2017 Survey of Individuals in Selected Communities[1]

Clarinda L. Berja

The 2017 Poverty Alleviation in the Wake of Typhoon Yolanda Survey is a household survey of 800 individuals in selected communities, in Tacloban, Tanauan and Palo in the province of Leyte. It is the third in a series three cross sectional surveys, conducted by the University of Nottingham, United Kingdom in cooperation with the University of Nottingham, Ningbo, China and the University of the Philippines, Diliman. It aims to identify strategies that work in relation to poverty alleviation in post-disaster environments and the conditions necessary for the success and scaling up of these strategies based on the case of relief efforts in selected Yolanda areas. Generating data on urban population risks and vulnerability to disasters as well as resilience towards environmental shocks, are examined in this study.

The survey covers post-Yolanda experiences. Recovery, resilience, community support and capacity-building through training are its main focus. Respondents were asked questions on their experiences, attitudes and perceptions on assistance, relief and relocation. Questions about their access to food, health services and education, livelihood, community support and training on livelihood were also included. The respondents' background characteristics and the household roster were also gathered by survey. In this final survey, the study team added questions on household's micro enterprises and self-employment, as well as the type of other business that they are interested in doing and learning.

There are two types of data generated by the survey: one is the individual as unit of analysis and the other is the household level data, derived from the household roster form. To generate the individual data, the household head or the spouse of the household head was interviewed. In cases when both are not available, any responsible adult who is knowledgeable about the personal details of the members of the household is interviewed. The data generated from this survey serves as baseline data of this study on poverty alleviation four years after selected localities of Tacloban, Tanauan and Palo were devastated by Yolanda.

The central variable used in this analysis is poverty alleviation. It was determined by asking about self-perceived poverty, access to food, housing, health, education, and livelihood. Respondents were also asked to assess the assistance that they received from within and outside their community.

The questions were ordered in a manner that approximates the natural sequence of experiences in the aftermath of Yolanda experience, in order to help the respondents recall their experiences and to ensure accuracy and consistency of responses.

Crosstabulations of 2017 Yolanda Variables by City/Municipality

A2. Barangay by city/municipality

	Palo	Tacloban	Tanauan
54-A		12.6%	
66-A		13.5%	
67		11.3%	
87 San Jose		12.6%	
88 San Jose		12.6%	
89 San Jose		12.6%	
91 Abucay		12.6%	
Barangay 54		12.3%	
Bislig			16.5%
Calogcog			16.5%
Cavite East	16.7%		
Cogon	16.7%		
Libertad	16.7%		
Pawing	16.7%		
Salvacion	16.7%		
Salvador			16.9%
San Joaquin	16.7%		
San Roque			16.5%
Sta. Cruz			16.9%
Sto. Nino			16.9%
N	240	318	237

A4. Sex by city/municipality

	Palo	Tacloban	Tanauan
Female	72.9	75.5	76.8
Male	27.1	24.5	23.2
Total	100.0	100.0	100.0
N	240	318	237

A5. Age

Age	Palo	Tacloban	Tanauan

3

18	0.8%	0.3%	0.0%
19	0.8%	0.3%	0.0%
20	2.1%	0.6%	1.3%
21	1.3%	1.9%	2.1%
22	1.7%	1.3%	2.5%
23	2.1%	1.9%	2.1%
24	2.9%	1.6%	2.1%
25	1.7%	1.9%	3.0%
26	1.3%	2.2%	1.3%
27	2.1%	1.9%	2.5%
28	3.8%	2.5%	1.3%
29	2.1%	3.5%	0.8%
30	1.3%	5.0%	0.8%
31	2.5%	2.2%	1.7%
32	1.7%	2.5%	1.7%
33	2.9%	1.3%	1.3%
34	4.2%	1.6%	1.3%
35	0.8%	0.6%	3.4%
36	2.1%	1.3%	2.5%
37	2.9%	2.2%	1.7%
38	3.3%	4.7%	1.3%
39	0.8%	2.8%	1.7%
40	2.1%	5.0%	2.5%
41	0.8%	1.3%	2.5%
42	2.5%	2.8%	3.4%
43	3.8%	1.6%	3.8%
44	2.1%	1.9%	3.8%
45	2.5%	2.8%	2.5%
46	2.1%	0.0%	3.0%
47	3.8%	2.2%	3.0%
48	3.3%	1.9%	2.5%
49	2.5%	2.5%	2.5%
50	2.1%	1.9%	2.1%
51	1.7%	3.5%	2.1%
52	0.8%	3.1%	1.3%
53	2.5%	0.9%	1.7%
54	2.1%	2.2%	1.7%
55	1.3%	0.9%	0.4%
56	0.4%	0.9%	2.5%
57	0.0%	2.2%	0.8%
58	1.7%	1.3%	1.7%
59	0.8%	2.2%	1.3%
60	1.7%	0.3%	1.7%
61	0.4%	2.2%	0.4%
62	1.7%	0.3%	0.8%
63	0.8%	0.9%	1.7%

64	1.3%	1.3%	0.4%
65	1.7%	0.3%	1.7%
66	0.0%	0.3%	0.4%
67	0.4%	0.3%	0.4%
68	0.8%	0.3%	0.4%
69	1.7%	0.6%	1.3%
70	0.8%	2.2%	1.7%
71	0.0%	1.3%	0.8%
72	0.4%	0.3%	2.5%
73	0.4%	0.6%	0.4%
74	0.4%	0.6%	0.0%
75	1.3%	0.3%	1.3%
76	0.8%	0.3%	0.0%
77	0.0%	0.3%	0.0%
78	0.8%	0.6%	0.4%
79	0.0%	0.6%	0.4%
80	0.0%	0.0%	0.8%
83	0.4%	0.0%	0.0%
86	0.0%	0.3%	0.4%
87	0.0%	0.0%	0.4%
92	0.4%	0.3%	0.0%
Total	100.0%	100.0%	100.0%
N	240	318	237

A6. Do you have any physical disability?

	Palo	Tacloban	Tanauan
No	96.2	98.7	96.6
Yes	3.8	1.3	3.4
Total	100.0	100.0	100.0
N	235	312	237

A7. Civil status

	Palo	Tacloban	Tanauan
Married	68.8	75.5	70.9
Separated/Divorced	0.0	6.6	2.1
Single	20.0	5.0	13.1
Widowed	11.3	12.9	13.9
Total	100.0	100.0	100.0
N	235	312	237

A8. Highest level of schooling completed

	Palo	Tacloban	Tanauan
None	0.4	0.0	0.0
Elementary level	12.5	12.3	12.2
Elementary graduate	16.7	14.8	13.9
High school level	18.8	21.1	20.3
High school graduate	23.8	22.3	28.3
College level	13.8	16.7	7.2
College gradutae	11.7	11.6	16.0
Post-graduate	0.4	0.3	0.0
Vocational school graduate	2.1	0.9	2.1
Total	100.0	100.0	100.0
N	240	318	237

A9. Are you currently working

	Palo	Tacloban	Tanauan
No	55.8	53.5	50.2
Yes	44.2	46.5	49.8
Total	100.0	100.0	100.0
N	240	318	237

A10. Standard categories for work

	Palo	Tacloban	Tanauan
Unemployed	56.3	52.5	50.2
Elementary occupation	20.0	14.8	15.6
Small business	8.8	5.7	12.2
Farmers/fishermen	1.3	1.6	2.1
Service workers/shops/sales	1.3	1.3	1.7
Government employee/barangay worker	0.4	3.5	1.7
Professional	0.4	0.3	2.5
Others	11.7	20.4	13.9
Total	100.0	100.0	100.0
N	240	318	237

A11. Reason for not working

	Palo	Tacloban	Tanauan
Cannot find work	7.4	3.6	3.4
Health reasons/disability	6.7	4.2	14.3
Housewife	69.6	83.6	66.4

Student	3.7	0.6	2.5
Retired	5.2	5.5	10.1
Other	7.4	2.4	3.4
Total	100.0	100.0	100.0
N	135	165	119

A11a. If others (reasons for not working), specify:

	Palo	Tacloban	Tanauan
Age	0.0	0.0	0.4
Disabled due to Yolanda	0.4	0.0	0.0
Guardian	0.4	0.0	0.0
Her husband does not want her to work	0.0	0.0	0.4
Just arrived from Manila where I worked	0.0	0.0	0.4
NAP	96.3	99.4	98.3
Old age	1.7	0.0	0.0
Pregnant	0.4	0.0	0.0
Recently resigned	0.0	0.3	0.0
Standby	0.0	0.3	0.0
Terminated contract	0.0	0.0	0.4
Volunteer work	0.4	0.0	0.0
Waiting for documents	0.4	0.0	0.0
Total	100.0	100.0	100.0
N	240	318	237

A12. Total family income in the course of an ordinary month

	Palo	Tacloban	Tanauan
Less than P1,000	8.4	5.7	7.4
P1,001 to P10,000	78.2	80.0	73.0
P10,001 to P25,000	11.3	11.1	17.4
More than P25,000	2.1	3.2	2.2
Total	100.0	100.0	100.0
N	238	315	230

A13. In the past year, where does your total family income in the course of an ordinary month come from?

	Palo	Tacloban	Tanauan
Wages and salaries	64.0	76.2	70.6
Gift from relatives and other people	3.8	4.4	12.3

Pension and retirement benefits	0.8	0.6	3.4
Rentals of property or any asset	0.8	0.3	0.0
Business income	26.4	28.6	24.7
Others	2.1	3.2	2.2
No response	13.0	1.3	6.8
N	239	315	235

A14. Are you a member of any organization?

	Palo	Tacloban	Tanauan
No	74.2	71.5	65.2
Yes	25.8	28.5	34.8
Total	100.0	100.0	100.0
N	240	316	233

B15. Do you still receive any assistance from donors 3 years after typhoon Yolanda?

	Palo	Tacloban	Tanauan
No	6.7	22.6	5.1
Yes	93.3	77.4	94.9
Total	100.0	100.0	100.0
N	240	318	237

B15. Assistance received from donors 3 years after typhoon Yolanda

	Palo	Tacloban	Tanauan
Cash assistance	91.6	22.6	5.1
Livelihood assistance	28.0	4.5	22.2
Shelter package	64.4	34.6	77.3
Other assistance	60.9	39.8	39.6
Education assistance	10.7	0.0	5.3
N	225	246	225

B17a. Would you say that the CASH assistance you received were adequate?

	Palo	Tacloban	Tanauan
No	60.4	57.8	57.6
No response	4.0	4.5	0.0
Yes	35.6	37.7	43.4
Total	100.0	100.0	100.0

N	202	223	198

B17b. Would you say that the SHELTER assistance you received were adequate?

	Palo	Tacloban	Tanauan
No	40.5	43.2	43.5
Yes	59.5	56.8	56.5
Total	100.0	100.0	100.0
N	158	81	170

B17c. Would you say that the LIVELIHOOD assistance you received were adequate?

	Palo	Tacloban	Tanauan
No	37.9	58.3	49.0
Yes	62.1	41.7	51.0
Total	100.0	100.0	100.0
N	58	12	49

B17d. Would you say that the EDUCATION assistance you received were adequate?

	Palo	Tacloban	Tanauan
No	46.7	100.0	58.3
Yes	53.3	0.0	41.7
Total	100.0	100.0	100.0
N	30	1	12

B17d. Would you say that the OTHER assistance you received were adequate?

	Palo	Tacloban	Tanauan
No	16.7	34.0	8.3
Yes	83.3	66.0	91.7
Total	100.0	100.0	100.0
N	120	94	84

B19. Did you receive an offer to move to a relocation site?

	Palo	Tacloban	Tanauan
No	77.8	38.7	82.6
Yes	22.2	61.3	17.4

Total	100.0	100.0	100.0
N	234	318	236

B19a. Which organization offered you relocation?

	Palo	Tacloban	Tanauan
Local government	4.0	27.3	5.1
National government	50.0	34.5	15.4
Local NGO	22.0	12.9	64.1
Foreign government	0.0	1.5	0.0
International NGO	24.0	25.3	17.9
No response	0.0	0.0	5.1
N	50	194	39

B20. Do you intend to stay permanently in your current residence?

	Palo	Tacloban	Tanauan
No	13.0	32.7	19.1
Yes	87.0	67.3	80.9
Total	100.0	100.0	100.0
N	239	318	235

B21. In terms of your general well-being, would you say that you are:

	Palo	Tacloban	Tanauan
Better off now than before Yolanda	24.6	14.5	21.5
Just the same	53.3	39.3	37.6
Worse now than before Yolanda	22.1	46.2	40.9
Total	100.0	100.0	100.0
N	240	318	237

B22. Did you lose household members as a result of Yolanda?

	Palo	Tacloban	Tanauan
No	81.7	86.2	83.5
Yes	18.3	13.8	16.5
Total	100.0	100.0	100.0
N	240	318	237

B23. Did you take in relatives or friends in a long term (at least 6 months) basis?

	Palo	Tacloban	Tanauan
No	79.6	86.8	85.2
Yes	20.4	13.2	14.8
Total	100.0	100.0	100.0
N	240	318	237

B24. Did you have school aged children in June 2013?

	Palo	Tacloban	Tanauan
No	36.7	37.0	45.7
Yes	63.3	63.0	54.3
Total	100.0	100.0	100.0
N	240	316	223

B25. Would you say that your children's access to education is:

	Palo	Tacloban	Tanauan
Better off now than before Yolanda	17.4	9.1	27.0
Just the same	42.3	38.1	21.1
No response	29.6	34.3	47.3
Worse now than before Yolanda	10.8	18.6	4.6
Total	100.0	100.0	100.0
N	213	318	237

B26. Would you say that your access to health care and facilities is:

	Palo	Tacloban	Tanauan
Better off now than before Yolanda	27.9	18.2	59.1
Just the same	57.5	59.1	25.7
No response	0.0	0.0	7.6
Worse now than before Yolanda	14.6	22.6	7.6
Total	100.0	100.0	100.0
N	20	318	237

B27. Did Yolanda affect your family's main source of livelihood?

	Palo	Tacloban	Tanauan
No	12.9	6.8	8.2

Yes	87.1	93.2	91.8
Total	100.0	100.0	100.0
N	240	310	232

B28. Would you say that your source of livelihood is:

	Palo	Tacloban	Tanauan
Better off now than before Yolanda	17.2	10.1	20.1
Just the same	53.6	46.7	37.6
Worse now than before Yolanda	29.3	43.2	42.3
Total	100.0	100.0	100.0
N	239	317	234

B29. Would you say that your access to food is:

	Palo	Tacloban	Tanauan
Better off now than before Yolanda	13.8	7.9	18.6
Just the same	62.3	57.9	59.9
Worse now than before Yolanda	23.8	34.3	21.5
Total	100.0	100.0	100.0
N	239	318	237

B30. Are there organizations that help people in the community to have a regular source of livelihood?

	Palo	Tacloban	Tanauan
No	12.9	6.8	8.2
Yes	87.1	93.2	91.8
Total	100.0	100.0	100.0
N	240	310	232

C31. Before Yolanda, did people in your community support (credit, loan, babysitting, labor, pintakasi) each other if their household income is not enough?

	Palo	Tacloban	Tanauan
No	39.6	48.4	26.6
Yes	60.4	51.6	73.4
Total	100.0	100.0	100.0
N	240	318	237

C32. After Yolanda, did people in your community support (credit, loan, babysitting, labor, pintakasi) each other if their household income is not enough?

	Palo	Tacloban	Tanauan
No	31.7	48.1	18.6
Yes	68.3	51.9	81.4
Total	100.0	100.0	100.0
N	240	318	237

C33. Which are the top (three) organizations that helped you the most?

	Palo	Tacloban	Tanauan
Self/Family	25.0	24.8	37.6
Municipality/City government	28.3	28.0	39.2
Barangay government	11.7	2.8	44.7
National government	76.3	63.2	27.0
Provincial government	1.7	1.3	0.4
International NGO	90.8	87.7	87.8
Local NGO	31.7	3.9	3.0
Foreign Government	22.9	15.7	0.8
No response	0.8	0.0	1.7
Other	4.2	1.6	1.3
N	240	318	237

C34. To what extent has your community helped itself after the disaster?

	Palo	Tacloban	Tanauan
A lot	20.5	11.4	50.0
Did not help itself	9.6	23.5	4.7
Not much	50.6	43.2	25.8
Some but could have done more	19.2	21.9	19.5
Total	100.0	100.0	100.0
N	239	315	236

C35. To what extent has Yolanda affected the well-being of your family?

	Palo	Tacloban	Tanauan
It has not, we are the same as before	30.0	10.5	4.2
It is marginally more difficult to manage	22.8	23.5	22.8
It is significantly more difficult to manage	47.3	66.0	73.0
Total	100.0	100.0	100.0
N	237	306	237

C36. Would you say that your family has recovered from the effect of Yolanda?

	Palo	Tacloban	Tanauan
No	19.7	29.9	28.4
Yes	80.3	70.1	71.6
Total	100.0	100.0	100.0
N	239	318	236

C37. Would you describe yourself as disaster resilient before/pre-Yolanda?

	Palo	Tacloban	Tanauan
No	34.6	18.6	46.0
Yes	65.4	81.4	54.0
Total	100.0	100.0	100.0
N	240	318	237

C38. Would you describe yourself as disaster resilient post-Yolanda?

	Palo	Tacloban	Tanauan
No	26.3	31.0	16.1
Yes	73.8	69.0	83.9
Total	100.0	100.0	100.0
N	240	316	236

C39. Do you feel more confident in facing disaster now, as a result of Yolanda?

	Palo	Tacloban	Tanauan
It has suffered a lot	10.8	16.1	15.2
It is unchanged	16.7	25.0	8.0
My self-confidence has improved	72.5	58.9	76.8
Total	100.0	100.0	100.0
N	240	316	237

C40. Why do you think the typhoon impacted to your region?

	Palo	Tacloban	Tanauan
Fate	26.7	13.8	12.3
Geography	58.8	43.1	63.6

Politics/Bad governance	7.5	29.3	14.8
Poverty	7.1	13.8	9.3
Total	100.0	100.0	100.0
N	240	276	236

C41. Did you receive duplicate aid (two or more of the same kind of aid at the same time)?

	Palo	Tacloban	Tanauan
No	69.6	76.3	64.0
Yes	30.4	23.7	36.0
Total	100.0	100.0	100.0
N	240	317	236

C42. Did you receive aid of a type that you did not need?

	Palo	Tacloban	Tanauan
No	79.6	93.7	86.1
Yes	20.4	6.3	13.9
Total	100.0	100.0	100.0
N	240	318	237

C43. Did you receive aid or training that allow you to re-establish your livelihood?

	Palo	Tacloban	Tanauan
No	81.3	76.4	78.1
Yes	18.8	23.6	21.9
Total	100.0	100.0	100.0
N	240	318	237

C44. To what extent did the aid or training you received allow you to re-establish your livelihood?

	Palo	Tacloban	Tanauan
A lot, it was an essential equipment	14.7	19.4	13.7
I did not receive any training or equipment	73.4	66.8	76.1
Not at all. It was not useful for my livelihood	3.4	9.5	4.7
Training or equipment allowed me to change my livelihood	8.5	4.3	5.6
Total	100.0	100.0	100.0
N	177	211	234

C45. To what extent did the aid or training received increased your self-confidence?

	Palo	Tacloban	Tanauan
A lot	23.9	20.9	21.5
I did not receive any	74.4	67.6	76.0
It made me more insecure and less confident	1.1	5.4	0.0
Not at all	0.6	6.4	2.6
Total	100.0	100.0	100.0
N	176	204	233

C46. Do you think you or your community can deal with the problems caused by Yolanda?

	Palo	Tacloban	Tanauan
No	28.7	41.7	22.6
Yes	71.3	58.3	77.4
Total	100.0	100.0	100.0
N	240	312	235

D1. Does anyone in the household currently own or operate any businesses including self-employment activities?

	Palo	Tacloban	Tanauan
No	74.6	65.7	74.7
Yes	25.4	34.3	25.3
Total	100.0	100.0	100.0
N	240	318	237

D2. What type of business?

	Palo	Tacloban	Tanauan
Barber shop/Hair salon	0.0	2.8	1.7
Carpentry	0.0	0.9	0.0
Other	52.5	56.0	36.7
Sari-sari store	47.5	39.4	60.0
Tailoring/Dress shop	0.0	0.9	1.7
Total	100.0	100.0	100.0
N	61	109	60

D3. Who owns it?

	Palo	Tacloban	Tanauan
Respondent	83.3	85.2	79.3
Spouse	3.3	7.4	17.2
Relative/any member	13.3	7.4	3.4
Total	100.0	100.0	100.0
N	60	108	58

D3b. Who operates it?

	Palo	Tacloban	Tanauan
Respondent	83.3	85.2	63.8
Spouse	5.0	7.4	32.8
Relative/any member	11.7	7.4	3.4
Total	100.0	100.0	100.0
N	60	108	58

D4. Where is it located?

	Palo	Tacloban	Tanauan
At home	50.8	56.0	76.3
Mobile stand	6.6	0.9	1.7
Other	9.8	17.4	6.8
Side walk	16.4	10.1	10.2
Stand in marketplace	16.4	15.6	5.1
Total	100.0	100.0	100.0
N	61	109	59

D5. When did it start operating?

	Palo	Tacloban	Tanauan
Before 2013	37.5	29.9	15.4
2013	8.3	11.3	5.1
2014	10.4	23.7	28.2
2015	10.4	6.2	20.5
2016	14.6	17.5	12.8
2017	18.8	11.3	17.9
Total	100.0	100.0	100.0
N	48	97	39

D6. What is the source of initial capital?

	Palo	Tacloban	Tanauan
Assistance from government	1.6	2.8	3.3
Assistance from NGO	6.6	7.4	6.7
bank loan	8.2	6.5	1.7
Loan from relatives	23.0	7.4	11.7
Other	19.7	29.6	20.0
Own savings	41.0	46.3	56.7
Total	100.0	100.0	100.0
N	61	108	60

D7. Do you think that you have enough knowledge about managing your business?

	Palo	Tacloban	Tanauan
No	9.8	20.2	13.3
Yes	90.2	79.8	86.7
Total	100.0	100.0	100.0
N	61	109	60

D8. What training do you need to improve your business?

	Palo	Tacloban	Tanauan
Financial management	40.0	46.1	73.2
Product R and D	95.0	95.3	92.9
Marketing	75.0	87.7	58.9
Other	91.7	55.7	67.9
No response	98.3	95.3	89.3
N	60	106	56

D9. How much does it earn daily?

	Palo	Tacloban	Tanauan
Less than P1,000	86.4	85.6	85.7
P1,001 to P5,000	11.9	13.5	12.5
P5001 to P8,000	1.7	1.0	1.8
Total	100.0	100.0	100.0
N	59	104	56

D10. What is the value of this business if it would be sold today?

	Palo	Tacloban	Tanauan
Less than P10,000	59.0	69.4	65.5
P10,001 to P100,000	37.7	22.4	30.9
P100,001 to P1,000,000	3.3	8.2	3.6
Total	100.0	100.0	100.0
N	61	49	55