

Updating and fine-tuning the Philippines data set

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What had gone before

- NEDA – PIDS Project, supported by UNDP and UN – DESA: *Assessing Development Strategies to Achieve the MDGs in Asia and the Pacific: The Case of the Philippines*
- Capacity building: series of workshops:
 - Bangkok (date)
 - Manila (date)
 - Jakarta (date)
 - Tashkent (date)

What had gone before

- Compiling Philippines data set for MAMS
 - Hands-on training for NPPS and SDS staffs
- Writing country background
- Estimating spending-to-MDG relationship: education
- Incorporating LFS into microsimulation
- Running and fine-tuning scenarios
- Finalizing project outputs
- One-week training on CGE and MAMS

MAMS for PH: Sectors

- Economic sectors: agriculture; industry
- MAMS sectors:
 - Water and sanitation; other infrastructure; education (primary, secondary, tertiary; government and non-government); health (government and non-government); other government
- Balancing entries: construction, other services

MAMS for PH: Factors

- Labor compensation, disaggregated by attainment:
 - No completion above primary
 - Completed secondary
 - Completed tertiary
- Capital income, disaggregated by sector

Sources of information

- Data on output, by sector: gross output, inter-industry flows, factor payments, indirect tax payments
- Data on expenditures, by sector: consumption, investment, government spending, by foreigners (exports), and on foreign output (imports)
 - This is available from input-output table: but need aggregation and disaggregation to fit MAMS
- Imputed inter-industry flows using RAS

Sources of information

- Taxes: income (direct), import duties, business (indirect)
- Financial, current, capital account flows
- Savings by household and institution
- Obtained from National Income Accounts: extensive calculations

PART OF THE SAM FOR MAMS, PHILIPPINES

	a-agric	a-indust	a-wtsn	a-const	a-oinf	a-edupng	a-edusng	a-edutng	a-hlthng	a-edup	a-edus	a-edut	a-hlth	a-ogov	a-othserv
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c-agric	9138.3872	401125.29	1.85337E-05	208.63076	159.60052	0	0	0	14896.662	0.0103838	0.0045771	0.0021177	1958.3775	19439.67	67003.639
c-indust	657.92717	58124.168	0.005517569	49189.493	37629.489	9654.7937	3984.9289	1583.5749	5742.2258	0.0107217	0.004726	0.0021867	2284.6347	10360.661	41864.055
c-wtsn	87.715224	1416.2881	0.000535558	254.31879	194.55143	529.08633	218.3756	86.780502	228.24944	0.0016205	0.0007143	0.0003305	194.75479	1221.3234	1180.8882
c-const	8.0366044	81.384969	0.000397934	1796.7889	3365	0	0	0	0	0.0021345	0.0009409	0.0004353	345.65867	2792.3303	429.49523
c-oinf	0	0	0	169422.06	0	0	0	0	0	0	0	0	0	0	0
c-edupng	0	108.91691	0	0	0	0	0	0	124.81536	0.000722	0	0	7.0827393	51.021447	241.50672
c-edusng	0	48.009427	0	0	0	0	0	0	55.017295	0.0003182	0	0	3.1219969	22.489717	106.45362
c-edutng	0	22.213317	0	0	0	0	0	0	25.455763	0.0001472	0	0	1.444506	10.40569	49.25466
c-hlthng	0.0020193	0.000297434	0	0	0	0.0033545	0.0013845	0.0005502	0.0010638	0	0	0	0	0	0.00035178
c-edup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c-edus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c-edut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c-hlth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c-ogov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c-othserv	426.53711	46969.161	0.011755657	73164.448	55970.098	14100.884	5820.0123	2312.8206	3820.1138	0.0265406	0.0116988	0.0054129	3574.5892	39306.537	105651.73
f-labn	222784.98	125632.3076	214.4769823	24214.343	15481.301	263.4745	116.13678	53.73493	1318.1423	613.48539	270.4179	125.11873	1227.5429	18159.612	73901.2083
f-labs	68156.591	220378.2671	1771.766375	23192.641	14828.082	1624.7594	716.17684	331.3654	6887.2937	3783.1599	1667.5771	771.56551	6413.9114	94242.125	206923.383
f-labt	9307.7282	71372.50696	2676.299735	3678.1281	2351.5901	42024.182	18523.817	8570.7213	24748.122	97850.92	43131.656	19956.438	23047.117	200695.02	335018.811
f-capprv	525698.24	1168532.616	0	58833.36	0	20497.491	9035.0782	4180.4093	30351.584	0	0	0	0	0	1855968.27
f-capwtsn	0	0	10298.65919	0	0	0	0	0	0	0	0	0	0	0	0
f-capoinf	0	0	0	0	37614.771	0	0	0	0	0	0	0	0	0	0
f-capogov	0	0	0	0	0	0	0	0	0	0	0	0	0	24717.698	0
hhd															
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tax-com															
tax-imp															
tax-dir															
int-dom															
int-row															
dstk															
total	836266.14	2093811.13	14961.2205	403954.21	167594.48	88694.674	38414.527	17119.408	88197.683	102247.62	45069.673	20853.132	39058.235	411018.9	2688338.7

Next steps: my view

Greater disaggregation of sectors:

- Agriculture: rice, corn, coconut, sugar, , livestock and poultry, fisheries
- Industry: agro-processing, mining, petroleum,
- Services: telecommunications, business product outsourcing

Next steps: my view

Key issue: update on the I-O table

- According to NSCB: 2006 version to be released in 2013
- This has been promised since 2007
- Possibility of working directly with responsible unit; may also need to provide training to staff on “shortcut” methods, e.g. RAS

Next steps: my view

- Disaggregation of households, say by quintile
 - e.g. differences in savings rates, tax rates
- Incorporate the Value Added Tax
- Remittance income, migration, and link to education, employment
- Restate MDG 2 measure (and targeting) to net enrollment rate

Next steps: NEDA proposal

- Impact of government spending on maternal health
- Conditional cash transfers – microsimulation
 - N.B. Impacts of CCT on household behavior: another study
- Incorporate K+12: cost implications
 - Effect of K on retention: another study