Index

A	Balance of payments framework
Access points, 2.33, fn. 10, Appendix 1	comparison of measures of, Box 3.1
Accessibility of data	components of remittances, 3.14, Table 3.1
ITRS and, 4.30	remittances concepts in, Table 3.2
overview of, 6.3–6.4	remittance-related items in, 1.12, 3.3
Account-to-account transfers, 2.20, 2.25, 4.16,	residence of households, 3.5
Appendix 1	timing in, 3.13
Accrual basis, 3.13, Appendix 2	transactions in, 3.8–3.10
Accuracy of data	valuations in, 3.11–3.12
from demographic models, 4.131	Balance of Payments Manual (BPM5)
direct reporting by MTOs and, 4.80	components related to remittances, Box 3.1
ITRS and, 4.29	Balance of payments statistics. See also Balance
Agents. See also Transfer agents	of payments framework; Data Quality
courier companies, 2.51	Assessment Framework
ITRS, 4.27, 4.39	standard presentation of, 6.6
in money transfer operators, 2.34–2.36, 4.52, 4.60,	transactions in, 3.8–3.10
4.74, 4.84	Balance of Payments Statistics Yearbook (BOPSY)
in other, often unregulated, channels, 2.56, 2.62, 2.67	(IMF)
postal network, 2.39	data included in, 6.3, 6.8
telecommunications companies, 2.45	workers' remittances and compensation of
Aggregation point sampling, 4.107–4.109, 4.118	employees reported in, 1.1
Albania	Banco de Portugal, user-friendly data dissemination
estimation of remittances as residual in, Box 4.8	by, Box 6.1
National Survey of Family Remittances in, Box 4.5	Bank for International Settlements, 1.3
Anti-poverty tool, remittances as, 1.3	Banking channels, 2.20, 2.24–2.29, 4.9
Asset swaps, and assets exchange, 2.65, Table 2.1	Banks
Assistance to data users, 6.5	central, and direct reporting by MTOs, 4.66–4.67
Automated clearing house, 2.43, Appendix 1	payment formats of, 2.25
Automated teller machine (ATM) cards, as transfer	Bilateral data
channel, 2.27, Appendix 1	dissemination of, 6.9–6.13, Box 6.2
	direct reporting and, Box 5.1
В	indirect data sources and, 4.158, 4.165
Background to RCG, 1.1–1.6	lack of, 4.45–4.46
Balance of payments, Appendix 1	requests for, 3.32
Balance of Payments and International Investment	Black market exchange rates, 2.56
Position Manual (BPM6)	BOPSY. See Balance of Payments Statistics Yearbook
components related to remittances in BPM6 vs.	Border workers, 3.21, Box 3.1, Appendix 1
BPM5 framework, Box 3.1	BPM5. See Balance of Payments Manual (BPM5)
description of, 1.6, 3.2	BPM6. See Balance of Payments and International
residence rules of, 4.111	Investment Position Manual (BPM6)

Bulgaria, estimation of compensation of short-term	Table 2.1
workers abroad in, 4.108, Box 4.6	overview of, 2.1, Figure 2.1
Bus courier operators, 2.52–2.53	postal network as, 2.39-2.41, 4.12
	remittances captured through ITRS by, 4.9-4.13
C	telecommunications companies as, 2.44–2.48,
Capacity to remit, 2.9–2.10, 2.12	Box 2.2
Capital account, Box 3.1, Table 3.1, Appendix 1	trade-based systems, 2.68–2.71
Capital transfers	transport operators as, 2.52–2.53
coverage through ITRS, 4.15, Table 4.1	types of, 2.16–2.17, 2.19
coverage through money transfer operators, 4.72,	use of, 2.1
4.74, Table 4.2	Chit system, 2.63
defined, 3.9, Appendix 1	Chop system, 2.64
remittances concepts and, 3.20, 3.23, Table 3.2	Clearing/clearance
returning migrants and, 3.29	centralized, fn. 37
coverage through surveys of households, 4.110,	description of, Appendix 1
Table 4.4	first level of, 2.33
Card-based products, 2.26, Appendix 1	second level of, 2.34
Cash cards, Appendix 1	Clearing centers
Cash dispensers, Appendix 1	international, 2.35
"Cash-in-hand" method of transfer, 2.66	and money transfer operators, 2,32, 2.36
Cash remittances, Appendix 1	overseas, 4.45
Cash-to-cash transfers, 2.30–2.31, 2.45	Commissions, reporting, 4.60
Cash transfers, 2.18	Compatibility of data
Census survey of MTOs, 4.53	from MTOs with other data sources, 4.81
Central banks	from surveys with other data sources, 4.119
direct reporting by MTOs and, 4.66-4.67	Compensation of employees
postal network and, 2.39	accrual basis and, 3.13
Chain-referral sampling, 4.100, 4.105–4.106, 4.120	as balance of payments item, 3.14
Channels of remittances	in BPM6 vs. BPM5 framework, Box 3.1
asset swaps, 2.65	as component for compiling remittances items,
attractiveness of, 2.20–2.22	Table 3.1
banking type, 2.24–2.29	coverage through households surveys, 4.110, Table 4.4
black market peso exchange, 2.65	coverage through indirect data, Table 4.5
"cash-in-hand" method, 2.66	coverage through ITRS, 4.14, Table 4.1
cash intensive business as, 2.67	coverage through MTOs, 4.71, 4.73, fn. 40, Table 4.2
chit system, 2.63	defined, 3.12, 3.15, Appendix 1
choice of, 2.19–2.22	estimation of, 4.73, Box 4.6, Box 4.8
chop system, 2.64	exclusions, 3.16
courier companies as, 2.51, 4.13	gross compensation, inclusions, 3.21
credit unions as, 2.42–2.43, 4.11	from ITRS with other data sources, Box 5.1
defined, Appendix 1	net compensation, calculation of, 3.21
hawala, 2.21, 2.58–2.60, Figure 2.2	personal remittances and, 3.20
hundi, 2.61–2.62	residence and, 3.6–3.7
formal, 2.5, 2.19	resident-to-resident transactions and, 3.31
identification of, 2.4	statistics on, 1.1, Table 1.1
improving and expanding data by, 5.24-5.25	timing of recording, 3.13
informal, 2.5, 2.19	transactions recorded as, 3.8
Internet as, 2.49–2.50	Compensation of short-term workers abroad in
inventory of, 2.16–2.23	Bulgaria, estimation of, Box 4.6
legal and regulatory issues, 2.72–2.77	Compilation of data, general issues with, 5.1–5.9
money transfer operators as, 2.30–2.38	Compilers
other, often unregulated channels, 2.54–2.67.	"city group" of experienced, 1.5

contact between data providers and, 4.24, 4.44, 4.63 tools for critical data use, Box 6.3	through trade-based systems, 2.68–2.71 through transport operators, 2.52–2.53
Computing requirements, 5.26–5.29	Cross-border settlement
Consistency of data	central banks and, 4.66
checks for, 4.22	defined, Appendix 1
with standard presentation of balance of	monitoring of, fn. 37
payments, 5.9	MTOs and, fn. 32
Correspondent banking, 2.24, 2.36, Appendix 1	Cross-border supply, Box 3.2
Corridors, remittance	Cross-border transfer, 2.18
"cash-in-hand" method of transfer and, 2.66	Currency issues, and direct reporting by MTOs, 4.59
defined, 4.96, 6.12, Appendix 1	Current account, Appendix 1
households surveys and, 4.96, 4.121	Current situation regarding remittances, understanding
Cost	5.18–5.19
of direct reporting by MTOs, 4.78	Current transfers
of improving data quality, 5.21, 5.23	coverage through ITRS, 4.15, Table 4.1
of improving coverage, 5.22	coverage through MTOs, 4.72, 4.74, Table 4.2
of indirect data sources, 4.156	coverage through surveys of households, Table 4.4
of ITRS, 4.25, 4.28	description, 3.9, Appendix 1
of sending money abroad, 2.20, 2.22	remittances concepts and, 3.20, 3.23, Table 3.2
of surveys of households, 4.120	returning migrants and, 3.29
Counterpart data, Appendix 1	
Courier companies	D
ITRS and, 4.13	Data. See also Bilateral data; Dissemination of data;
as transaction channels, 2.51	Remittances data; Source data
Credit cards, Appendix 1	accuracy of, 4.29, 4.80, 4.131, 4.151, Box 5.1
Credits	compatibility of, 4.81, 4.119
defined, 3.10, 4.125	compilation of, general issues with, 5.1–5.9
estimation of, fn. 51	consistency of, 4.22, 5.9
prepaid, 2.44	from diverse sources, combining, 5.10–5.16,
Credit system, from trade-based system, 2.69	Box 5.1, Box 5.2
Credit transfers, 2.18	electronic submission of, 4.22–4.23, 4.61
Credit unions	improving, 1.5, 1.8, 2.1, 5.15, 5.17–5.25
ITRS and, 4.8, 4.11	official, 6.20
as transaction channels, 2.42–2.43	on migration, problems obtaining, 2.10–2.11
Cross-border investment	from MTOs, 2.38
migrants and, 3.26	quality of, 1.3–1.5
recording of, 3.27	revisions to, 5.7
Cross-border labor migration, 2.7	timeliness and frequency of, 4.27, 4.79, 5.8, Table 4.6
Cross-border netting scheme, Appendix 1	unofficial, 6.20
Cross-border payments and ITRS, 4.8, 4.10	validation of, 5.6
Cross-border remittances	Database management requirements, 5.26-5.29
channels of, see Channels of remittances	Data Quality Assessment Framework (DQAF)
measure of, 2.1	compilation practices in, 5.3
source of, 2.3	data dissemination and, 6.2
through banking channel, 2.24–2.29	description of, 1.8
through courier companies, 2.51	generic framework, Appendix 2
through credit unions, 2.42–2.43	source data requirements of, 5.4
through Internet, 2.49–2.50	Data sources. <i>See also</i> Direct reporting by money
through MTOs, 2.30–2.38	transfer operators; International transactions
through other, often unregulated, channels, 2.54–2.67	reporting system (ITRS); Indirect data sources;
through postal network, 2.39–2.41	Surveys of households
through telecommunications companies. 2.44–2.48	characteristics of Table 4.6

combining data from diverse, 5.10–5.16	collection system description, 4.49–4.50
selecting, 4.166–4.168	coverage by type of transaction, 4.70–4.75
Data users. See also Users	coverage of remittance aggregates through,
assistance to, 6.2–6.5, Box 6.1	Table 4.2
guide/help for, 4.90, 4.168, Box 4.2	description of, 4.47–4.48
interest in bilateral data, 3.32, 6.11	institutional arrangements for, 4.64–4.69
interest in improving data, 1.3–1.4	strengths of, 4.76–4.81
interest in remittances data, 1.5, 3.30	weaknesses of, 4.82–4.85
special group of, dissemination to, 6.14–6.20	Disproportionate stratification with two-phase
what they need, Box 6.3	sampling, 4.100–4.104, Table 4.3
Debits	Dissemination of data
compilation challenges, 3.24	by Banco de Portugal, Box 6.1
defined, 3.10, 4.125	bilateral data, 6.9–6.13
estimation of, fn. 51	by Deutsche Bundesbank, Box 6.2
Debit cards, Appendix 1	from experimental compilation, 6.17–6.20
Demographic and Health Surveys (U.S.), 4.94	overview of, 6.1–6.5
Demographic models	to special user groups, 6.14–6.16
country of birth or ethnic background, 4.132	standard and supplementary components, 6.6–6.8
country of origin, 4.137–4.138	DQAF. See Data Quality Assessment Framework
description of, 4.124, 4.126–4.131	Drafts, 2.25, 2.29, Appendix 1
duration of stay in host country, 4.136	Diarts, 2.23, 2.29, Appendix 1
gender, 4.134	E
income, 4.133	Econometric models
presence of children, 4.135	building, 4.145–4.146
weaknesses of, 4.161	description of, 4.124, 4.139–4.143
Demographic perspective on remittances	explanatory variables, 4.144
direct reporting by MTOs and, 4.58	strengths of, 4.157, 4.159–4.160
overview of, 2.7–2.15	weaknesses of, 4.161
Demographic surveys, 4.94	Economic development, impact of remittances on, 1.3
Design of specialized surveys	Electronic submission of data, 4.22–4.23, 4.61
aggregation point or intercept sampling, 4.107–4.109, 4.118	Employees. <i>See</i> Compensation of employees; Short-term workers
chain-referral or "snowball" sampling, 4.105-4.106	Employer-employee relationship, 3.15
disproportionate stratification with two-phase	Employers, see also Employer-employee relationship
sampling, 4.101–4.104, Table 4.3	compensation of employees and, 3.6–3.7, 3.12,
overview of, 4.99–4.100	3.15–3.16
Deutsche Bundesbank, Box 6.2	nonresident, 3.7
Direction of Trade Statistics (IMF), 6.11	resident, 3.6
Direct measurement	social contributions paid by, 3.12
bilateral data and, 6.13	taxes paid by, 3.15
estimation of data and, 4.166	Entrepreneurial income, Appendix 1
households surveys and, 4.86-4.88	Estimation approaches
weaknesses, 4.122	complexity of, 5.29
Direct participants, Appendix 1	demographic models, 4.126–4.138
Direct reporting	description of, 4.124–4.125, 4.154
combining with ITRS, Box 5.1	econometric models, 4.139–4.146, 4.159, 4.161
as input to data model, Box 5.2	residual models, 4.147–4.153, 4.161, 4.164
by remittance service providers other than MTOs,	strengths of, 4.155–4.160
Box 4.1	tailoring, 4.123, 5.14
Direct reporting by money transfer operators	uses of, 5.14–5.16
collection approach design and implementation,	weaknesses of, 4.161–4.165
4.51–4.63	"Ethnic proximity." 2.38

European Surveys of Income and Living Conditions	G
(Eurostat), 4.93	General Agreement on Trade in Services (GATS)
Evaluation of current data collection system, 5.20	mode 4 statistics, 3.33, Box 3.2
Exchange control	General Data Dissemination System (GDDS),
ITRS and, 4.7–4.9, 4.25, 4.28	Appendix 1
recording under, 2.76, 4.6, 4.66	Ghana Living Standards Survey, adding questions to,
restrictions, 2.56, 2.65	Box 4.3
Exchange, defined, 3.8	Giro system, Appendix 1, fn. 13
Exchange houses, private, 2.29	Gross settlement system, Appendix 1
Exchange rate differential, 4.144, Appendix 1	Group of Eight (G-8) Heads of State, 1.3
Exchange rates,	П
dual, 4.144	H Hamala
mode of transfer and, 2.22	Hawala
unregulated channels and, 2.57	defined, Appendix 1
Exemption thresholds, 4.36, 4.81, fn. 37	method of transfer, 2.58–2.60
Experimental compilation, dissemination of data,	speed of delivery through, 2.21
6.17–6.20	structure of, Figure 2.2
	Home banking, Appendix 1
F	Home country, Appendix 1
Families	Hometown associations, Appendix 1
migration of, and labor participation, 2.15	Host country, Appendix 1
of origin of senders, 4.82–4.83	Household, Appendix 1
supporting resident relatives, 3.31	Households surveys, Appendix 1. See also Surveys of
Family concept vs. household concept, 4.111	households
Financial account, Appendix 1	Hundi, 2.61–2.62
Financial Action Task Force (FATF), 2.73, 2.75	_
Financial institutions	I
defined, Appendix 1	Illegal workers, migration of, 2.8, 2.11
MTOs as, fn. 9	Income
as reporters, 2.72, 4.30	capacity to remit and, 2.9–2.10, 2.12, 4.133–4.138
as transaction channel, 4.9	compensation of employees and, 3.15
Forced remittances, Appendix 1	country of origin and, 4.137–4.138
Foreign direct investment, Appendix 1	coverage through MTOs, 4.83, fn. 40
Foreign exchange control, see Exchange control	demographic models and, 4.129–4.131, 4.133
Foreign exchange earnings, Appendix 1	demographic survey and, 4.94
Foreign exchange transactions, 2.22	disposal, 3.9, fn. 24
Formal remittance channels	as determinant of remittances flows, 4.144
defined, 2.19	duration of stay and, 4.136
determinants of attractiveness of, 2.20–2.22,	in econometric models, 4.139
2.56–2.57	employment, 3.3, 3.6–3.7
identification of, 2.17	gender and, 4.134
Franchised services, and money transfer operators,	investment, Appendix 1
2.32	household, 3.1, 4.91, 4.111
Frequency of data	in labor force survey, 4.94
compilation and, 5.8	personal remittances and, 3.21, Box 3.2
data sources and, 5.11, Table 4.6	presence of children and, 4.135
direct reporting by MTOs and, 4.79	remittances and, 2.1, 3.1, 3.3, 3.7
ITRS and, 4.27	total remittances and, 3.22
surveys and, 4.95	use in United States estimation model, Box 4.7
Frequency of data collection, and direct reporting by	Income and expenditure surveys, 4.93
MTOs, 4.55	Indirect data sources
Funds transfer system (FTS), Appendix 1	coverage of remittance aggregates from, Table 4.5

demographic models, 4.126-4.138, 4.161	coverage of remittance aggregates through, Table 4.1
description of, 4.122–4.125	data on remittances and, 4.8
econometric models, 4.139–4.146, 4.159, 4.161	defined, Appendix 1
remittances captured by type of transaction, 4.154	description of, 4.4–4.7
residual models, 4.147–4.153, 4.161, 4.164	MTOs and, 4.48
strengths of estimates based on, 4.155-4.160	preconditions for effective, 4.19–4.25
weaknesses of estimates based on, 4.161–4.165	remittances captured by transaction channels,
Indirect participants/members, Appendix 1	4.9–4.13
Individual transactions	remittances captured by type of transaction, 4.14-4.18
details for, 2.74	remittance transactions and, 4.8
reporting of, 4.23	strengths of, as data source, 4.26-4.30
size of, 1.8	weaknesses of, as data source, 4.31–4.46
Informal remittance channels	Internet, as transaction channel, 2.49–2.50
black market peso exchange, 2.65	Interviews, for understanding current situation, 5.18–5.19
"cash-in-hand" method, 2.66	Inventory of transaction channels, 2.16–2.23, Figure 2.1
chit system, 2.63	Investment by migrants, 3.26–3.28
chop system, 2.64	Investment income, Appendix 1
defined, 2.19, Appendix 1	IRnet (International Remittance Network), 2.42–2.43
determinants of attractiveness of, 2.20–2.22,	ITRS. See International transactions reporting system
2.56–2.57	
hawala, 2.21, 2.58–2.60, Figure 2.2	L
households surveys and, fn. 48	Labor force surveys, 4.91–4.92, Box 4.4
hundi, 2.61–2.62	Labor migration
inclusiveness of data from, 4.112, 4.150, 4.155, 5.24	bilateral agreements for, 2.14
omissions of data from, 4.32	problems obtaining data on, 2.11
registration scheme and, 2.73	purposes of, 2.12
trade-based systems, 2.68–2.71	roots of cross-border, 2.7
as unregulated, 2.54–2.57, Table 2.1	skilled vs. unskilled, 2.8
Informal remittances, 2.48, Appendix 1	Large-value payments, Appendix 1
Informal sector, Appendix 1	Legal issues
Informal transaction channels, 2.5. See also Informal	direct measurement and, 4.166
remittance channels	direct reporting by MTOs and, 4.49, 4.69, 4.84
In-kind transfers, 2.18, 2.53, fn. 20	ITRS and, 4.19
Interbank funds transfer system, Appendix 1	transaction channels and, 2.72–2.77
Intercept sampling, 4.107–4.109, 4.118	Licensing for transfer providers, 2.73–2.74
International bank account numbers, Appendix 1	Limited-purpose prepaid cards, Appendix 1
International Financial Statistics (IFS) (IMF), 6.3, 6.8	Living Standard Measurement Study, 4.93
International Household Survey Network, 4.87,	
Appendix 1	M
International Labour Organization, 4.92	Market prices for transactions, 3.11
International Passenger Survey (U.K.), 4.107	Market value, 4.13–4.14
International Remittance Network (IRnet), 2.42–2.43	Memorandum items, Appendix 1
International remittance transfers, Appendix 1	Messaging services, 2.18, Appendix 1
International Transactions in Remittances: Guide for	Metadata
Compilers and Users (RCG) (IMF)	accessibility of, 6.4
background of, 1.1–1.6	defined, Appendix 1
organization of, 1.11	dissemination of, 6.16
purpose of, 1.7–1.10	experimental compilation and, 6.18-6.20
International transactions reporting systems (ITRS)	tool for critical data use, Box 6.3
closed vs. open, 4.5-4.6	Migrants
collection system description, 4.5-4.7	choice of transaction channel by, 2.19-2.23
combining with other data sources, 5.11–5.13, Box 5.1	data on stock of, Box 2.1

defined, 2.2	Net amounts, settlements of, 4.41–4.44
demographic perspective on remittances and, 2.7–2.15	Net compensation of employees
investment by, 3.26–3.28	calculation of, Box 3.1, Table 3.1
returning, 3.29–3.30	defined, Appendix 1
short-term workers compared to, 2.12-2.13	estimation of, in Bulgaria, Box 4.6
Migrants' transfers, 3.29, Appendix 1	Net settlement, Appendix 1
Migration and remittances module, 4.92, Box 4.3	Netherlands Interdisciplinary Demographic Institute,
Migration. See also Labor migration	4.107
data on, problems obtaining, 2.10–2.11	Nonbank financial institutions
defined, 2.2	defined, Appendix 1
as explanatory variable, 4.144	MTOs as, fn. 9
families and, 2.15	Noncash transfers, 2.18, 3.1
personal transfers and, 3.18	Nonprofit institutions serving households (NPISHs),
program, 2.14	3.23–3.24, Appendix 1
sources for data on, Box 2.1	Nonresident workers. See also Short-term workers
survey, 4.107	defined, Appendix 1
total remittances and transfers to NPISHs and, 3.23	estimates derived from, 5.16
Migration status	improving remittance data and, 5.15
<i>BPM6</i> and, 2.2	from ITRS, 4.14, Table 4.1
choice of transfer channel and, 2.22	from MTOs, Table 4.2
Mobile phone-based money transfer services, 2.45–2.48	personal remittances and, 3.20-3.21
Models (estimation approaches)	resident-to-resident transactions of, 3.31
demographic, 4.126-4.138, 4.161	Non-sampling error, and surveys of households, 4.11
description of, 4.124–4.125	
direct reporting as input to, Box 5.2	0
econometric models, 4.139-4.146, 4.159, 4.161	Official development aid, Appendix 1
remittances by type of transactions from, 4.154	Omissions of informal channel data, 4.32
residual models, 4.147-4.153, 4.161, 4.164	Online methods of transfer
strengths of, 4.155–4.160	banking, 2.26, 2.28
weaknesses of, 4.161–4.165	Internet, 2.50–2.51
Money orders	speed of delivery and, 2.21
defined, Appendix 1	Organization of <i>RCG</i> , 1.11
postal, 2.40	Originator, Appendix 1
Money transfer operators (MTOs)	Outsourcing tasks, 5.28
data from, as input to data model, Box 5.2	
defined, Appendix 1	P
direct reporting by, 4.47–4.85	Participants/members, Appendix 1
FATF recommendations and, 2.75	Payers, Appendix 1
ITRS and, 4.10, 4.17, Box 5.1	Payment card company, Appendix 1
as transaction channels, 2.30–2.38	Payment formats of banks, 2.25
Monitoring of remittance industry, 2.75, 2.77	Payment instruments, Appendix 1
Motivation to remit, 2.10	Payment messages/orders/instructions, 2.18,
MTOs. See Money transfer operators (MTOs)	Table 2.1, Appendix 1
Multifunctional cards, Appendix 1	Payment netting, Appendix 1
Multilateral netting, Appendix 1	Payments, Appendix 1
Multiple Indicator Cluster Surveys (U.N. Children's	Payment systems, Appendix 1
Fund), 4.94	Periodicity. See Frequency of data
	Personal remittances
N	compiling, Box 3.1, Table 3.1
National statistics agencies, 4.68	coverage in model, 4.119, Table 4.5
National Survey of Family Remittances in Albania,	coverage through ITRS, 4.18, Table 4.1
Box 4.5	coverage through MTOs, Box 4.1, Table 4.2

coverage through households surveys, 4.88, Table 4.4	coverage through indirect data sources, 4.122–4.165
defined, 3.20, Table 3.2, Appendix 1	coverage through ITRS, 4.4–4.46
Personal transfers	coverage through MTOs, 4.47–4.85
compiling, Table 3.1	coverage through surveys of households, 4.86-4.121
coverage in model, 4.128, Table 4.5	estimation of, 5.10–5.16
coverage through households surveys, 4.88,	improving, 4.1, 5.1, 5.17–5.25
Table 4.4	residence and, 3.6–3.7
coverage through ITRS, Table 4.1	Remittance service providers/payment service
coverage through MTOs, Box 4.1, Table 4.2	providers, Appendix 1
defined, 3.17, Appendix 1, Table 3.2	Remittances in kind, Appendix 1
estimates of, 4.128, Box 4.7	Remittance transactions. See Transactions
investment by migrants and, 3.28	Reporting for ITRS, 4.20–4.21
measurement of, 4.127	Reporting requirements, 2.73–2.74, 2.76
migration and, 3.18	Reporting thresholds, loss of information due to,
Philippines Labor Force Survey, Box 4.4	4.34–4.40, 5.27
Point of sale, Appendix 1	Residence
Population register or census, 2.10–2.11, Box 2.1	defined, 3.5, Appendix 1
Postal network	of employers, 3.7
ITRS and, 4.12	importance of, 3.6
as transaction channel, 2.39–2.41	misclassification of, 4.82
Prepaid cards, Appendix 1	reclassification of, 3.30
Price (of remittance), Appendix 1	remittances data and, 3.6-3.7
Prioritization of tasks in data collection, 5.21–5.23	Residents, Appendix 1
Public disclosure, Appendix 1	Resident-to-resident transactions across borders, 3.31
Purpose of <i>RCG</i> , 1.7–1.10	Residual, estimation of remittances as, in Albania, Box 4.8
R	Residual models, 4.147–4.153, 4.161, 4.164
RCG. See International Transactions in Remittances:	Retail payments, Appendix 1
Guide for Compilers and Users (RCG)	Returning migrants, 3.29–3.30
Real-time transmission processing/settlement,	Revisions to data, 5.7
Appendix 1	
Registration for transfer providers, 2.73–2.74	S
Regulatory issues	Sample survey of MTOs, 4.53
direct reporting by MTOs and, 4.64-4.69	Sampling error, and surveys of households, 4.116
transaction channels and, 2.72-2.77	Sampling methods for surveys, 4.101–4.109, Table 4.3
Reliability of data	Seasonal workers,
and data models, 5.29	defined, Appendix 1
and direct reporting by MTOs, 4.80	obtaining data on, 2.11
Remittance channels. See Transaction channels	program for migration of, 2.14,
Remittance flows	Secondary data. See Indirect data sources
channels of, 2.19	Semiformal remittance channels, 2.19
estimation of, in econometric models, 4.140-4.155	Service fees, reporting, 4.60
increase in, 1.1	Settlements
Remittances	and bilateral data, 4.45, 4.165
defined, 1.1, 1.2, 1.12, 3.1, Appendix 1	in black market peso exchange, 2.65
quality of data on, 1.3–1.5	in combining direct reporting with ITRS, Box 5.1
forms of, 2.4, 2.18	defined, Appendix 1
total, 3.22, 3.23–3.24	and information flow, in MTOs, 4.10, 4.50
Remittances data. See also Bilateral data; Data;	in ITRS, 5.13
Dissemination of data.	in hawala, 2.60, Figure 2.2
collection program for, 4.3	in MTOs, 2.36, 4.49
compilation of, 5.1–5.9	Settlements of net amounts, 4.41–4.44

Short-term workers	total remittances, 3.22
capacity to remit of, 2.12	total remittances and transfers to nonprofit
choice of transaction channel by, 2.19–2.23	institutions serving households, 3.23–3.24
data on stock of, Box 2.1	workers' remittances, fn. 24
defined, 2.3	Survey of Overseas Filipinos, Box 4.4
demographic perspective on remittances and, 2.7–2.15	Surveys of households
estimating compensation of, in Bulgaria, Box 4.6	checklist for, 4.121
migrant compared to, 2.12–2.13	coverage of remittance aggregates through, Table 4.4
migration of, 2.8	demographic, 4.94
obtaining data on, 2.11	description of, 4.86–4.88
Simplification thresholds, 4.37	design of specialized, 4.99–4.109
SIM (Subscriber Identity Module) technology, 2.46	estimating payments using existing, 4.97
Skilled workers, migration of, 2.8	estimating payments using specialized, 4.98
Smart cards, Appendix 1	estimating receipts using existing, 4.90
"Snowball" sampling, 4.100, 4.105–4.106	estimating receipts using specialized, 4.96
Social benefits	Ghana Living Standards Survey, Box 4.3
coverage through households surveys, Table 4.4	income and expenditure, 4.93
coverage through indirect data, Table 4.5	including remittance variables in, Box 4.2
coverage through ITRS, 4.15, Table 4.1	labor force, 4.91–4.92
coverage through MTOs, 4.71, 4.74, Table 4.2	National Survey of Family Remittances in Albania
defined, 3.22, Appendix 1	Box 4.5
in remittances concepts, in <i>BPM6</i> , 3.22, Table 3.2	options for using, 4.89
Social contributions	by private market research companies, 4.95
as components for remittance items, Table 3.1	remittances captured by type of transaction,
coverage through ITRS, 4.15, Table 4.1	4.110–4.111
coverage through MTOs, 4.71, 4.74, Table 4.2	strengths of data obtained from, 4.112-4.114,
defined, 3.21, Appendix 1	weaknesses of data obtained from, 4.115–4.121
estimation of, 5.15–5.16	SWIFT (Society for Worldwide Interbank Financial
in remittances concepts, in BPM6, 3.22, Table 3.2	Telecommunication), Appendix 1
Society for Worldwide Interbank Financial	System of National Accounts, Appendix 1
Telecommunication (SWIFT), Appendix 1	Transfer of the second of the
Source data	T
adjustments, 5.5	Taxes
measurement of, 5.4	as components for remittance items, Table 3.1
obstacles to improving, 1.8	coverage through households surveys, Table 4.4
quality of, 4.1–4.3	coverage through indirect data, fn. 48
Speed of delivery, 2.21, 2.48	coverage through ITRS, 4.14, Table 4.1
Standardization of data-processing applications, 4.62	coverage through MTOs, 4.73–4.74, Table 4.2
Standard presentation of balance of payments, 5.9, 6.6,	defined, 3.21
Box 3.1	estimation of, 5.15–5.16
Stored value cards, 2.44, Appendix 1	in remittances concepts, in <i>BPM6</i> , Table 3.2
Subagents, see also Agents, 2.34–2.37, 4,52, 4.61	timing, 3.13
Subscriber Identity Module (SIM) technology, 2.46	Telecommunications companies, 2.44–2.48, Box 2.2
Supervision	Terminology used in <i>RCG</i> , 1.12
in ITRS, 4.6–4.7, 4.30	Threshold of reporting. See also Exemption
of MTOs, 4.64–4.66, 4.68	thresholds; Simplification thresholds.
of remittance industry, 2.75, 2.77	defined, Appendix 1
Supplementary items related to remittances	in ITRS, 4.21, 4.34–4.40, fn. 37
dissemination of data and, 6.6–6.8, 6.14, fn. 54	loss of information owing to, 4.21, 4.34–4.38, 5.27
in ITRS, 4.18	overcoming problems from, 4.38–4.40, 4.81, 5.27
overview of, 3.19, Table 3.1, Appendix 1	types of, 4.35–4.37
personal remittances, 3.20–3.21	Timeliness of data

compilation and, 5.8, 5.11	through telecommunications companies, 2.44–2.48
direct reporting by MTOs and, 4.79	Box 2.2
ITRS and, 4.27	through transport operators, 2.52–2.53
Total remittances	wire method of, 2.25
compiling, Table 3.1	Transport, defined, 3.21
coverage through households surveys, 4.88, Table 4.4	Transportation, estimation of, 5.15–5.16
coverage through ITRS, 4.18, Table 4.1	Transport operators, 2.52–2.53
coverage through model, 4.119, Table 4.5	Travel
coverage through MTOs, Box 4.1, Table 4.2	defined, 3.21
defined, 3.19, 3.22,4.2, Table 3.2, Appendix 1	estimation of, 5.15–5.16
to nonprofit institutions serving households, 3.23–3.24	Two-ATM model, 2.27
Total remittances and transfers to NPISHs	,
compiling, 3.24, Table 3.1	U
coverage through households surveys, Table 4.4	Unbanked, Appendix 1
coverage through ITRS, 4.18, Table 4.1	United Kingdom, International Passenger Survey, 4.107
coverage through model, 4.119, Table 4.5	United States, estimation of personal transfer (pay-
coverage through MTOs, Box 4.1, Table 4.2	ments) by, Box 4.7
defined, 3.19, 3.23, Table 3.2, Appendix 1	Unregulated transaction channels, 2.54–2.67, Table 2.1
Trade-based remittance systems, 2.68–2.71	Unskilled workers, migration of, 2.8
Transaction channels, <i>see</i> Channels of remittances	User groups, special, dissemination of data to, 6.14–6.16
Transactions	Users
in balance of payments statistics, 3.8–3.10	defined, Appendix 1
classification of, 4.18, 4.24, 4.33, 4.82–4.83, 4.164, 5.10	tools for, Box 6.3
individual, 1.8, 4.23	101, 2011 010
reclassification of residence compared to, 3.30	V
resident-to-resident, across borders, 3.31	Validation of data, 5.6
Transaction type	Valuations, 3.11–3.12
direct reporting by MTOs and, 4.70–4.75	Value transfer systems
indirect data sources and, 4.154	black market peso exchange, 2.65
remittances captured by ITRS by, 4.14–4.18	"cash-in-hand" method, 2.66
surveys of households and, 4.110–4.111	cash intensive business, 2.67
Transfer	chit system, 2.63
accrual basis and, 3.13	chop system, 2.64
capital, 3.9, Appendix 1	description of, 2.54–2.57, Table 2.1
cash, 2.18	hawala, 2.58–2.60, Figure 2.2
credit, 2.18	hundi, 2.61–2.62
current, 3.9, Appendix 1	Virtual accounts, transfers between, 2.50
defined, 3.8, Appendix 1	virtual accounts, transfers between, 2.30
in-kind or noncash, 2.18	W
to nonprofit institutions serving households, 3.23–3.24	Wire transfers, 2.25
Transfer agents, 2.30, 2.52	Workers' remittances
Transfer of funds	in <i>BPM6</i> vs. <i>BPM5</i> framework, Box 3.1
online method of, 2.21, 2.26, 2.28, 2.50–2.51	defined, Appendix 1
channels of, 2.19–2.20, Figure 2.1	dissemination of data on, from Deutsche
through banking channel, 2.24–2.29	Bundesbank, Box 6.2
through courier companies, 2.51, 4.13	in econometric models, fn. 51
through credit unions, 2.42–2.43	in households surveys, 4.110
· ·	
through Internet, 2.49–2.50 through money transfer operators, 2.30–2.38	and personal transfers, fn. 24 statistics on, Table 1.1
through other, often unregulated channels, see	supplementary item in <i>BPM6</i> , fn. 24
Value transfer systems	World Pople 1 2, 15
through postal network, 2.39–2.41	World Bank, 1.3, 1.5