i>)
3. Stove using charcoal/briquette coal <i>Sug-angan gamit ang uling</i>	6. Stove using piped gas <i>Sug-angan gamit ang de-tubo nga gas</i>	

Q6 When your family needs hot water for shower/bath, what do you mainly use?

Unsa man ang gigamit kung gikinahanglan sa inyong pamilya ug init nga tubig para kaligo?

1. Equipment answered in Q5 <i>Ang tubag sa Q5</i>	4. Hot water supply from condo/apartment <i>Init nga suplay sa tubig gikan sa condo/apartment</i>
2. Electric water heater <i>De-kuryente nga pag-init sa tubig</i>	5. Others <i>Uban pa</i> Please specify: (<i>Palihog hingranli: _____</i>)
3. Gas water heater using LPG or piped gas <i>De-gas nga heater sa tubig gamit LPG/tubo</i>	

Q7 How much does your family pay for non-electric power (fuel) for cooking, boiling water, and heating per month in average?

Pila man kasagaran ang gibayran sa inyong pamilya sa dili de-kuryente (gasul) para sa pagluto, pagpabukal og tubig, og painit kada buwan?

1. 200 Pesos or less <i>Ubos sa 200 Pesos</i>	4. 601 to 800 Pesos	7. 1,201 to 1,400 Pesos
2. 201 to 400 Pesos	5. 801 to 1,000 Pesos	8. 1,401 to 1,600 Pesos
3. 401 to 600 Pesos	6. 1,001 to 1,200 Pesos	9. More than 1,600 Pesos <i>Sobra sa 1,600 Pesos</i>

Solid Waste Collection

Q1 Is your family provided with solid waste collection services?

Nahatagan ba inyong pamilya ug serbisyo sa koleksyon sa basura?

- | | |
|--|--|
| 1. Yes (→ Proceed to Q2 and Q3)
<i>Oo (→ Padayon sa Q2 ug Q3)</i> | 2. No (→ Proceed to Q4)
<i>Wala (→ Padayon sa Q4)</i> |
|--|--|

Q2 If your family is provided with solid waste collection service, to where and how often is the service provided?

Kung ang inyong pamilya nahatagan ug serbisyo sa koleksyon sa basura, asa dapit ug ikapila mahatag ang serbisyo?

	a. Availability <i>Okasyon</i>	b. If available, frequency <i>Kung naa kapila</i>			
		Daily <i>Kada adlaw</i>	2 – 4 times a week <i>2-4x sa usa ka semana</i>	Once a week <i>Ka usa sa usa ka semana</i>	Less than once a week <i>Wala gyud sa usa ka semana</i>
1 Your house <i>Inyong balay</i>	1. Yes <i>Oo</i> 2. No <i>Wala</i>	1	2	3	4
2 Public waste container <i>Pampublikong sudlanan sa basura</i>	1. Yes <i>Oo</i> 2. No <i>Wala</i>	1	2	3	4
3 Others <i>Uban pa (Cost: _____ Pesos/time)</i>	1. Yes <i>Oo</i> 2. No <i>Wala</i>	1	2	3	4

(Note: Please also ask cost per time for "others.")

Q3 (For those who receive collection services) Are you satisfied with the current services?

(Para sa nakadawat sa serbisyo sa koleksyon) Natagbaw ka ba sa serbisyo sa pagka-karon?

	Highly unsatisfied <i>Wala gyud matagbaw</i>	Unsatisfied <i>Wala matagbaw</i>	Average <i>Sakto lang</i>	Satisfied <i>Natagbaw</i>	Highly satisfied <i>Natagbaw gyud</i>	Don't know <i>Wala kahibalo</i>
1. Frequency of collection <i>Kanunay nga koleksyon</i>	1	2	3	4	5	6
2. Method of collection <i>Pamaagi sa pagkoleksyon</i>	1	2	3	4	5	6
3. Fee <i>Bayranan</i>	1	2	3	4	5	6
4. Cleanliness of the surrounding <i>Kalimpyo sa palibot</i>	1	2	3	4	5	6
5. Situation of city's dump site <i>Sitwasyon sa labayanan sa basura sa syudad</i>	1	2	3	4	5	6

Q4 (For those who do NOT have services), how does your family dispose solid waste?

(Para sa wala nahatagan og serbisyo), Unsa ma'y pamaagi sa inyong pamilya sa paglabay sa basura?

1. Bury in nearby land <i>Ilubong sa duol nga lugar</i>	4. Bring to city's dump sites with tipping fee <i>Ipadala sa basurahan sa syudad inapilan ug gamay nga suhol</i>
2. Burn in nearby land <i>Sunogon sa duol nga lugar</i>	5. Throw to nearby drainage or river <i>Ilabay sa duol nga kanal o suba</i>
3. Throw to nearby dump sites <i>Ilabay sa duol nga dump site</i>	
6. Others Please specify <i>Uban pa (Palihog hingani)</i>	

Q5 a. Does your family separate the following materials from your garbage? If yes, what does your family do for separated materials (select from the following box)? (SHOW FLASH CARD OF b. ACTIONS TO THE SEPARATED MATERIAL)

Lainon ba sa imong pamilya ang mga materyales gikan sa inyong basura? Kung oo, unsay pagabuhaton sa imong pamilya sa mga gi-lain nga mga materyales (pagpili sa tubag gikan sa seleksyon)? (Ipakita ang Flash Cards sa mga aksyon nga pagabuhaton)

1. Wet waste including food waste
Basa nga basura apil na ang salin nga pagkaon
2. Food waste
Salin nga pagkaon
3. Plastic bottle
Botelya nga plastik
4. Other plastic waste
Uban pa nga plastic nga basura
5. Aluminum can
Aluminum nga lata
6. Metal
Puthaw
7. Glass bottle
Botelya nga bildo
8. Others Please specify:
Uban pa (Palihog hinganti: _____)

a. Separation of Garbage	b. Select from the box below
1. Yes 2. No	
1. Yes 2. No	
1. Yes 2. No	
1. Yes 2. No	
1. Yes 2. No	
1. Yes 2. No	
1. Yes 2. No	

b. Actions to the separated materials:

Mga gibuhad sa lina-in nga materyales:

1. Give to collection service <i>Ihatag sa serbisyo sa koleksyon</i>	4. Use by yourself as composting <i>Gamiton para composting</i>
2. Use by yourself as containers <i>Gamiton nga sudlanan</i>	5. Sell to buyers who come to your house <i>Ibaligya ngadto sa mamalitay ug recycled nga basura nga moanha sa balay</i>
3. Use by yourself as food for animals <i>Gamiton nga pagkaon para sa mga mananap</i>	6. Bring and sell to buyers <i>Dad-on og ibaligya sa mamalitay ug recycled nga basura</i>
7. Others Please specify: <i>Uban pa (Palihog hinganti: _____)</i>	

Q6 What is the most important viewpoint for waste disposal and processing facilities?

Unsa ang pinaka-importante nga panan-aw sa paglabay sa basura ug mga pasilidad sa pagproseso niini? (SHOW FLASH CARD OF ANSWER OPTIONS)

1. Contamination of ground water <i>Kontaminasyon sa tubig ilawom sa yuta</i>	6. Total cost for processing and disposal <i>Kinalibuk-ang gastos para sa pagproseso ug paglabay</i>
2. Air pollution <i>Polusyon sa hangin</i>	7. Safety and sanitation control for scavengers <i>Pagkontrolar sa kaluwasan ug sanitasyon alang sa mga ligpangaykay</i>
3. Incineration treatment <i>Tratamento sa pagsunog</i>	8. Ensuring employment <i>Kasiguruhan sa trabaho</i>
4. Offensive smell and pests <i>Alingasaw nga baho og peste</i>	9. Thermal and/or electricity supply from the facilities <i>Kainit/thermal o supply sa kuryente gikan sa pasilidad</i>
5. Volume of landfill disposal <i>Kadaghanon sa paglabay sa basurahan</i>	

Traffic Congestions

Q1 How do you feel about traffic congestions on the way to workplace/school?

Unsay imong hunahuna bahin sa kahuot sa trapiko paingon sa trabahoan/Eskwelahan?

1. Very bad <i>Sobra ka di maayo</i>	2. Bad <i>Di maayo</i>	3. Average <i>Sakto lang</i>	4. Good <i>Maayo</i>	5. Very good <i>Sobra ka maayo</i>
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Q2 If you answered "bad" (code 2) or "very bad" (code 1) in Q1, what are causes of traffic congestions? Please choose two (2) items.

Kung nitubag ka og "di maayo" (code 2) o "sobra ka di maayo" (code 1) sa Q1, unsa may hinungdan sa kahuot sa trapiko? Palihog pili ug duha (2) ka rason. (SHOW FLASH CARD OF ANSWER OPTIONS)

1. Increasing usage in automobiles <i>Nagkadaghan nga naggamit ug sakyanan</i>	5. Undisciplined people's driving manner <i>Dili disiplinado nga pagmaneho sa mga drayber</i>
2. Lack of traffic signals <i>Kulang sa traffic signals</i>	6. Insufficient public transport <i>Kulang sa Pampbulko nga sakyanan</i>
3. Overlapping of jeepney routes <i>Mga nagsapaw nga rota sa jeepney</i>	7. Lack of traffic management and enforcement <i>Kulang sa pagdumala sa trapiko ug pagpatuman sa balaud sa trapiko</i>
4. Lack of roads or bad road <i>Kulang sa karsada ug dautan nga karsada</i>	
8. Others Please specify: <i>Uban pa (Palihog hinganti: _____)</i>	

Q3 How do you feel about the present traffic situation on the way to workplace/school compared to 5 years ago?
Unsa man imong pagbati bahin sa kahout sa trapiko paingon sa trabaho/eskwelahan kompara sa niaging lima (5) ka tuig?

	Very much worse <i>Grabe kadautan</i>	Worse <i>Dautan</i>	Worse but not much <i>Bati pero Dili kaayo</i>	Same <i>Pareha ra</i>	Better <i>Arang-arang</i>
1. Congestion <i>Kahuot</i>	1	2	3	4	5
2. Safety <i>Kaluwasan</i>	1	2	3	4	5
3. Convenience <i>Kahayahay</i>	1	2	3	4	5
4. Road condition <i>Kondisyon sa dalan</i>	1	2	3	4	5
5. Air pollution <i>Polusyon sa hangin</i>	1	2	3	4	5

Transport Measures

Q1 a. Do you think public transport services must be improved and expanded in the future?

Para sa imo kinahanglan ba mo-usbaw ug mapadako ang serbisyo sa pampubliko nga transportasyon ugma damlag?

1. Yes (→ Proceed to question b) <i>Oo (→ Padayon sa pangutana b)</i>	2. No <i>Dili</i>	3. Don't know <i>Wala kahibalo</i>
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b. If Yes, what types of public transport services must be introduced? Please choose two (2).

Kung oo, unsa nga klase nga serbisyo nga pampublikong sakyanan ang dapat ipa-ila? Palihog pili ug duha (2).

(SHOW FLASH CARD OF ANSWER OPTIONS)

1. Jeepney <i>Dyip</i>	3. Bus rapid transit <i>Paspas modagan nga Bus</i>	5. Streetcar / On-street LRT <i>Subay sa dalan nga espesyal nga sakyanan/ On-street LRT</i>
2. Ordinary bus <i>Ordinaryo nga bus</i>	4. Urban railway <i>Relis pangsiyudad</i>	6. Ferry / Passenger craft <i>Ferry/ Passenger craft</i>

Q2 Do you agree with the following transport improvement measures in the future?

Mu-uyon ka ba sa musonod nga mga pamaagi sa pag-usbaw sa transportasyon ugma damlag?

(SHOW FLASH CARD OF IMPROVEMENT MEASURES)

	Agree <i>Uyon</i>	Disagree <i>Dili Mo-uyon</i>	Not sure <i>Dili sigurado</i>
1. Construction/Improvement of roads <i>Konstruksyon/ Pag-usbaw sa dalan</i>	1	2	3
2. Construction/Improvement of flyovers <i>Konstruksyon/ Pag-usbaw sa flyovers</i>	1	2	3
3. Improvement of traffic signals <i>Pag-usbaw sa signal sa trapiko</i>	1	2	3
4. Improvement of sidewalks, pedestrian crossings, and pedestrian bridges <i>Pag-usbaw sa daplin sa dalan nga agian sa mga tawo , tabokanan, og labyanan nga tulay</i>	1	2	3
5. Introduction of bus rapid transit <i>Pag-paila sa paspas nga modagan nga Bus</i>	1	2	3
6. Construction of urban railway (elevated/at-grade) <i>Konstruksyon sa Relis pansiyudad (elevated/at-grade)</i>	1	2	3
7. Improvement of water transportation system (new watercrafts, piers, service routes, etc.) <i>Pag-usbaw sa sistema sa tubig nga transportasyon (bag-ong watercrafts, piers, service routes, etc.)</i>	1	2	3
8. Restriction of truck traffic entering to the city center <i>Pagdili sa mga truck nga mosulod sa syudad</i>	1	2	3
9. Restriction of car/motorcycle use in designated areas <i>Pagdili sa mga sakyanan/motorsiklo sa mga gipanganlan nga mga lugar</i>	1	2	3
10. Increase of user-charges for car/motorcycle (registration, license, fuel tax, and parking fees) <i>Pagtaas sa bayranan sa paggamit ug awto/motorsiklo (rehistro, lisensya, fuel tax, parking fees)</i>	1	2	3
11. Restriction of bicycles, motorcycles, pedicabs, tricycles and calesa <i>Pagdili paggamit sa bisikleta, motorsiklo, pedicab, trisikad og kalesa</i>	1	2	3
12. Strict control of unauthorized on-road parking and development of public parking facilities <i>Strikto nga pagkontrolar sa pagdili pag-parking sa dalan ug sa pagpa-uswag sa pampublikong pasilidad para sa parking</i>	1	2	3
13. Control of air pollution <i>Kontrol sa polusyon sa hangin</i>	1	2	3
14. Promotion of people's understanding on transport problems and measures <i>Pagpadasig sa pagpasabot sa katawhan mahitungod sa problema ug pamaagi sa transportasyon</i>	1	2	3

Governance

Q1 How do you evaluate public participation, policy, and policy making process?

Unsaon man nimo pag-grado ang partisipasyon sa publiko, polisiya, og pagproseso sa pagbuhat og polisiya?

	Very high Sobra Kataas	High Taas	Medium Sakto lang	Low Mubo	None Wala	Don't know Wala kahibalo
1. What is your level of participation in the policy making process? (e.g. public meetings, local council sessions) <i>Unsa ang lebel sa imong partisipasyon sa proseso sa pagbuhat ug polisiya? (e.g. public meetings, local council sessions)</i>	1	2	3	4	5	6
2. How well are community's interests and views reflected in LGU's policies? <i>Unsa ka maayo pagtan-aw ang mga interes ug panglantaw sa komunidad diha sa polisiya sa LGU's?</i>	1	2	3	4	5	6
3. To what extent is the local government transparent and accountable to the citizens in regard to their policy and decision making process? <i>Asa hangtud ang pagkaktaro ug tulubagon sa lokal nga pangagamhanan sa mga lumolupyo mahitungod sa polisiya ug proseso sa paghimo ug desisyon?</i>	1	2	3	4	5	6

Q2 To what extent are you satisfied with the quality of local government decisions and administrative functions regarding the issues below?

Asa man hangtud ang imong katagbawan mahitungod sa desisyon sa local nga pangagamhanan ug administratibong kahimo-an bahin sa mga isyu nga gisaysay sa ubos nga bahin?

	Very satisfied Natagbaw Gyud	Satisfied Natagbaw	Neutral/ Neither Okay lang	Not satisfied Wala matagbaw	Not satisfied at all Wala Gyud Matagbaw	Don't know Amot Lang
1. Local development plans <i>Mga plano sa local nga kalambo-an</i>	1	2	3	4	5	6
2. Municipal budgets <i>Mga budget sa munisipyo</i>	1	2	3	4	5	6
3. Issuing licenses and documents <i>Pag-isyu ug lisensya ug dokumento</i>	1	2	3	4	5	6
4. Collecting local taxes, fees, and charges <i>Pagkolekta sa buhis local ug mga bayranan</i>	1	2	3	4	5	6
5. Information disclosure <i>Pagpadayag sa Inpormasyon</i>	1	2	3	4	5	6
6. Public services provided by local government, compared to the amount of tax you pay <i>Serbisyo sa publiko nga gihatag sa local nga gobyerno, kompara sa kantidad sa buhis nga gibayran nimo</i>	1	2	3	4	5	6
7. Overall performance of the local government <i>Kinatibok-an nga pag-alagad sa local nga pangagamhanan</i>	1	2	3	4	5	6

Q3 In your opinion, what are the main causes of prolonged urban problems in Mega Cebu? Please select three (3) most appropriate answers.

Sa imong opinyon, unsa ang pinaka hinungdan sa kalanagan sa mga problema sa Mega Cebu? Palihog pili ug tuho (3) ka angay nga tubag. (SHOW FLASH CARD OF ANSWER OPTIONS)

1. Lack of financial resources/ economic problems <i>Kulang sa pundo pinansyal/ problema nga pang-economiya</i>
2. Lack of technical capability and technologies <i>Kulang sa kapabilidad teknikal ug mga teknolohiya</i>
3. Lack of appropriate plans and policies <i>Kulang sa angay nga mga plano og polisiya</i>
4. Lack of strict regulations and control of development <i>Kulang sa strikto nga regulasyon ug pagkontrolar sa kalambo-an</i>
5. Lack of political will/ leadership change <i>Kulang sa politikanhong pagbuot/kausaban sa pamunu-an</i>
6. Lack of understanding/ awareness on the urban issues <i>Kulang sa pagsinabtanay/hibangkaagan sa syudadnong mga isyu</i>
7. Lack of cooperation among stakeholders (e.g., governments, the private sector, civil society) <i>Kulang sa kooperasyon sa mga hingtungdan (e.g., gobyerno, pribadong sektor, katilingbang sibil)</i>
8. Lack of the private sector participation and cooperation <i>Kulang sa partisipasyon sa pribadong sektor og kooperasyon</i>
9. Others Please specify: <i>Uban pa (Palihog hinganli.</i>

Overall Assessment

Q1 How do you find living environment and services in your neighborhood with regard to the following aspects?
Unsay imong nakit-an sa mga serbisyo ug kahimtang sa pagpamuyo sa inyong kasilinganan bahin sa mga musunod nga aspeto? (SHOW FLASH CARD OF LIVING ENVIRONMENT AND SERVICE ASPECTS)

		Highly unsatisfied Wala Gyud Matagbaw	Unsatisfied Wala matagbaw	Average Sakto lang	Satisfied Natagbaw	Highly Satisfied Natagbaw Gyud
Living Environment <i>Buhi na Kahimtangan</i>	1. Safety/ security in neighborhood <i>Kaluwasan o seguridad sa lugar</i>	1	2	3	4	5
	2. Preparedness to natural/man-made disasters <i>Pagpangandam sa natural/ man-made nga mga katalagman</i>	1	2	3	4	5
	3. Neighborhood association <i>Asosasyon sa kasilinganan</i>	1	2	3	4	5
	4. Housing <i>Kabalayanan</i>	1	2	3	4	5
	5. Air quality and odor <i>Kalidad sa hangin ug baho</i>	1	2	3	4	5
	6. Noise <i>Kasaba</i>	1	2	3	4	5
	7. Sanitary condition <i>Sanidad ug kalimpyo sa palibot</i>	1	2	3	4	5
	8. Landscape/ historical places <i>Talan-awon/ Masaysayon nga mga Lugar</i>	1	2	3	4	5
	9. Parks/ greenery <i>Parke/ Mga tanom sa palibot</i>	1	2	3	4	5
	10. Entertainment <i>Kalingawan</i>	1	2	3	4	5
Quality of Public Services <i>Kalidad sa Serbisyon Publiko</i>	11. Electricity supply <i>Probisyon sa kuryente</i>	1	2	3	4	5
	12. Water supply <i>Probisyon sa tubig</i>	1	2	3	4	5
	13. Sewage system <i>Sistema sa pagpundo sa hugaw (Sewage)</i>	1	2	3	4	5
	14. Drainage system <i>Sistema sa kanal</i>	1	2	3	4	5
	15. Telecommunication <i>Telekomunikasyon</i>	1	2	3	4	5
	16. Solid waste collection <i>Koleksyon sa basura</i>	1	2	3	4	5
	17. Health care <i>Pag-atiman sa panglawas</i>	1	2	3	4	5
	18. Education <i>Edukasyon</i>	1	2	3	4	5
	19. Public transport <i>Pampublikong transportasyon</i>	1	2	3	4	5

Q2 Please select three (3) most important points for you from those aspects shown in Q1.
Palihog pili ug tulo (3) nga pinaka-importante nga aspeto nga gipakita sa Q1.

Q3 How do you feel about the future in the light of the Mega Cebu Program?

1. Optimistic / Hopeful 2. Neutral 3. Pessimistic / Hopeless 4. Not sure

Q4 (To be filled out by surveyors) How do you (surveyor) find the respondent feels about the future in the light of the Mega Cebu Program?

1. Optimistic / Hopeful 2. Neutral 3. Pessimistic / Hopeless 4. Not sure

Q5 What can you do to help the Mega Cebu Program? (Free description)

Appendix 2A

Questionnaire

**Japan International Cooperation Agency (JICA)
Metro Cebu Development and Coordinating Board (MDCDB)
The Roadmap Study for Sustainable Urban Development in Metro Cebu**

WATER SUPPLY AND SEPTAGE MANAGEMENT SERVICE HOUSEHOLD SURVEY

PURPOSE

We, JICA Study Team and MDCDB are conducting a survey in Metro Cebu area covered by the MCWD distribution system, specifically to examine the current status of water usage/market and the residents/household's Willingness-To-Pay (WTP) for future programs/projects to improve water supply and waste water treatment.

INSTRUCTIONS FOR ANSWERING THE SURVEY FORMS

Please answer all the survey items sequentially and print the information in the space provided for or check the appropriate box. For any doubts or concerns about the survey forms, please consult the interviewer.

1. Household Information.

Fill out the information of respondent.

2. Willingness to Pay for the Improvement of Water Supply Service and Wastewater Treatment Service

1. Read the background and purpose of the proposed projects.
2. Based on the information on the projects, answer questions.

Control Form

**Respondent
No. _____**

Name of Household Head	
Household Size	
Household Address:	
Telephone No.:	

City/Municipality Code							
Household Code							

Interview Record

No.	Day and Time of the Visit/Callback	Next Appointment	Items to be Interviewed in the Next Appointment
1	First Visit Date: Time:	Revisit / Callback Date: Time:	
2	Revisit / Callback Date: Time:	Revisit / Callback Date: Time:	
3	Revisit / Callback Date: Time:	Revisit / Callback Date: Time:	
1	First Visit Date: Time:	Revisit / Callback Date: Time:	
2	Revisit / Callback Date: Time:	Revisit / Callback Date: Time:	
3	Revisit / Callback Date: Time:	Revisit / Callback Date: Time:	

Persons in Charge of This Household

	Name	Date	Signature
Interviewer			
Supervisor			
Validator			
Coder			
Encoder			

1: HOUSEHOLD INFORMATION

Instruction: To be completed by the household head

Complete Name of Respondent			Contact No.			
Encircle position of respondent in the household	Father	Mother	daughter	son	relative	others
Complete Address						
Occupation of Household Head						
Type of House	()Type 1- makeshift to light materials ()Type 2- light materials+combination ()Type 3- average- combination ()Type 4- above average ()Type 5- high (mansion type)			() outside subdivision/independent () inside subdivision or compound () informal settlement		
Ownership of House	Owned	Renting Amt. _____	Free		Amortizing	
			With owner's consent	W/O owner's consent	Amount	
Length of stay in the residence	()years					
Monthly Household Expenditure (PHP)	1. Below P1,000		4. 5,001-10,000		7. 20,001-30,000	
	2. 1,000-2,500		5. 10,001-15,000		8. 30,001-50,000	
	3. 2,501-5,000		6. 15,001-20,000		9. More than 50,000	
Income level	High <input type="checkbox"/>	Middle <input type="checkbox"/>	Low <input type="checkbox"/>		Monthly Income (optional) PHP	

2: WATER SUPPLY

2-0. Who supplies your water?

() MCWD () others

2-1. Water Consumption Behavior

Q1 What are the water sources in your home? Please check the Main (√) (where you get the most of your water) and the supplemental (where you get some of your water to augment/supplement your main water source, or in cases when there is inadequacy of supply from the main source – in the order of most (1) to least (4) priority)

Water source	Main	Supplemental			
		1	2	3	4
1. Piped water supply system (MCWD)					
2. Private/ Barangay Waterworks					
3. Neighborhood's connection					
4. Public Faucet					
5. Own Well					
6. Public Well					
7. Water Vendor Delivery					
8. Water Refiling					
9. Rain Water Storage					
10. Other (specify) _____					

Q2 What are the water uses in your household for your main and supplemental water sources, please mark the corresponding columns:

	Drinking	Cooking/ dishwashing	Washing clothes	Toilet flushing	bathing	Car-washing	Watering plants	others
1.Piped water supply system (MCWD)								
2.Private/ Barangay Waterworks								
3.Neighborhood's connection								
4.Public Faucet								
5.Own Well								
6.Public Well								
7.Water Vendor Delivery								
8.Water Refiling								
9.Rain Water Storage								
10.Other (specify)								

If you are connected to MCWD, please go to Q4. If not, please go to Q3.

Q3. Only for NOT Connected

Q3.A. Please give your reasons why you are not connected with MCWD. Please check the appropriate box.

Q3.A.1	
1. MCWD water is very expensive.	<input checked="" type="checkbox"/>
2. MCWD does not have pipelines in our area.	<input type="checkbox"/>
3. MCWD has plenty of requirement which we cannot satisfy	<input type="checkbox"/>
4. Quality of MCWD water is not good.	<input type="checkbox"/>
5. Other. Please Specify	<input type="checkbox"/>

Q3.B. Are you interested to get connected to MCWD?

1. Yes 2. No

(Reasons if any)

Q4 How much do you pay for your average monthly water consumption? _____

Q4.A How much water do you consume per month? How much are you paying? (you may refer to your monthly water billing from MCWD or other Tap water supply services provider)

Q4.A.1 Consumption (m ³)	
1. Below 10 m ³	<input type="checkbox"/>
2. 10-20 m ³	<input type="checkbox"/>
3. 21-30 m ³	<input type="checkbox"/>
4. 31-40 m ³	<input type="checkbox"/>
5. 41-50m ³	<input type="checkbox"/>
6. 51-60 m ³	<input type="checkbox"/>
7. More than 60 m ³ Specify _____	<input type="checkbox"/>

Q4.A.2 (Amount Paid (P))			
1. Below 100	<input type="checkbox"/>	9. 801-900	<input type="checkbox"/>
2. 101-200	<input type="checkbox"/>	10. 901-1000	<input type="checkbox"/>
3. 201-300	<input type="checkbox"/>	11. 1001-1250	<input type="checkbox"/>
4. 301-400	<input type="checkbox"/>	12. 1251-1500	<input type="checkbox"/>
5. 401-500	<input type="checkbox"/>	13. 1501-1750	<input type="checkbox"/>
6. 501-600	<input type="checkbox"/>	14. 1751-2000	<input type="checkbox"/>
7. 601-700	<input type="checkbox"/>	15. 2001-2500	<input type="checkbox"/>
8. 701-800	<input type="checkbox"/>	16. 2501-3000	<input type="checkbox"/>
		17. 3001-3250	<input type="checkbox"/>
		18. 3251-3500	<input type="checkbox"/>
		19. 3501-3750	<input type="checkbox"/>
		20. 3751-4000	<input type="checkbox"/>
		21. 4001-4500	<input type="checkbox"/>
		22. 4501-5000	<input type="checkbox"/>
		23. More than 5000 Specify _____	<input type="checkbox"/>

Q4.B How many bottled/container water for drinking do you consume per week? How much does it cost you?

Q4.B.1. Average Weekly consumption of bottled water. Please check (✓) the appropriate box.

Container/Bottle Capacity	No. of Containers/Bottle Consumed in a Week									
	1	2	3	4	5	6	7	8	9	10
1. 4 liter/1 gallon										
2. 5 gallon										
3. Others, specify										

Q4.B.2. How much do you spend per bottle? _____ P

1. Below 100	<input type="checkbox"/>	7. 601-700	<input type="checkbox"/>
2. 101-200	<input type="checkbox"/>	8. 701-800	<input type="checkbox"/>
3. 201-300	<input type="checkbox"/>	9. 801-900	<input type="checkbox"/>
4. 301-400	<input type="checkbox"/>	10. 901-1000	<input type="checkbox"/>
5. 401-500	<input type="checkbox"/>	11. More than 1000	<input type="checkbox"/>
6. 501-600	<input type="checkbox"/>		

Q5 What problems do you encounter in relation to your water supply?

1. Insufficient water supply from MCWD	<input type="checkbox"/>	5. Tap/piped water not safe for drinking	<input type="checkbox"/>
2. Limited hours of service	<input type="checkbox"/>	6. Other issues, pls. Specify	<input type="checkbox"/>
3. Higher cost/charges from water vendors	<input type="checkbox"/>		
4. Limited access to water in cases of emergencies	<input type="checkbox"/>	7. No Problem encountered	<input type="checkbox"/>

Q6 How often do you experience absence of water supply ? Please check (√) the appropriate box

1. More than once a week		4. Once a month		7. Less than once a year	
2. Once a week		5. 2-3 times a year		8. Never	
3. 2-3 times a week		6. Once a year		9. Others, Specify	

Q7 In cases when there is no water or lack of water supply coming from MCWD/others, where do you get your water? Please check (√) the appropriate box.

1. Private/ Barangay Waterworks		6. Water Vendor Delivery	
2. Neighborhood's connection		7. Water Refiling	
3. Public Faucet		8. Rain Water Storage	
4. Own Well		9. Other (specify)	
5. Public Well		_____	

Q8 Do you pay for this water?

Yes		No	
-----	--	----	--

Q8.A If yes, is it expensive or cheaper than MCWD/others?

Expensive		Cheaper	
Same		I don't know	

2-2. Willingness To Pay for Water Supply Service Improvement

Please hear the scenario (attachment 1) before answering the next questions.

Q9 After hearing the above scenario, do you think it is good to develop Mananga Dam?

1. [] Yes (go to Q10)	2. [] No (go to Q 11)	3. [] Not Sure/ undecided (go to question 11.A)
------------------------	------------------------	--

Q10 If you think that the Mananga Dam should be constructed, please rate (by checking) your reasons why you support its establishment. 1-as the most important reason, 2-moderately important, 3-least important.

		1	2	3
1.	Future water supply will be assured.			

Q11. If you think that the Mananga Dam should NOT be constructed, please rate (by checking) your reasons why you will NOT support its establishment. 1-as the most important reason, 2-moderately important, 3-least important.

		1	2	3
1.	I do not believe water shortage will happen.			

2.	MCWD can expand its coverage and connect more households, establishments.			
3.	Regular, steady and consistent supply of water.			
4.	Piped water supply is the most cost efficient compared to other sources.			
5.	Getting water from water vendors is costlier, inconvenient and makes us worry about the quality.			
6.	Improve sanitation and well-being.			
7.	Dam can control flooding in the downstream (urban).			
8.	Water storage to provide water in times of drought/El Nino.			
9.	<i>If you have other specific reasons, please describe as much as you can.</i>			

Q10.A In relation to the development of Mananga Dam, how and when should it be done? Choose your answer.

1.	Mananga Dam project should be prioritized and construction shall be started as soon as possible	
2.	Mananga Dam should be constructed in the future but should not be the priority	
3.	Others _____	

2.	I disagree with of the plan to building dams in the protected lands in Cebu.			
3.	We have no problem with the current number of hours of water supply.			
4.	We have sufficient alternative water sources for daily consumption.			
5.	Commercial and industrial establishments should develop their own sources, so they do not compete with domestic users.			
6.	<i>If you have other specific reasons, please describe as much as you can.</i>			

Q11.A What will help you decide?

[] more information and what kind information?

[] others

Q12 In the event that the water supply system will be improved (at acceptable quality, 24/7 service and adequate pressure) through Mananga Dam Project, will you be willing to pay extra on top of what you are paying now?

1. [] Yes (go to Q12.A) 2. [] No (go to Q 12.B) 3. [] not sure/ undecided

Q12.A.If yes, by how much additional amount are you willing to pay? Please note that the amount is added to the monthly water payment which means that household expenditure will increase accordingly.

_____ PHP

(Enumerator: if the respondent cannot answer immediately, show the price)

1. Below 50PHP	<input type="checkbox"/>	5. 81-90PHP	<input type="checkbox"/>
2. 51- 60 PHP	<input type="checkbox"/>	6. 91-100PHP	<input type="checkbox"/>
3. 61-70PHP	<input type="checkbox"/>	7. more than 100PHP	<input type="checkbox"/>
4. 71-80PHP	<input type="checkbox"/>		

Q12.B If no, why? please choose from the following reasons why or specify your reason/s.

1. We have had no experience of water shortage and do not appreciate the inconvenience.	
2. We are satisfied with our current service and therefore do not see the need to improve it at an additional cost to us.	
3. We do not want to pay for the improved distribution system.	
4. We do not want to pay for drinkable tap water.	
5. (specify _____)	Other _____

3: SANITATION/SEPTAGE MANAGEMENT

3-1. Sanitation/Septage Management

Q1 Do you have a toilet in your house?

1. Yes (go to Q2)

2. No (go to Q1A)

Q2 What type of toilet facility is in your house? Please check (√) the appropriate box.

1. Flush	
2. Pour Flush	
3. VIP Latrine	
4. Compost Privy	
5. Aqua Privy	
6. Open pit	
7. Other (specify) _____	

Q3 Do you have a septic tank in your house?

1. Yes (go to Q4) 2. No (go to Q7)

Q4. If Yes, How often do you desludge your septic tank?

1. Once every 2 years	
2. Once every 3 years	
3. Once every 5 years	
4. More than 6 years	
5. Not at all	
6. Other (specify) _____	

Q5 Do you pay for desludging service of your septic tanks? If yes, how much do you pay per service?

1. Yes(_____ Pesos) 2. No

Q6 Do you know if your sludge is properly treated before it is disposed?

1. Yes (go to Q6A) 2. No (go to Q8)

Q6.A.If yes, how and where are they treated?

I don't know

Q1.A Where do you defecate? Please check (√) the appropriate box.

1. Communal toilet	
2. Shared toilet	
3. River bank	
4. Open areas	
5. Other (specify) _____	

Q1.B Only for communal/shared toilet users

Q1.B.1 If you use communal/shared toilet, does this toilet have a septic tank?

1. Yes 2. No 3. I don't know

Q1.B.2 Who manages the communal toilet?

Q1.B.3 How much do you pay for the usage of the toilet?

Toilet	Fee per usage	Monthly fee
Urinating	PHP	PHP
Defecating	PHP	PHP
Bathing	PHP	PHP

Q7. If No, without the septic tank, waste water from toilets goes directly to water bodies and potentially pollute them. Do you think this situation should be improved?

Yes No

(Reasons any _____) if

Q8 Have you or any of your family experienced water borne diseases in the past 12 months? Please check (√) all that apply.

1. None	6. Dysentery	11. Typhoid
2. Diarrhea	7. Meningitis	12. Hay Fever
3. Skin Diseases	8. Otitis externa	13. Leptospirosis
4. Schistosomiasis	9. Amoebiasis	14. Polio
5. Cholera	10. Hepatitis A	15. Others, Specify _____

3-2. Willingness To Pay for Septage Management Service

Please hear the scenario (attachment 2) before answering the next questions.

Q9 With the proposed septage management project which will minimize water pollution and threats to human health, do you think that this project should be pursued?

1. Yes(go to Q10) 2. No (go to Q 11) 3. not sure/ undecided

<p>Q10 Why? Please check (√) the reasons for supporting the projects.</p> <table border="1"> <tr> <td>1. They can improve efficiency of septic tanks to reduce pollution from wastewater</td> <td><input type="checkbox"/></td> </tr> <tr> <td>2. They can improve water quality and reduce water-borne diseases</td> <td><input type="checkbox"/></td> </tr> <tr> <td>3. They can increase coverage of septage collection, treatment and proper disposal.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>4. They can prevent to deteriorate the aquatic environment.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>5. Other (Specify _____)</td> <td><input type="checkbox"/></td> </tr> </table>	1. They can improve efficiency of septic tanks to reduce pollution from wastewater	<input type="checkbox"/>	2. They can improve water quality and reduce water-borne diseases	<input type="checkbox"/>	3. They can increase coverage of septage collection, treatment and proper disposal.	<input type="checkbox"/>	4. They can prevent to deteriorate the aquatic environment.	<input type="checkbox"/>	5. Other (Specify _____)	<input type="checkbox"/>	<p>Q11 Why? Please check (√) the reasons why you are NOT supporting the project.</p> <table border="1"> <tr> <td>1. We do not see the need for septage management.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>2. We are satisfied with the current desludging service.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>3. Septic tanks are functional enough to prevent water pollution.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>4. Water quality is good enough for daily use.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>5. We do not believe that the proposed projects are technically and financially feasible and sustainable.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>6. Other (Pls. specify _____)</td> <td><input type="checkbox"/></td> </tr> </table>	1. We do not see the need for septage management.	<input type="checkbox"/>	2. We are satisfied with the current desludging service.	<input type="checkbox"/>	3. Septic tanks are functional enough to prevent water pollution.	<input type="checkbox"/>	4. Water quality is good enough for daily use.	<input type="checkbox"/>	5. We do not believe that the proposed projects are technically and financially feasible and sustainable.	<input type="checkbox"/>	6. Other (Pls. specify _____)	<input type="checkbox"/>
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4. They can prevent to deteriorate the aquatic environment.	<input type="checkbox"/>																						
5. Other (Specify _____)	<input type="checkbox"/>																						
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5. We do not believe that the proposed projects are technically and financially feasible and sustainable.	<input type="checkbox"/>																						
6. Other (Pls. specify _____)	<input type="checkbox"/>																						

Q12 If a septage management service will be provided to clean your sludge prior to its disposal, will you be willing to pay for this kind of service every 3 to 5 years? Considering that these will help improve health, environment and avoid economic losses as a result of water pollution.

1. Yes(go to.Q13) 2. No (go to Q14) 3. not sure/ undecided

<p>Q13. How much will you be willing to pay for this service every 3 to 5 years? Please note that the amount is an added expenditure.</p> <p>_____ PHP</p> <p>(Enumerator: if the respondent cannot answer immediately, show the price)</p> <table border="1"> <tr> <td>1. 500 PHP</td> <td><input type="checkbox"/></td> <td>5. 2,500 PHP</td> <td><input type="checkbox"/></td> </tr> <tr> <td>2. 1,000 PHP</td> <td><input type="checkbox"/></td> <td>6. 3,000 PHP</td> <td><input type="checkbox"/></td> </tr> <tr> <td>3. 1,500 PHP</td> <td><input type="checkbox"/></td> <td>7.more than 3,000 PHP</td> <td><input type="checkbox"/></td> </tr> <tr> <td>4. 2,000 PHP</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> </table>	1. 500 PHP	<input type="checkbox"/>	5. 2,500 PHP	<input type="checkbox"/>	2. 1,000 PHP	<input type="checkbox"/>	6. 3,000 PHP	<input type="checkbox"/>	3. 1,500 PHP	<input type="checkbox"/>	7.more than 3,000 PHP	<input type="checkbox"/>	4. 2,000 PHP	<input type="checkbox"/>			<p>Q14 If your answer no, indicate why; Choose from any of the following reasons.</p> <table border="1"> <tr> <td>1. We have no problem with the current septic tanks/desludging service and do not understand the need for it.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>2. We have no budget and do not want to pay for the service improvement.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>3. I do not think we will have serious water-related diseases.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>4. I do not think we will have serious water pollution.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>5. Other (Pls. specify _____)</td> <td><input type="checkbox"/></td> </tr> </table>	1. We have no problem with the current septic tanks/desludging service and do not understand the need for it.	<input type="checkbox"/>	2. We have no budget and do not want to pay for the service improvement.	<input type="checkbox"/>	3. I do not think we will have serious water-related diseases.	<input type="checkbox"/>	4. I do not think we will have serious water pollution.	<input type="checkbox"/>	5. Other (Pls. specify _____)	<input type="checkbox"/>
1. 500 PHP	<input type="checkbox"/>	5. 2,500 PHP	<input type="checkbox"/>																								
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4. 2,000 PHP	<input type="checkbox"/>																										
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2. We have no budget and do not want to pay for the service improvement.	<input type="checkbox"/>																										
3. I do not think we will have serious water-related diseases.	<input type="checkbox"/>																										
4. I do not think we will have serious water pollution.	<input type="checkbox"/>																										
5. Other (Pls. specify _____)	<input type="checkbox"/>																										

Appendix 2B

Cebu Water Supply Scenario

One of the major problems of Cebu is lack / inadequate supply of water. With the growing population (Metro Cebu doubled during the past two decades: -1.45 mil in 1990 to 2.55 mil. in 2010. Projected to have 3.89 in 2030, and 4.99 in 2050) and the development taking place sooner or later our water resources will not be enough for everyone. With our current available water supply system and services, we could expect water shortage. To be specific, the following are assumed.

- In 2020, the water deficit is projected to be about 21,000 cum per day in MCWD service area and 63,000 cum in Metro Cebu alone. This is expected to be higher as the years pass without any intervention.
- Aside from water shortage, since we are heavily dependent and extracting too much from our groundwater sources, salt water intrusion and contamination from poor wastewater treatment has been already taking place. This is already affecting the quality of our water, which is posing harm to our health.
- Given these situation (poor quality and shortage of water) Cebu's development will definitely be hampered. When this happens, investors might transfer to other nearby islands, and damage tourism and manufacturing industries.
- Fortunately, Cebu has other water resources which are not yet tapped to its full potential. Specifically, the surface water where it goes directly to the sea without usage. Everyday, we are throwing water to the sea,

This scenario has brought MCWD and MDCDB the idea of establishing Mananga Dam to harness about 68,000 cum per day of surface water for domestic and industrial use. Instead of throwing it to the sea, the dam will capture the surface water. After processing, it will be distributed for reasonably priced water. This will likewise ensure 24/7 water supply for Metro Cebu.

Usa sa mga dagkong suliran sa Sugbu ang nagkagamay ug nagkakuwang na suplay sa tubig. Sa paglobo sa populasyon sa mga niaging duha ka dekada: (1.4 mil pagka 1990 ug 2.33 mil pagka 2010. Gibana-bana nga mamahimong kining 3.89 inig 2030 ug 4.99 inig 2050) inubanan sa paglambo, ang suplay sa tubig kay dili maigo ug ma-apud sa tanan. Posible nga naa'y kakulangan sa tubig nga masinati: Ug mao kani ang mga partikyular na mahitabo:

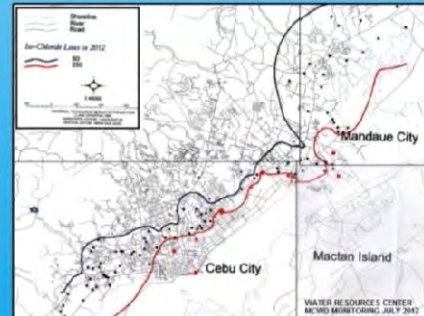
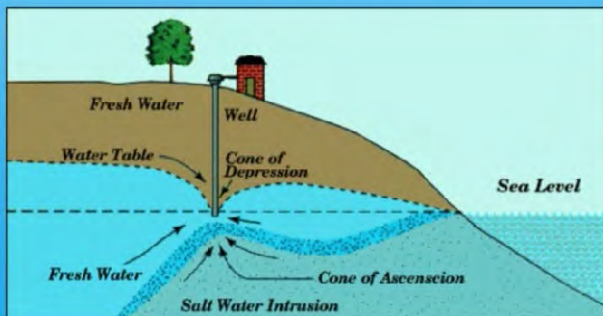
- Inig 2020, ang kakuwangan sa tubig kay gitag-an nga muabot sa 21,000 cum taga adlaw sa mga lugar nga gi-serbisuhan sa MCWD ug mukabat sa 63,000 cum sa Sugbu.
- Gawas sa kakuwangan sa tubig nga masinati, nagsalig kita ug dako sa pagkuha ug tubig ilawom sa yuta diin mamahibong mahitabo ang pagdagan sa tubig-dagat paingon sa atong tinubdan sa tubig nga magdala ug kontaminasyon –apil pa ang kontaminasyon nga dala napud saw ala pag-tratar sa mga hugaw gikan sa mga pangsayan ug kusina. Kani na mga panghitabo, kay nakaapekto na sa kalidad sa tubig.
- Tungod niini (bati nga kalidad ang kakulangan sa suplay sa tubig), maapektuhan ang paglambo sa Sugbu. Usa pa sa mga epekto niini kay mubalhin ang mga potensyal na imbestor sa laing lugar.
- Pero sa laing dapit, naa pay alternatibo ug potensyal na kuhaan sa tubig. Ang tubig niini mudiretso ug banlas sa dagat, ug wala jud magamit.

Kani nga sitwasyon ang naghatag ug ideya sa MCWD ug MDCDB sa paghimo sa Mananga Dam para makasuplay ug 68,000 cum taga adlaw nga tubig. Imbes, modiretso ug banlas ang tubig niini sa dagat, ang dam ang mosalo sa tubig. Inig human ug proseso, maapud-apud na kini sa mga taw sa sakto nga presyo. Kini magdala ug 24/7 o kanunay na suplay sa tubig

WATER SUPPLY PROBLEM



POPULATION / DEVELOPMENT



SALT WATER INTRUSION

PROPOSED SOLUTION



HARNESSING OF SURFACE WATER

Appendix 2C

Metro Cebu's Septage Management Scenario

Majority of households in Metro Cebu have septic tanks designated to treat wastewater coming from the kitchens, baths and toilets. As a combined treatment facility, it needs regular cleaning / removal of effluents and sludge. The extracted effluents and sludge from these septic tanks should have been treated prior to final disposal. Sadly, Metro Cebu so far does not have sufficient septage treatment and de-sludging companies throw directly to the body of water. This practice further exacerbates water bodies and water-borne diseases which affect not only our economy and our health as well.

To address the above issues, LGU / MCDCCB and JICA Study identified the needs to implement the new septage management project which including the following (see picture):

- 1) Construction of septage treatment plants
- 2) Improvement of septic tanks with regular desludging services

This will eventually improve river / groundwater quality and reduce odor, and improve sanitary situation.

Kadaghanan sa panimalay sa Metro Cebu adunay septic tank aron kapunduhan sa mga hugaw na tubig gikan sa lababo sa kusina ug kasilyas. Isip usa ka pasilidad para sa sanitasyon, gikinahanglan nga kanunay kini na mahabwa-an ug hugaw nga nag-pundo. Ang mga hinabwa na hugaw niini dapat unta mahinlo sa dili pa ilabay ngadto sa labayanan niini, Apan subo nga pamalandungon sa pagkakaran tungod sa kakulangan nato niining maong sistema ang mga hugaw nga hinabwa gikan sa mga pansayan e direktso ra ug labog sa nagkadaiyang katubigan (dagat,sapa,kanal, ubn pa). Kining maong buluhaton mao'y tinubdan sa mga klase-klaseng sakit na makuha nato gikan sa hugaw na tubig, na dili lamang maka apekto sa atong ekonomiya hasta usab sa atong panglawas.

Aron matagaan ug kasulbaran ang maong mga isyu, ang mga LGU / MCDCCB, ug ang grupo sa JICA Study Team, nihimo ug lakang nga mapatigayon ug maduso ang bag ong proyekto sa "septage management system" na naglangkob niining mga hulagwaya:

- 1) Pagpatukod ug pasilidad alang sa septage treatment
- 2) Pagpalambo sa mga septic tank pinaagi sa kanunay nga paglimpyo o pagpahabwa sa mga napundong hugaw niini.

Kini anam-anam nga maka panindot ug palambo sa kalidad sa atong mga sapa ug tubig ilawom sa yuta, maka menos sa kabaho sa palibot ug maka lambo sa kahimtang sa atong sanitasyon.



Appendix 2D

Listing of Main Water Sources Categorized as “Others” and Cost

Other Sources of Water	Average Monthly Cost
ADALA Water Source	357.00
Arcenas / Cebuana Water Corp.	400.00
Brgy Counselor sells water	350.00
Buying MCWD by pail	700.00
Cebuana / Arcenas Water Corp.	940.00
Cebuana Water Corp.	265.00
Cooperative in the barangay	500.00
Deep Well	1,192.50
Deep well (electric pump)	400.00
Deep well (Manual)	300.00
Deep well (Traditional)	20.00
MCWD nagpalit (per balde)	900.00
MCWD per balde	300.00
Motorized Well	256.25
Naki-tap sa silingan, hose	300.00
Neighbor's Connection	616.31
Neighbor's MCWD Connection	800.00
Neighbor's well	800.00
Own well	200.00
Poso	75.00
Private	633.33
Private Waterworks (Gungob)	500.00
Private Waterworks	416.67
Private Waterworks (GO Kalipayan, Bangkal)	1,600.00
Public Faucet	300.00
Public well	538.00
Public well (poso)	460.00
Sarabosing Water Supplier Pipeline	290.00
Truck Delivery	120.00
Tubig Pilipinas (Lhuillier)	200.00
Tubod	200.00
Water vendor	1,800.00
Water Vendor Delivery	900.00
Well	325.00
Well - Close type	762.92
Well with motor- close type	181.00
Well-close type without motor	100.00

Note: integrated in Table 8

Appendix 2E

Water Consumption and Cost Incurred by Households Unserved by MCWD

Water Consumed	Water Expense per Month	Number of Households	Remarks
10–20 m ³	101–200	1	
	1751–2000	1	Sells water to neighbors / Electric bill
	2001–2500	1	Included in electricity bill
	201–300	7	
	2501–3000	1	Included in electricity bill
	301–400	3	
	401–500	3	
	501–600	1	
	601–700	1	
	801–900	2	
901–1000	1		
10–20 m ³ Total		22	
21–30 m ³	1251–1500	1	Private Sells water to neighbors and included in electric bill
	2001–2500	1	Buys from neighbor's MCWD connection
	301–400	2	
	401–500	2	
	801–900	1	
	901–1000	1	
21–30 m ³ Total		8	
31–40 m ³	101–200	2	
31–40 m ³ Total		2	
41–50 m ³	1251–1500	1	
	401–500	1	
41–50 m ³ Total		2	
51–60 m ³	4501–5000	1	Buying from neighbor's connection
51–60 m ³ Total		1	
Below 10 m ³	1001–1250	1	Included in electricity bill
	101–200	2	
	201–300	2	
	2501–3000	1	Included in electricity bill
	301–400	2	
	401–500	6	
	501–600	1	
	601–700	2	
	701–800	1	
	801–900	3	
	901–1000	1	
	Below 100	6	
	(blank)	3	Free
Below 10 m ³ Total		31	
More than 60 m ³	1751–2000	1	
	No Cost	2	Own well
More than 60 m ³ Total		3	
Unknown Volume	101–200	2	No idea
	1251–1500	7	
	201–300	10	
	2501–3000	1	
	301–400	4	
	501–600	2	
	601–700	1	
	701–800	1	
	801–900	2	
	901–1000	1	
	Below 100	2	
	More than 5000	1	

Appendix 2F

PHOTOS



Photo 4: Jetmatic Pump



Photo 5: Open Dug Well ("atabay")



Photo 6: MCWD Faucet Selling at PHP2.00 per Pail or Container (5-gallon)



Photo 7: Automatic Water Vendo Machine (PHP 1.00/250 ml)



Photo 8: During an interview with a mother buying water from her parent's MCWD connection and awaiting house eviction.



Photo 9: MCWD Meter



Photo 10: A woman doing laundry using water from public dug well.

Appendix 3A

1 Cordon Line Survey Forms

Form A															
The Roadmap Study for Sustainable Urban Development in Metro Cebu															
OD Interview Survey Form – Private Mode Drivers/Passengers															
Surveyor's Name: _____		Weather/Remarks: _____													
Survey Station Code: _____	Direction Code: _____	Interview Time: _____	: _____ AM / PM												
<i>Instruction: Bicycle, Motorcycle, or Car/Owner-type jeep → Interview a <u>driver</u></i> <i>Pedicab, tricycle, or taxi → Interview <u>one of the passengers</u></i> <i>but if there are no passengers onboard, please interview a <u>driver</u>.</i>															
Vehicle Type:	1. Bicycle	3. Car/Owner-type jeep	5. Tricycle												
	2. Motorcycle	4. Pedicab	6. Taxi												
			16. Others (Specify) _____												
Interviewee:	1. Driver	2. Passenger													
Number of Occupants including the Driver: _____ persons															
Q1 Where do you come from?															

Landmark / Hotel etc.															

Barangay	Municipality/City	Province													
Zone Code of the Origin															
Q2 Where are you going?															

Landmark / Hotel etc.															

Barangay	Municipality/City	Province													
Zone Code of the Destination															
Q3 What is your trip purpose?															
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1. To home</td> <td style="width: 50%;">7. Private – Eating</td> </tr> <tr> <td>2. To work</td> <td>8. Private – Shopping</td> </tr> <tr> <td>3. To school / Education</td> <td>9. Private – Worship</td> </tr> <tr> <td>4. Business / Looking for passengers</td> <td>10. Private – Recreation / Holiday / Sightseeing</td> </tr> <tr> <td>5. Private – Medical</td> <td>11. To send/pick up other family members or friends</td> </tr> <tr> <td>6. Private – Social / Family or friend visit</td> <td>12. Others (Pls specify: _____)</td> </tr> </table>				1. To home	7. Private – Eating	2. To work	8. Private – Shopping	3. To school / Education	9. Private – Worship	4. Business / Looking for passengers	10. Private – Recreation / Holiday / Sightseeing	5. Private – Medical	11. To send/pick up other family members or friends	6. Private – Social / Family or friend visit	12. Others (Pls specify: _____)
1. To home	7. Private – Eating														
2. To work	8. Private – Shopping														
3. To school / Education	9. Private – Worship														
4. Business / Looking for passengers	10. Private – Recreation / Holiday / Sightseeing														
5. Private – Medical	11. To send/pick up other family members or friends														
6. Private – Social / Family or friend visit	12. Others (Pls specify: _____)														
Q4 Where do you live on regular weekends (Friday to Monday)?															

Barangay	Municipality/City	Province													
Zone Code of the Residence															

Form B

The Roadmap Study for Sustainable Urban Development in Metro Cebu
OD Interview Survey Form – Public Mode Drivers

Surveyor's Name: _____ Weather/Remarks: _____

Survey Station Code: _____ Direction Code: _____ Interview Time: _____ : _____ AM / PM

Vehicle Type:

7. Jeepney	9. GT Express / V-hire	11. Standard bus
8. Multicab	10. Minibus	12. School / Company / Tourist bus

Number of Occupants including Drivers and Conductors: _____ persons

Plate Number: _____

Q1 Where does this vehicle come from?

_____ Terminal / Landmark

_____ Barangay Municipality/City Province

Zone Code of the Origin

Q2 Where is this vehicle going?

_____ Terminal / Landmark

_____ Barangay Municipality/City Province

Zone Code of the Destination

**Q3 (Please ask when there are only drivers and conductors onboard)
 Are you using this vehicle for your private purpose?**

1. Yes (→ Proceed to Q4 and Q5)	2. No (→ Finish interview)
---------------------------------	----------------------------

Q4 What is your trip purpose?

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others (Pls specify: _____) |

Q5 Where do you live on regular weekends (Friday to Monday)?

_____ Barangay Municipality/City Province

Zone Code of the Residence

Form C

The Roadmap Study for Sustainable Urban Development in Metro Cebu
OD Interview Survey Form – Public Mode Passengers

Surveyor's Name: _____ Weather/Remarks: _____

Survey Station Code: _____ Direction Code: _____ Interview Time: _____ : _____ AM / PM

Plate Number: _____

Q1 Where do you come from?

_____ Landmark / Hotel etc.

_____ Barangay _____ Municipality/City _____ Province

Zone Code of the Origin

Q2 Where are you going?

_____ Landmark / Hotel etc.

_____ Barangay _____ Municipality/City _____ Province

Zone Code of the Destination

Q3 What is your trip purpose?

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others (Pls specify: _____) |

Q4 Where do you live on regular weekends (Friday to Monday)?

_____ Barangay _____ Municipality/City _____ Province

Zone Code of the Residence

Form D

The Roadmap Study for Sustainable Urban Development in Metro Cebu
OD Interview Survey Form – Freight Mode Drivers

Surveyor's Name: _____ Weather/Remarks: _____

Survey Station Code: _____ Direction Code: _____ Interview Time: _____ : _____ AM / PM

Vehicle Type: 13. Pickup / Delivery Truck 14. Truck 15. Trailer

Q1 Where do you come from?

_____ Landmark / Hotel etc.

_____ Barangay Municipality/City Province

Zone Code of the Origin

Q2 Where are you going?

_____ Landmark / Hotel etc.

_____ Barangay Municipality/City Province

Zone Code of the Destination

Q3 What is your trip purpose?

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business / To deliver or pick up cargo | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others (Pls specify: _____) |

Q4 How much is the payload capacity of this vehicle?

_____ Kilograms

Q5 How much weight is this vehicle carrying compared to the payload capacity?

- | | | | | |
|----------|--------------|--------------|--------------|------------------------|
| 1. Empty | 2. 1/4 (25%) | 3. 1/2 (50%) | 4. 3/4 (75%) | 5. Full (100% or more) |
|----------|--------------|--------------|--------------|------------------------|

Q6 How is the commodity packed?

- | | | | |
|-----------|------------------------|----------------------|----------------------|
| 1. Pallet | 3. Carton / Box / Case | 5. Dry/Liquid bulk | 7. 20-feet container |
| 2. Bag | 4. Drum | 6. 10-feet container | 8. 40-feet container |

Q7 What is the major commodity? (Specify only one major category on a tonnage basis)

_____ 2-digit HS Code

Form E

The Roadmap Study for Sustainable Urban Development in Metro Cebu
OD Interview Survey Form – Air Passengers

Surveyor's Name: _____ Weather/Remarks: _____

Survey Station Code: _____ Direction Code: _____ Interview Time: _____ : _____ AM / PM

Q1 Where do you come from?

_____ Country _____ Landmark / Hotel etc.

_____ Barangay _____ Municipality/City _____ Province
 Zone Code of the Origin

Q2 Where are you going?

_____ Country _____ Landmark / Hotel etc.

_____ Barangay _____ Municipality/City _____ Province
 Zone Code of the Destination

Q3 What is your trip purpose?

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others (Pls specify: _____) |

**Q4 (To departing passengers:) By which mode did you come to this terminal?
 (To arriving passengers:) By which mode will you go to the final destination?**

- | | | |
|---------------------------|-----------------------------|-----------------------------------|
| 1. Walking | 9. Meter / Coupon taxi | 17. School bus |
| 2. Bicycle | 10. Multicab | 18. Company bus |
| 3. Motorcycle - driver | 11. GT Express / V-hire | 19. Tourist bus / Hotel's shuttle |
| 4. Motorcycle - passenger | 12. Jeepney | 20. Pick-up / Delivery van |
| 5. Car - driver | 13. Minibus w/o aircon | 21. Truck |
| 6. Car - passenger | 14. Minibus w/ aircon | 22. Trailer |
| 7. Pedicab | 15. Standard bus w/o aircon | 25. Others |
| 8. Tricycle | 16. Standard bus w/ aircon | 26. Not sure / Not decided yet |

**Q5 If you are a permanent resident of the Philippines,
 where do you live on regular weekends (Friday to Monday)?**

_____ Barangay _____ Municipality/City _____ Province
 Zone Code of the Residence

Form F

The Roadmap Study for Sustainable Urban Development in Metro Cebu
OD Interview Survey Form – Ferry Passengers (Non-Resident)

Surveyor's Name: _____ Weather/Remarks: _____

Survey Station Code: _____ Direction Code: 1 Interview Time: _____ : _____ AM / PM

Instruction: Firstly ask the interviewee's permanent residence. If he/she is a NON-RESIDENT of the Study Area (Cebu, Lapu-Lapu, Mandaue, Talisay, Consolacion, Danao, Minglanilla, Carcar, Liloan, Naga, San Fernando, Cordova, or Compostela), use this survey form.

Q1 Where have you stayed in Cebu or Mactan Island?

_____ Hotel / Landmark / Barangay Name etc.

_____ Municipality/City Zone Code of the Destination

Q2 If you are a permanent resident of the Philippines, where do you live on regular weekends (Friday to Monday)?

_____ Municipality/City Province
 Zone Code of the Residence

Outbound Trip Information (from Cebu to somewhere)

Q3 Where are you departing for?

_____ Country _____ Port / Landmark / Hotel etc.

_____ Barangay _____ Municipality/City _____ Province
 Zone Code of the Destination

Q4 What is your purpose of this outbound trip?

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others (Pls specify: _____) |

Q5 By which mode did you come to this terminal?

- | | | |
|---------------------------|-----------------------------|-----------------------------------|
| 1. Walking | 9. Meter / Coupon taxi | 17. School bus |
| 2. Bicycle | 10. Multicab | 18. Company bus |
| 3. Motorcycle - driver | 11. GT Express / V-hire | 19. Tourist bus / Hotel's shuttle |
| 4. Motorcycle - passenger | 12. Jeepney | 20. Pick-up / Delivery van |
| 5. Car - driver | 13. Minibus w/o aircon | 21. Truck |
| 6. Car - passenger | 14. Minibus w/ aircon | 22. Trailer |
| 7. Pedicab | 15. Standard bus w/o aircon | 25. Others |
| 8. Tricycle | 16. Standard bus w/ aircon | 26. Not sure / Not decided yet |

Inbound Trip Information (from somewhere to Cebu)

Q6 When did you come into Cebu or Mactan Island?

 Month Day Year

**Q7 Where did you come from?
 (Where was your previous destination just before coming to Cebu?)**

 Country Port / Airport etc.

 Barangay Municipality/City Province

Zone Code of the Origin

Q8 What was your purpose of the inbound trip?

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others (Pls specify: _____) |

Q9 Which mode did you use to come into Cebu or Mactan Island?

- | | | |
|----------------------|--------|-----------------------------------|
| 1. Sea (Ferry/RO-RO) | 2. Air | 3. Land (Bus/GT Express/Car etc.) |
|----------------------|--------|-----------------------------------|

Q10 If you came into Cebu or Mactan Island by sea or air, by which mode did you leave the ferry/airport terminal for your final destination?

- | | | |
|---------------------------|-----------------------------|-----------------------------------|
| 1. Walking | 9. Meter / Coupon taxi | 17. School bus |
| 2. Bicycle | 10. Multicab | 18. Company bus |
| 3. Motorcycle - driver | 11. GT Express / V-hire | 19. Tourist bus / Hotel's shuttle |
| 4. Motorcycle - passenger | 12. Jeepney | 20. Pick-up / Delivery van |
| 5. Car - driver | 13. Minibus w/o aircon | 21. Truck |
| 6. Car - passenger | 14. Minibus w/ aircon | 22. Trailer |
| 7. Pedicab | 15. Standard bus w/o aircon | 25. Others |
| 8. Tricycle | 16. Standard bus w/ aircon | 26. Not sure / Not decided yet |

Form G

The Roadmap Study for Sustainable Urban Development in Metro Cebu
OD Interview Survey Form – Ferry Passengers (Resident)

Surveyor's Name: _____ Weather/Remarks: _____

Survey Station Code: _____ Direction Code: 1 Interview Time: _____ : _____ AM / PM

Instruction: Firstly ask the interviewee's permanent residence. If he/she is a RESIDENT of the Study Area (Cebu, Lapu-Lapu, Mandaue, Talisay, Consolacion, Danao, Minglanilla, Carcar, Liloan, Naga, San Fernando, Cordova, or Compostela), use this survey form.

Q1 Where do you live on regular weekends (Friday to Monday)?

Barangay Municipality/City Province

Zone Code of the Residence

Outbound Trip Information (from Cebu to somewhere)

Q2 Where are you departing for?

Country Port / Landmark / Hotel etc.

Barangay Municipality/City Province

Zone Code of the Destination

Q3 What is your purpose of this outbound trip?

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others (Pls specify: _____) |

Q4 By which mode did you come to this terminal?

- | | | |
|---------------------------|-----------------------------|-----------------------------------|
| 1. Walking | 9. Meter / Coupon taxi | 17. School bus |
| 2. Bicycle | 10. Multicab | 18. Company bus |
| 3. Motorcycle - driver | 11. GT Express / V-hire | 19. Tourist bus / Hotel's shuttle |
| 4. Motorcycle - passenger | 12. Jeepney | 20. Pick-up / Delivery van |
| 5. Car - driver | 13. Minibus w/o aircon | 21. Truck |
| 6. Car - passenger | 14. Minibus w/ aircon | 22. Trailer |
| 7. Pedicab | 15. Standard bus w/o aircon | 25. Others |
| 8. Tricycle | 16. Standard bus w/ aircon | 26. Not sure / Not decided yet |

Inbound Trip Information (from somewhere to Cebu)

Q5 When will you come back to Cebu or Mactan Island?

 Month Day Year

Q6 Where will you stay just before coming back to Cebu?

 Country Landmark / Hotel etc.

 Barangay Municipality/City Province

Zone Code of the Origin

Q7 Which mode will you use to come back?

1. Sea (Ferry/RO-RO) 2. Air 3. Land (Bus/GT Express/Car etc.)

Q8 If you will come back by sea or air, by which mode will you leave the ferry/airport terminal for your home?

- | | | |
|---------------------------|-----------------------------|-----------------------------------|
| 1. Walking | 9. Meter / Coupon taxi | 17. School bus |
| 2. Bicycle | 10. Multicab | 18. Company bus |
| 3. Motorcycle - driver | 11. GT Express / V-hire | 19. Tourist bus / Hotel's shuttle |
| 4. Motorcycle - passenger | 12. Jeepney | 20. Pick-up / Delivery van |
| 5. Car - driver | 13. Minibus w/o aircon | 21. Truck |
| 6. Car - passenger | 14. Minibus w/ aircon | 22. Trailer |
| 7. Pedicab | 15. Standard bus w/o aircon | 25. Others |
| 8. Tricycle | 16. Standard bus w/ aircon | 26. Not sure / Not decided yet |

2 Public Transport Passenger Interview Survey Form

The Roadmap Study for Sustainable Urban Development in Metro Cebu
Public Transport Passenger Interview Survey Form

Survey Station Code: _____ Date: _____ Time: _____

Surveyor's Name: _____ Weather/Remarks: _____

Assessment

Q1 What kind of vehicle are you waiting for?

1. Bus / Minibus 2. GT Express / V-hire 3. Jeepney / Multicab 4. Taxi 5. Ferry

Instruction: In case of the other modes, finish the interview and look for another interviewee.

Q2 Please assess the service of the mode you are going to take now.

1. Frequency	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
2. Cost/Fare	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
3. Travel time	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
4. Crowdedness in the vehicle	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
5. Onboard safety	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
6. Onboard comfort	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
7. Onboard air quality	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
8. Onboard noise	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
9. Cleanliness of the vehicle	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
10. Driver's/Conductor's behavior	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
11. Access to terminals or jeepney/ bus routes	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
12. Easiness of transfer to another mode	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
13. Information provision (announcement, route map, etc.)	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
14. Waiting conditions (safety, air quality, noise, shade, etc.)	1. Very bad 2. Bad 3. Average 4. Good 5. Very good
15. Terminal facilities (comfort room, bench, aircon, shops, etc.)	1. Very bad 2. Bad 3. Average 4. Good 5. Very good

Willingness to Pay

There is a proposal of an urban railway project in Metro Cebu. Please answer the following hypothetical questions given the railway service is provided with aircon train cars and a 5-minute headway.

Q3 With the following travel time and fare, which mode do you choose, bus or train?

	Bus	Train	Choice
a.	50 minutes (including 5-min walk), 40 Pesos	40 minutes (including 5-min walk), 20 Pesos	1. Bus 2. Train
b.	- do -	- do - , 40 Pesos	1. Bus 2. Train
c.	- do -	- do - , 60 Pesos	1. Bus 2. Train
d.	- do -	- do - , 80 Pesos	1. Bus 2. Train
e.	- do -	- do - , 100 Pesos	1. Bus 2. Train

Q4 With the following travel time and fare, which mode do you choose, v-hire or train?

	V-hire	Train	Choice
a.	50 minutes (including 5-min walk), 60 Pesos	40 minutes (including 5-min walk), 30 Pesos	1. V-hire 2. Train
b.	- do -	- do - , 60 Pesos	1. V-hire 2. Train
c.	- do -	- do - , 90 Pesos	1. V-hire 2. Train
d.	- do -	- do - , 120 Pesos	1. V-hire 2. Train
e.	- do -	- do - , 150 Pesos	1. V-hire 2. Train

Q5 With the following travel time and fare, which mode do you choose, taxi or train?

	Taxi	Train	Choice
a.	30 minutes (without walk), 200 Pesos	40 minutes (including 5-min walk), 40 Pesos	1. Taxi 2. Train
b.	- do -	- do - , 80 Pesos	1. Taxi 2. Train
c.	- do -	- do - , 120 Pesos	1. Taxi 2. Train

Trip Information

Q6 What is the purpose of this trip? (Choose one)

- | | |
|--|---|
| 1. To home | 7. Private – Eating |
| 2. To work | 8. Private – Shopping |
| 3. To school / Education | 9. Private – Worship |
| 4. Business | 10. Private – Recreation / Holiday / Sightseeing |
| 5. Private – Medical | 11. To send/pick up other family members or friends |
| 6. Private – Social / Family or friend visit | 12. Others |

Q7 Which mode did you take to come here? (Mark all that apply)

- | | | |
|--------------------------|-----------------------------|--|
| 1. Walking | 8. Multicab | 15. School/Company/Tourist bus |
| 2. Bicycle | 9. GT Express / V-hire | 16. Freight vehicle (Pick-up, delivery van, truck, or trailer) |
| 3. Motorcycle | 10. Jeepney | 17. Ferry |
| 4. Car / Owner-type jeep | 11. Minibus w/o aircon | 18. Others |
| 5. Pedicab | 12. Minibus w/ aircon | |
| 6. Tricycle | 13. Standard bus w/o aircon | |
| 7. Taxi | 14. Standard bus w/ aircon | |

Q8 How often do you make this trip?

- | | | | |
|---------------------------|-----------------------|------------------------|-----------|
| 1. 5 times or more a week | 2. 1 – 4 times a week | 3. 1 – 3 times a month | 4. Rarely |
|---------------------------|-----------------------|------------------------|-----------|

Q9 a. Do you have any alternative modes to make this trip?

- | | |
|--------|-------|
| 1. Yes | 2. No |
|--------|-------|

b. If yes, which do you consider the best as an alternative mode to make this trip? (Choose one)

- | | | |
|--------------------------|-----------------------------|--|
| 1. Walking | 8. Multicab | 15. School/Company/Tourist bus |
| 2. Bicycle | 9. GT Express / V-hire | 16. Freight vehicle (Pick-up, delivery van, truck, or trailer) |
| 3. Motorcycle | 10. Jeepney | 17. Ferry |
| 4. Car / Owner-type jeep | 11. Minibus w/o aircon | 18. Others |
| 5. Pedicab | 12. Minibus w/ aircon | |
| 6. Tricycle | 13. Standard bus w/o aircon | |
| 7. Taxi | 14. Standard bus w/ aircon | |

c. Why didn't you take the mode answered to question b for this trip? Choose one main reason.

- | | | | | | |
|----------------|------------|----------------|---------|-----------|-----------|
| 1. Travel time | 2. Comfort | 3. Convenience | 4. Cost | 5. Safety | 6. Others |
|----------------|------------|----------------|---------|-----------|-----------|

Passenger's Information

Q10 Gender (To be filled by the surveyor)

- | | |
|---------|-----------|
| 1. Male | 2. Female |
|---------|-----------|

Q11 How old are you?

- | | | | |
|----------------------|----------------------|----------------------|----------------------|
| 1. 15 – 19 years old | 3. 30 – 39 years old | 5. 50 – 59 years old | 7. Over 70 years old |
| 2. 20 – 29 years old | 4. 40 – 49 years old | 6. 60 – 69 years old | |

Q12 What is your occupation?

- | | |
|---|--|
| 1. Official of Government & Special Interest Organization, Corporate Executive, Manager | 9. Laborer & Unskilled Worker |
| 2. Professional | 10. Elementary School Student |
| 3. Technical & Associate Professionals | 11. High School / College / University Student |
| 4. Clerical Staff | 12. Housewife |
| 5. Service Worker, Shop & Market Worker | 13. Pensioner |
| 6. Farmer, Forestry Worker & Fisherman | 14. Unemployed |
| 7. Trader & Related Worker | 15. OFW |
| 8. Plant & Machine Operator & Assembler | 16. Others |

Q13 Do you have any cars for your own use?

- | | |
|--------|-------|
| 1. Yes | 2. No |
|--------|-------|

Q14 Do you have any motorcycles for your own use?

- | | |
|--------|-------|
| 1. Yes | 2. No |
|--------|-------|

Q15 What is the TOTAL monthly family income in Philippine Pesos? Please include amounts transferred from OWF family members and financial supports by relatives.

- | | | | |
|------------------|---------------------|-----------------------|-----------------------|
| 1. No income | 7. 10,000 – 14,999 | 13. 40,000 – 49,999 | 19. 200,000 – 299,999 |
| 2. Below 2,000 | 8. 15,000 – 19,999 | 14. 50,000 – 59,999 | 20. 300,000 – 499,999 |
| 3. 2,000 – 3,999 | 9. 20,000 – 24,999 | 15. 60,000 – 79,999 | 21. Above 500,000 |
| 4. 4,000 – 5,999 | 10. 25,000 – 29,999 | 16. 80,000 – 99,999 | 22. Not sure / |
| 5. 6,000 – 7,999 | 11. 30,000 – 34,999 | 17. 100,00 – 149,999 | Refused to answer |
| 6. 8,000 – 9,999 | 12. 35,000 – 39,999 | 18. 150,000 – 199,999 | |