

ITU Multi-Countries Workshop for National Focal Points on ICT Indicators and Measurements

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ICT price basket indicators

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MIS report – IPB and price data

- Price data collected (in advertized currency) for:
 - Fixed telephone
 - Mobile cellular (voice and SMS)
 - Fixed broadband
 - Mobile broadband (data) – full data collection since 2012
- Prices for each service are combined into a basket
- Monthly prices for each basket are presented in:
 - US\$
 - PPP\$
 - As a % pf GNI p.c.

IPB sub-baskets

Fixed telephone

- = Monthly subscription
- + 15 three-minute calls peak
- + 15 three-minute calls off-peak

Fixed broadband

- = Monthly subscription
- (+ excess usage if monthly cap < 1GB)

IPB sub-baskets (ii)

Mobile cellular

= 30 outgoing calls
+ 50 SMS on-net + 50 SMS off-net

Based on OECD
low-user basket

	To fixed	On-net	Off-net	Total	Call distribution by time of day (%)
Call distribution (%)	17.0	56.0	26.0	100.0	100.0
Calls (number)	5.2	16.9	7.9	30.0	
Peak	2.4	7.8	3.6	13.8	46.0
Off-peak	1.5	4.9	2.3	8.7	29.0
Weekend	1.3	4.2	2.0	7.5	25.0
Duration (minutes per call)	2.0	1.6	1.7		
Duration (total minutes of calls)	10.4	27.0	13.4	50.9	N/A
Peak	4.8	12.4	6.2	23.4	46.0
Off-peak	3.0	7.8	3.9	14.8	29.0
Weekend	2.6	6.8	3.4	12.7	25.0

IPB data collection

1 Data collection

IPB Questionnaire (2 weeks)

— Admin data – regulators/ministries

November

End year

February

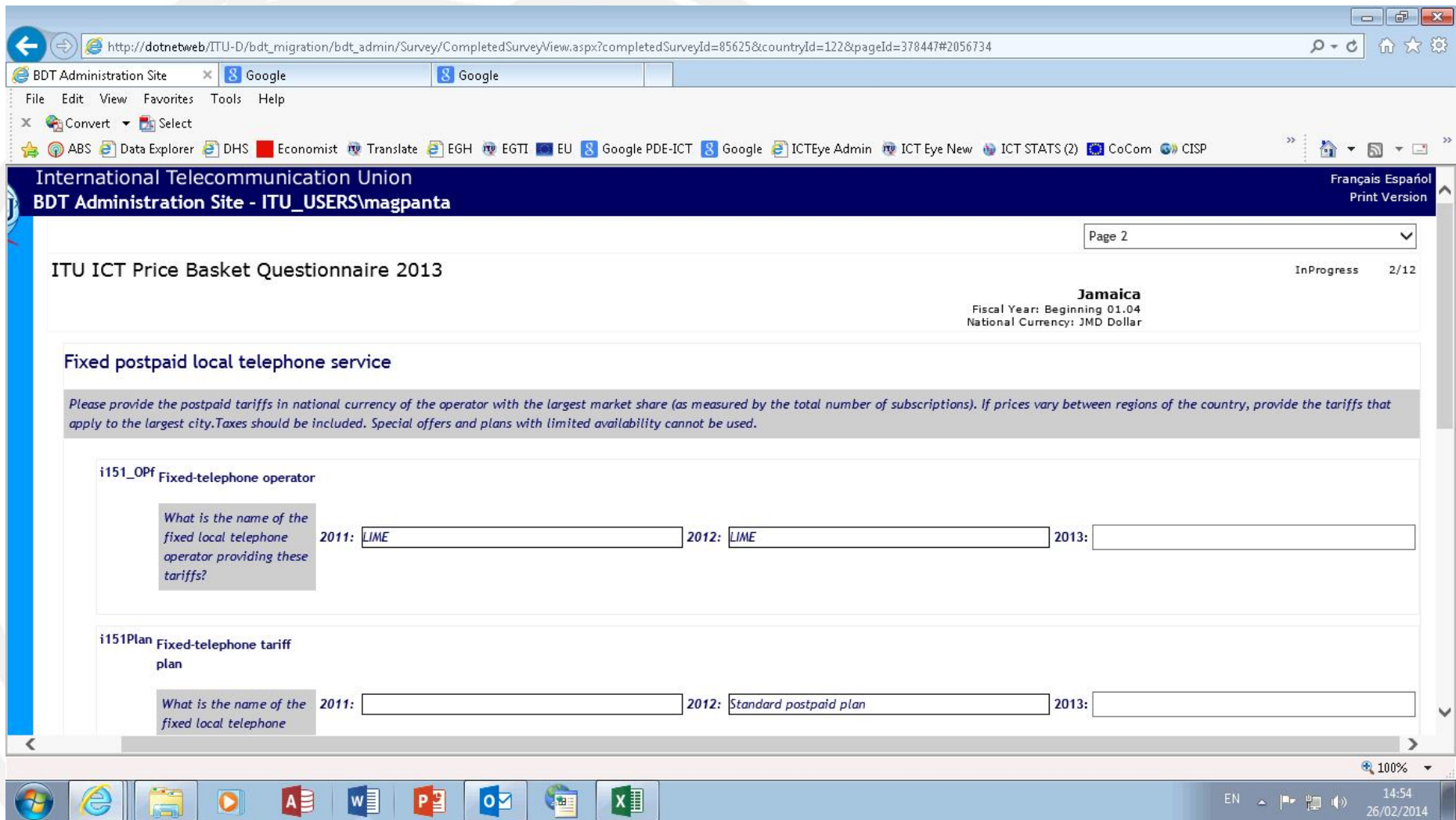
ITU data research

ITU data checking

2 Data finalized

ITU starts calculations and drafting

ITU IPB questionnaire (online)



The screenshot shows a web browser window displaying the ITU IPB questionnaire for Jamaica. The browser address bar shows the URL: http://dotnetweb/ITU-D/bdt_migration/bdt_admin/Survey/CompletedSurveyView.aspx?completedSurveyId=85625&countryId=122&pageId=378447#2056734. The page title is "International Telecommunication Union BDT Administration Site - ITU_USERS\magpanta". The questionnaire is titled "ITU ICT Price Basket Questionnaire 2013" and is for "Jamaica". The fiscal year is "Beginning 01.04" and the national currency is "JMD Dollar". The page is "Page 2" of "2/12" questions. The current question is "Fixed postpaid local telephone service". The instructions are: "Please provide the postpaid tariffs in national currency of the operator with the largest market share (as measured by the total number of subscriptions). If prices vary between regions of the country, provide the tariffs that apply to the largest city. Taxes should be included. Special offers and plans with limited availability cannot be used." The question asks for the name of the fixed local telephone operator providing these tariffs for the years 2011, 2012, and 2013. The 2011 and 2012 answers are "LIME". The question also asks for the name of the fixed local telephone tariff plan for the years 2011, 2012, and 2013. The 2012 answer is "Standard postpaid plan".

Information collected

- Name of the operator/ISP
- Name of price plan used
- Website/link of the plan
- Tax rate applied
- Price data

Rules applied in collecting fixed-telephone prices (1)

1. Prices of the largest operator (in terms of fixed-telephone subscriptions)
2. Prices in advertized currency, including taxes.
3. Only residential, single user prices should be collected.
4. If prices vary in regions, prices of largest city (in population) should be provided.

Fixed telephone – rules (2)

5. Cheapest postpaid plan on the basis of 30 local calls (15 peak and 15 off-peak) of three minutes each
6. Commitment period of 12-months (or the one closest to this commitment period)
7. Same price plan should be used for collecting all the (monthly subscription, peak and off-peak)

Fixed telephone – rules (3)

8. Prices for a regular (non-promotional) plan and should not include promotional offers or limited or restricted discount
9. Local calls refer to those made on the same fixed network (on-net) within the same exchange area
10. Peak is the busiest time of the day, working hours of weekdays. If more than one peak prices, use the most expensive one during the daytime

Fixed telephone – rules (4)

11. If more than one off-peak prices, use the cheapest before midnight. If the only off-peak period is after midnight, then use the peak rate.
12. If no distinction is made between peak and off-peak prices, then the same price should be used for the peak and off-peak indicators
13. If plan includes a certain number of minutes, use the price advertised per additional minute to calculate the price of a three-minute local call

Fixed telephone – rules (5)

14. If prices are in 'units', calculate the price per three minutes. Add a note on price per unit and the number of minutes included in the unit.

Ex. For example, if the price is given per 'units' of two minutes, then the price for three minutes should be 2 times the price per 'unit'.

15. Bundled services - preferable to use prices for a specific service; otherwise, note the additional services.

TTCL Voice Tariffs

Per minute Charging

Daily	Origination	Tariffs	
		Prepaid	Postpaid
Peak 6:01 am - 6:00 pm	Fixed to Fixed (LOCAL)	165.60	142.20
	Fixed to Fixed (STD)	177.30	177.30
	Fixed to Mobile		
	Mobile to Fixed	165.60	
	Mobile to Mobile		
Off-Peak 6:01 pm - 6:00 am	Fixed to Fixed (LOCAL)	118.80	118.80
	Fixed to Fixed (STD)		
	Fixed to Mobile		
	Mobile to Fixed		177.30
	Mobile to Mobile		

Example: fixed-telephone prices in Tanzania

Item	Charge		Remarks
	Fixed	Mobile	
Line Installation	20,000	1,250	<ul style="list-style-type: none"> • URBAN and RURAL categories will not exist • Line rental for fixed prepaid will be treated separately with usage bonus
Monthly Line Rental	5,000	NA	
Internal wiring	<ul style="list-style-type: none"> • Free if the wire required is less than 5 metres. • TZS 5,000 per each extra metre. 		

All charges are in TZS and Government Taxes exclusive.

Terms and Conditions apply.

Fixed broadband prices

- Fixed (wired)-broadband connection charge
- Fixed (wired)-broadband monthly subscription charge
- Fixed (wired)-broadband speed, in Mbit/s
- Fixed (wired)-broadband cap, in GB
- Fixed (wired)-broadband - price of excess usage

Rules applied in collecting fixed-broadband Internet prices (1)

1. Prices of the largest operator (in terms of fixed-broadband subscriptions)
2. Prices in advertized currency, including taxes.
3. Only residential, single user prices should be collected.
4. If prices vary in regions, prices of largest city (in population) should be provided.

Fixed broadband prices (2)

5. Cheapest plan based on a 1GB monthly usage and an advertised download speed of at least 256 kbit/s
6. 12-month plan (or the one closest to this commitment period)
7. Most subscriptions in the country (DSL, cable, fixed WiMAX, etc.).
8. Same price plan for monthly subscription, to the price of the excess charge, the volume of data that can be downloaded, etc.

Fixed broadband prices (3)

9. Prices should be collected for a regular (non-promotional) plan. If there is a discount for the first months of contract, the price after the discount period should be selected
10. Bundled services - preferable to use prices for a specific service; otherwise, note the additional services
11. Exclude cost of a fixed-telephone line, if it can be used for other services

Provide a note – (1) monthly rental for the physical line is not required (e.g. naked DSL) (2) monthly rental of a fixed-telephone line is required

Examples fixed-broadband prices

Gamnet Internet Services

Access	Product Name	Speed		Set-up Fee	Monthly Cost
		Downstream	Upstream		
DSL	ADSL Home 256/128	256kbps	128kbps	GMD500	GMD1,500.00
DSL	ADSL Home 512/128	512kbps	128kbps	GMD500	GMD5,000.00
DSL	SHDSL 256 Business	256kbps	256kbps	GMD1000	GMD5,000.00
DSL	SHDSL 512 Business	512kbps	512kbps	GMD1000	GMD10,000.00
DSL	SHDSL 1M Business	1Mbps	1Mbps	GMD1000	GMD18,000.00

Liquid Telecom Rwanda

ADSL

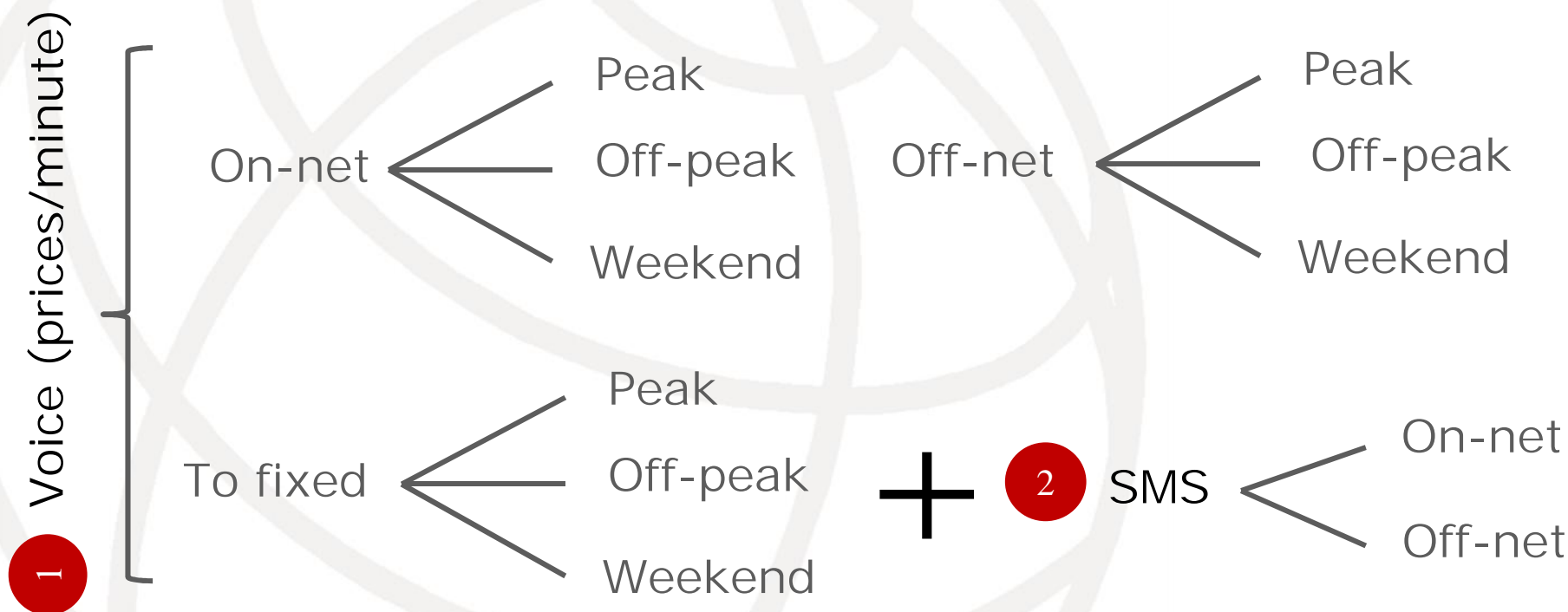
DSL	512 DATA	512kbps	RWF296,405.00
DSL	1024 DATA	1Mbps	RWF479,117.00
DSL	2048 DATA	2Mbps	RWF544,079.00

Fibre

LAN/FTTx	Fiber 512	512kbps	RWF177,000.00
LAN/FTTx	Fiber 1	1Mbps	RWF354,000.00
LAN/FTTx	Fiber 5	5Mbps	RWF1,298,000.00
LAN/FTTx	Fiber 10	10Mbps	RWF2,478,000.00

Mobile-cellular prices

- Same indicators & methodology since 2008



Mobile-cellular indicators – rules (i)

1. Operator with the largest market share [...] If prices vary between different regions of the country, prices refer to those applied in the largest city [...]
2. Collected in advertized currency, including taxes
3. Prices refer to prepaid plans [...] the one that comes closest to the 30 calls and 100 SMS [...]
4. If per-minute prices are only advertised in internal units [...] the price of the [cheapest & closest to 30 day validity] top-up/refill charge is used

Mobile-cellular indicators – rules (ii)

5. regular (non-promotional) plans and exclude special or promotional offers, limited discounts
6. “favourite” numbers (for family, friends, etc.) with a special price [...] will not be taken into consideration
7. Prices refer to outgoing local calls
8. If prices vary between minutes (1st minute = price A, 2nd minute = price B, 3rd minute = price C) [...] price per minute = $(A+B+C)/3$

Mobile-cellular indicators – rules (iii)

10. If there is a **connection cost per call**, then this is taken into consideration based on 30 calls
11. [...] off-peak prices [...] cheapest before midnight is used
12. [...] peak prices, the most expensive one during the daytime is used
13. [...] weekend prices, the price that applies Sundays during the daytime is used

Mobile-cellular indicators – rules (iv)

14. If [...] no weekend price, the average peak and off-peak price valid during the week is used
15. If peak and off-peak SMS prices exist, the average of both is used
16. If calls are charged by call or by hour (and not by the minute) [...] formula will be calculated on the basis of 30 calls or 50.9 minutes
17. Where monthly, recurring charges exist, they are added

THANK YOU

More information

<http://www.itu.int/ict>