

Supplementary file

Supplement to: Banke-Thomas A, Abejirinde IO, Ayomoh FI, Banke-Thomas O, Eboreime EA, Ameh CA. The cost of maternal health services in low- and middle-income countries from a provider's perspective: a systematic review. *BMJ Global Health*; published online: <http://dx.doi.org/10.1136/bmjgh-2020-002371>

Table S1: PRISMA Checklist

Section/topic	#	Checklist item	Reported on page #
TITLE			
Title	1	Identify the report as a systematic review, meta-analysis, or both.	1
ABSTRACT			
Structured summary	2	Provide a structured summary including, as applicable: background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings; systematic review registration number.	1
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known.	2
Objectives	4	Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS).	2
METHODS			
Protocol and registration	5	Indicate if a review protocol exists, if and where it can be accessed (e.g., Web address), and, if available, provide registration information including registration number.	1
Eligibility criteria	6	Specify study characteristics (e.g., PICOS, length of follow-up) and report characteristics (e.g., years considered, language, publication status) used as criteria for eligibility, giving rationale.	2,3
Information sources	7	Describe all information sources (e.g., databases with dates of coverage, contact with study authors to identify additional studies) in the search and date last searched.	2,3
Search	8	Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated.	3
Study selection	9	State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis).	3
Data collection process	10	Describe method of data extraction from reports (e.g., piloted forms, independently, in duplicate) and any processes for obtaining and confirming data from investigators.	3
Data items	11	List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made.	3
Risk of bias in individual studies	12	Describe methods used for assessing risk of bias of individual studies (including specification of whether this was done at the study or outcome level), and how this information is to be used in any data synthesis.	N/A
Summary measures	13	State the principal summary measures (e.g., risk ratio, difference in means).	3
Synthesis of results	14	Describe the methods of handling data and combining results of studies, if done, including measures of consistency (e.g., I^2) for each meta-analysis.	3
Risk of bias across studies	15	Specify any assessment of risk of bias that may affect the cumulative evidence (e.g., publication bias, selective reporting within studies).	N/A
Additional analyses	16	Describe methods of additional analyses (e.g., sensitivity or subgroup analyses, meta-regression), if done, indicating which were pre-specified.	3
RESULTS			
Study selection	17	Give numbers of studies screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally with a flow diagram.	4
Study characteristics	18	For each study, present characteristics for which data were extracted (e.g., study size, PICOS, follow-up period) and provide the citations.	4, 5
Risk of bias within studies	19	Present data on risk of bias of each study and, if available, any outcome level assessment (see item 12).	N/A
Results of individual studies	20	For all outcomes considered (benefits or harms), present, for each study: (a) simple summary data for each intervention group (b) effect estimates and confidence intervals, ideally with a forest plot.	5
Synthesis of results	21	Present results of each meta-analysis done, including confidence intervals and measures of consistency.	N/A
Risk of bias across studies	22	Present results of any assessment of risk of bias across studies (see Item 15).	N/A
Additional analysis	23	Give results of additional analyses, if done (e.g., sensitivity or subgroup analyses, meta-regression [see Item 16]).	5
DISCUSSION			
Summary of evidence	24	Summarize the main findings including the strength of evidence for each main outcome; consider their relevance to key groups (e.g., healthcare providers, users, and policy makers).	6, 7
Limitations	25	Discuss limitations at study and outcome level (e.g., risk of bias), and at review-level (e.g., incomplete retrieval of identified research, reporting bias).	6, 7
Conclusions	26	Provide a general interpretation of the results in the context of other evidence, and implications for future research.	8
FUNDING			
Funding	27	Describe sources of funding for the systematic review and other support (e.g., supply of data); role of funders for the systematic review.	9

Table S2: Full search strategy applied in peer reviewed and grey literature

African Journal Online

Search conducted	Specific search term and number of records retrieved
Service AND cost	cost of maternal health service 2,320 records

CINAHL Plus via Ebscohost

Search conducted	Specific search term and number of records retrieved
Service AND cost (Year 2000 onwards, limited by language and country of interest)	AB ("ante*natal care" OR anc OR "birth" OR "skilled birth attendance" OR "obstetric emergenc*" OR "emergency obstetric care" OR "emergency obstetric and newborn care" OR emoc OR emonc OR "caesarean*" OR "vacuum" OR "post*natal care" OR "PNC" OR obstetric OR newborn OR delivery OR maternity OR "family planning" OR contraception) AND AB (cost* OR "cost of care" OR "cost*analysis" OR "cost*effectiveness" OR "cost*utility" OR "cost*benefit" OR "economic evaluation") AND AB ("Low-and-Middle-Income Countr*" OR "low income countr*" OR Africa OR "sub-Saharan Africa" OR Asia OR Afghanistan OR Albania OR Algeria OR Angola OR Argentina OR Armenia OR Azerbaijan OR Bangladesh OR Belarus OR Belize OR Benin OR Bhutan OR Bolivia OR "Bosnia and Herzegovina" OR Botswana OR Brazil OR Burkina Faso OR Burundi OR "Cabo Verde" OR Cambodia OR Cameroon OR "Central African Republic" OR Chad OR China OR Colombia OR Comoros OR "Democratic Republic of Congo" OR Congo OR "Costa Rica" OR "Côte d'Ivoire" OR Cuba OR Djibouti OR Dominica OR "Dominican Republic" OR Ecuador OR Egypt OR "El Salvador" OR "Equatorial Guinea" OR Eritrea OR Eswatini OR Ethiopia OR Fiji OR Gabon OR Gambia OR Georgia OR Ghana OR Grenada OR Guatemala OR Guinea OR Guinea-Bissau OR Guyana OR Haiti OR Honduras OR India OR Indonesia OR Iran OR Iraq OR Jamaica OR Kazakhstan OR Kenya OR Kiribati OR "Democratic People's Republic of Korea" OR Kosovo OR Kyrgyzstan OR "Lao People's Democratic Republic" OR Lebanon OR Lesotho OR Liberia OR Libya OR Madagascar OR Malawi OR Maldives OR Mali OR "Marshall Islands" OR Mauritania OR Mauritius OR Mexico OR Micronesia OR Moldova OR Mongolia OR Montenegro OR Morocco OR Mozambique OR Myanmar OR Namibia OR Nauru OR Nepal OR Nicaragua OR Niger OR Nigeria OR North Macedonia OR Pakistan OR Palau OR Panama OR "Papua New Guinea" OR Paraguay OR Peru OR Philippines OR Romania OR "Russian Federation" OR Rwanda OR Samoa OR "São Tomé and Príncipe" OR Senegal OR Serbia OR "Sierra Leone" OR "Solomon Islands" OR Somalia OR "South Africa" OR "South Sudan" OR "Sri Lanka" OR "St. Lucia" OR "St. Vincent and The Grenadines" OR Sudan OR Suriname OR Swaziland OR "Syrian Arab Republic" OR Tajikistan OR Tanzania OR Thailand OR Timor-Leste OR Togo OR Tokelau OR Tonga OR Tunisia OR Turkey OR Turkmenistan OR Tuvalu OR Uganda OR Ukraine OR Uzbekistan OR Vanuatu OR Venezuela OR Vietnam OR "Wallis and Futuna" OR "West Bank and Gaza" OR Yemen OR Zambia OR Zimbabwe) 1,596 records

Econlit via Ebscohost

Search conducted	Specific search term and number of records retrieved
Service AND cost (Year 2000 onwards, limited by language and country of interest)	AB ("ante*natal care" OR anc OR "birth" OR "skilled birth attendance" OR "obstetric emergenc*" OR "emergency obstetric care" OR "emergency obstetric and newborn care" OR emoc OR emonc OR "caesarean*" OR "vacuum" OR "post*natal care" OR "PNC" OR obstetric OR newborn OR delivery OR maternity OR "family planning" OR contraception) AND AB (cost* OR "cost of care" OR "cost*analysis" OR "cost*effectiveness" OR "cost*utility" OR "cost*benefit" OR "economic evaluation") AND AB ("Low-and-Middle-Income Countr*" OR "low income countr*" OR Africa OR "sub-Saharan Africa" OR Asia OR Afghanistan OR Albania OR Algeria OR Angola OR Argentina OR Armenia OR Azerbaijan OR Bangladesh OR Belarus OR Belize OR Benin OR Bhutan OR Bolivia OR "Bosnia and Herzegovina" OR Botswana OR Brazil OR Burkina Faso OR Burundi OR "Cabo Verde" OR Cambodia OR Cameroon OR "Central African Republic" OR Chad OR China OR Colombia OR Comoros OR "Democratic Republic of Congo" OR Congo OR "Costa Rica" OR "Côte d'Ivoire" OR Cuba OR Djibouti OR Dominica OR "Dominican Republic" OR Ecuador OR Egypt OR "El Salvador" OR "Equatorial Guinea" OR Eritrea OR Eswatini OR Ethiopia OR Fiji OR Gabon OR Gambia OR Georgia OR Ghana OR Grenada OR Guatemala OR Guinea OR Guinea-Bissau OR Guyana OR Haiti OR Honduras OR India OR Indonesia OR Iran OR Iraq OR Jamaica OR Kazakhstan OR Kenya OR Kiribati OR "Democratic People's Republic of Korea" OR Kosovo OR Kyrgyzstan OR "Lao People's Democratic Republic" OR Lebanon OR Lesotho OR Liberia OR Libya OR Madagascar OR Malawi OR Maldives OR Mali OR "Marshall Islands" OR Mauritania OR Mauritius OR Mexico OR Micronesia OR Moldova OR Mongolia OR Montenegro OR Morocco OR Mozambique OR Myanmar OR Namibia OR Nauru OR Nepal OR Nicaragua OR Niger OR Nigeria OR North Macedonia OR Pakistan OR Palau OR Panama OR "Papua New Guinea" OR Paraguay OR Peru OR Philippines OR Romania OR "Russian Federation" OR Rwanda OR Samoa OR "São Tomé and Príncipe" OR Senegal OR Serbia OR "Sierra Leone" OR "Solomon Islands" OR Somalia OR "South Africa" OR "South Sudan" OR "Sri Lanka" OR "St. Lucia" OR "St. Vincent and The Grenadines" OR Sudan OR Suriname OR Swaziland OR "Syrian Arab Republic" OR Tajikistan OR Tanzania OR Thailand OR Timor-Leste OR Togo OR Tokelau OR Tonga OR Tunisia OR Turkey OR Turkmenistan OR Tuvalu OR Uganda OR Ukraine OR Uzbekistan OR Vanuatu OR Venezuela OR Vietnam OR "Wallis and Futuna" OR "West Bank and Gaza" OR Yemen OR Zambia OR Zimbabwe) 235 records

Popline (until 1st September 2019, when the database was retired)

Search conducted	Specific search term and number of records retrieved
Service AND cost	"cost" AND "maternal health service*" <p>779 records</p>

PubMed

Search conducted	Specific search term and number of records retrieved
Services (Year 2000 onwards)	("ante*natal care"[Title/Abstract] OR anc [Title/Abstract] OR "birth" [Title/Abstract] OR "skilled birth attendance" [Title/Abstract] OR "obstetric emergenc*" [Title/Abstract] OR "emergency obstetric care" [Title/Abstract] OR "emergency obstetric[Title/Abstract] AND newborn care" [Title/Abstract] OR emoc [Title/Abstract] OR emonc [Title/Abstract] OR "caesarean*" [Title/Abstract] OR "vacuum" [Title/Abstract] OR "post*natal care" [Title/Abstract] OR "PNC" [Title/Abstract] OR obstetric [Title/Abstract] OR newborn [Title/Abstract] OR delivery [Title/Abstract] OR maternity [Title/Abstract] OR "family planning" [Title/Abstract] OR contraception[Title/Abstract]) Filters: Publication date from 2000/01/01 to 2019/09/31 <p>607,080 records</p>
Cost (Year 2000 onwards)	Search (cost*[Title/Abstract] OR "cost of care"[Title/Abstract] OR "cost*analysis"[Title/Abstract] OR "cost*effectiveness"[Title/Abstract] OR "cost*utility"[Title/Abstract] OR "cost*benefit"[Title/Abstract] OR "economic evaluation"[Title/Abstract]) Filters: Publication date from 2000/01/01 to 2019/09/31 <p>370,335 records</p>
Country of interest (Year 2000 onwards)	("Low-and-Middle-Income Countr*" OR "low income countr*" OR Africa OR "sub-Saharan Africa" OR Asia OR Afghanistan OR Albania OR Algeria OR Angola OR Argentina OR Armenia OR Azerbaijan OR Bangladesh OR Belarus OR Belize OR Benin OR Bhutan OR Bolivia OR "Bosnia and Herzegovina" OR Botswana OR Brazil OR Burkina Faso OR Burundi OR "Cabo Verde" OR Cambodia OR Cameroon OR "Central African Republic" OR Chad OR China OR Colombia OR Comoros OR "Democratic Republic of Congo" OR Congo OR "Costa Rica" OR "Côte d'Ivoire" OR Cuba OR Djibouti OR Dominica OR "Dominican Republic" OR Ecuador OR Egypt OR "El Salvador" OR "Equatorial Guinea" OR Eritrea OR Eswatini OR Ethiopia OR Fiji OR Gabon OR Gambia OR Georgia OR Ghana OR Grenada OR Guatemala OR Guinea OR Guinea-Bissau OR Guyana OR Haiti OR Honduras OR India OR Indonesia OR Iran OR Iraq OR Jamaica OR Kazakhstan OR Kenya OR Kiribati OR "Democratic People's Republic of Korea" OR Kosovo OR Kyrgyzstan OR "Lao People's Democratic Republic" OR Lebanon OR Lesotho OR Liberia OR Libya OR Madagascar OR Malawi OR Maldives OR Mali OR "Marshall Islands" OR Mauritania OR Mauritius OR Mexico OR Micronesia OR Moldova OR Mongolia OR Montenegro OR Morocco OR Mozambique OR Myanmar OR Namibia OR Nauru OR Nepal OR Nicaragua OR Niger OR Nigeria OR North Macedonia OR Pakistan OR Palau OR Panama OR "Papua New Guinea" OR Paraguay OR Peru OR Philippines OR Romania OR "Russian Federation" OR Rwanda OR Samoa OR "São Tomé and Príncipe" OR Senegal OR Serbia OR "Sierra Leone" OR "Solomon Islands" OR Somalia OR "South Africa" OR "South Sudan" OR "Sri Lanka" OR "St. Lucia" OR "St. Vincent and The Grenadines" OR Sudan OR Suriname OR Swaziland OR "Syrian Arab Republic" OR Tajikistan OR Tanzania OR Thailand OR Timor-Leste OR Togo OR Tokelau OR Tonga OR Tunisia OR Turkey OR Turkmenistan OR Tuvalu OR Uganda OR Ukraine OR Uzbekistan OR Vanuatu OR Venezuela OR Vietnam OR "Wallis and Futuna" OR "West Bank and Gaza" OR Yemen OR Zambia OR Zimbabwe) Filters: Publication date from 2000/01/01 to 2019/09/31 <p>3,895,465 records</p>
Service AND cost (Year 2000 onwards, limited by language and country of interest)	((("ante*natal care"[Title/Abstract] OR anc[Title/Abstract] OR "birth"[Title/Abstract] OR "skilled birth attendance"[Title/Abstract] OR "obstetric emergenc*" [Title/Abstract] OR "emergency obstetric care" [Title/Abstract] OR "emergency obstetric[Title/Abstract] AND newborn care"[Title/Abstract] OR emoc[Title/Abstract] OR emonc[Title/Abstract] OR "caesarean*" [Title/Abstract] OR "vacuum" [Title/Abstract] OR "post*natal care" [Title/Abstract] OR "PNC" [Title/Abstract] OR obstetric [Title/Abstract] OR newborn [Title/Abstract] OR delivery [Title/Abstract] OR maternity [Title/Abstract] OR "family planning" [Title/Abstract] OR contraception [Title/Abstract])) AND ("2000/01/01" [PDAT] : "2019/09/31" [PDAT])) AND (((cost*[Title/Abstract] OR "cost of care" [Title/Abstract] OR "cost*analysis" [Title/Abstract] OR "cost*effectiveness" [Title/Abstract] OR "cost*utility" [Title/Abstract] OR "cost*benefit" [Title/Abstract] OR "economic evaluation" [Title/Abstract])) AND ("2000/01/01" [PDAT] : "2019/09/31" [PDAT])) AND (((("Low-and-Middle-Income Countr*" OR "low income countr*" OR africa OR "sub-Saharan Africa" OR asia OR afghanistan OR albania OR algeria OR angola OR argentina OR armenia OR azerbaijan OR bangladesh OR belarus OR belize OR benin OR bhutan OR bolivia OR "bosnia and herzegovina" OR botswana OR brazil OR burkina faso OR burundi OR "Cabo Verde" OR cambodia OR cameroon OR "Central African Republic" OR chad OR china OR colombia OR comoros OR "Democratic Republic of Congo" OR congo OR "Costa Rica" OR "Cote d'Ivoire" OR cuba OR djibouti OR dominica OR "Dominican Republic" OR ecuador OR egypt OR el salvador OR "Equatorial Guinea" OR eritrea OR eswatini OR ethiopia OR fiji OR gabon OR gambia OR georgia OR ghana OR grenada OR guatemala OR guinea OR guinea-bissau OR guyana OR haiti OR honduras OR india OR indonesia OR iran OR iraq OR jamaica OR kazakhstan OR kenya OR kiribati OR "Democratic People's Republic of Korea" OR kosovo OR kyrgyzstan OR "Lao People's Democratic Republic" OR lebanon OR lesotho OR liberia OR libya OR madagascar OR malawi OR maldives OR mali OR "Marshall Islands" OR mauritania OR mauritius OR mexico OR micronesia OR moldova OR mongolia OR montenegro OR morocco OR mozambique OR myanmar OR namibia OR nauru OR nepal OR nicaragua OR niger OR nigeria OR north macedonia OR pakistan OR palau OR panama OR "Papua New Guinea" OR paraguay OR peru OR philippines OR romania OR "Russian Federation" OR russia OR samoa OR "Sao Tome and Principe" OR senegal OR serbia OR "Sierra Leone" OR "Solomon Islands" OR somalia OR "South Africa" OR "South Sudan" OR "Sri Lanka" OR "St. Lucia" OR "St. Vincent and The Grenadines" OR sudan OR suriname OR swaziland OR "Syrian Arab Republic" OR tajikistan OR tanzania OR thailand OR timor-leste OR togo OR tokelau OR tonga OR tunisia OR turkey OR turkmenistan OR tuvalu OR uganda OR ukraine OR uzbekistan OR vanuatu OR venezuela OR vietnam OR "Wallis and Futuna" OR "West Bank and Gaza" OR yemen OR zambia OR zimbabwe)) AND ("2000/01/01" [PDAT] : "2019/09/31" [PDAT])) Filters: Publication date from 2000/01/01 to 2019/09/31 <p>6,171 records</p>

Scopus

Search conducted	Specific search term and number of records retrieved
Services (Year 2000 onwards)	((TITLE-ABS-KEY ("ante*natal care" OR anc OR "birth" OR "skilled birth attendance" OR "obstetric emergenc*" OR "emergency obstetric care" OR "emergency obstetric and newborn care" OR emoc OR emonc) AND PUBYEAR > 1999) OR (TITLE-ABS-KEY ("caesarean*" OR "vacuum" OR "post*natal care" OR "PNC" OR obstetric OR newborn OR delivery OR maternity OR "family planning" OR contraception) AND PUBYEAR > 1999)) 1,695,466 records
Cost (Year 2000 onwards)	TITLE-ABS-KEY (cost* OR "cost of care" OR "cost*analysis" OR "cost*effectiveness" OR "cost*utility" OR "cost*benefit" OR "economic evaluation") AND PUBYEAR > 1999 2,134,356 records
Service AND cost (Year 2000 onwards)	((TITLE-ABS-KEY ("ante*natal care" OR anc OR "birth" OR "skilled birth attendance" OR "obstetric emergenc*" OR "emergency obstetric care" OR "emergency obstetric and newborn care" OR emoc OR emonc) AND PUBYEAR > 1999) OR (TITLE-ABS-KEY ("caesarean*" OR "vacuum" OR "post*natal care" OR "PNC" OR obstetric OR newborn OR delivery OR maternity OR "family planning" OR contraception) AND PUBYEAR > 1999)) AND (TITLE-ABS-KEY (cost* OR "cost of care" OR "cost*analysis" OR "cost*effectiveness" OR "cost*utility" OR "cost*benefit" OR "economic evaluation") AND PUBYEAR > 1999)) 112,757 records
Service AND cost (Year 2000 onwards, limited by language)	((TITLE-ABS-KEY ("ante*natal care" OR anc OR "birth" OR "skilled birth attendance" OR "obstetric emergenc*" OR "emergency obstetric care" OR "emergency obstetric and newborn care" OR emoc OR emonc) AND PUBYEAR > 1999) OR (TITLE-ABS-KEY ("caesarean*" OR "vacuum" OR "post*natal care" OR "PNC" OR obstetric OR newborn OR delivery OR maternity OR "family planning" OR contraception) AND PUBYEAR > 1999)) AND (TITLE-ABS-KEY (cost* OR "cost of care" OR "cost*analysis" OR "cost*effectiveness" OR "cost*utility" OR "cost*benefit" OR "economic evaluation") AND PUBYEAR > 1999) AND (LIMIT-TO (LANGUAGE , "English") OR LIMIT-TO (LANGUAGE , "French")) 108,978 records
Service AND cost (Year 2000 onwards, limited by language and country of interest)	((TITLE-ABS-KEY ("ante*natal care" OR anc OR "birth" OR "skilled birth attendance" OR "obstetric emergenc*" OR "emergency obstetric care" OR "emergency obstetric and newborn care" OR emoc OR emonc) AND PUBYEAR > 1999) OR (TITLE-ABS-KEY ("caesarean*" OR "vacuum" OR "post*natal care" OR "PNC" OR obstetric OR newborn OR delivery OR maternity OR "family planning" OR contraception) AND PUBYEAR > 1999)) AND (TITLE-ABS-KEY (cost* OR "cost of care" OR "cost*analysis" OR "cost*effectiveness" OR "cost*utility" OR "cost*benefit" OR "economic evaluation") AND PUBYEAR > 1999) AND (LIMIT-TO (LANGUAGE , "English") OR LIMIT-TO (LANGUAGE , "French")) AND (LIMIT-TO (AFFILCOUNTRY , "India") OR LIMIT-TO (AFFILCOUNTRY , "Iran") OR LIMIT-TO (AFFILCOUNTRY , "Pakistan") OR LIMIT-TO (AFFILCOUNTRY , "Nigeria") OR LIMIT-TO (AFFILCOUNTRY , "Thailand") OR LIMIT-TO (AFFILCOUNTRY , "Kenya") OR LIMIT-TO (AFFILCOUNTRY , "Egypt") OR LIMIT-TO (AFFILCOUNTRY , "Uganda") OR LIMIT-TO (AFFILCOUNTRY , "Bangladesh") OR LIMIT-TO (AFFILCOUNTRY , "Indonesia") OR LIMIT-TO (AFFILCOUNTRY , "Ghana") OR LIMIT-TO (AFFILCOUNTRY , "Tanzania") OR LIMIT-TO (AFFILCOUNTRY , "Ethiopia") OR LIMIT-TO (AFFILCOUNTRY , "Viet Nam") OR LIMIT-TO (AFFILCOUNTRY , "Malawi") OR LIMIT-TO (AFFILCOUNTRY , "Philippines") OR LIMIT-TO (AFFILCOUNTRY , "Nepal") OR LIMIT-TO (AFFILCOUNTRY , "Zambia") OR LIMIT-TO (AFFILCOUNTRY , "Tunisia") OR LIMIT-TO (AFFILCOUNTRY , "Lebanon") OR LIMIT-TO (AFFILCOUNTRY , "Peru") OR LIMIT-TO (AFFILCOUNTRY , "Burkina Faso") OR LIMIT-TO (AFFILCOUNTRY , "Sri Lanka") OR LIMIT-TO (AFFILCOUNTRY , "Morocco") OR LIMIT-TO (AFFILCOUNTRY , "Zimbabwe") OR LIMIT-TO (AFFILCOUNTRY , "Cameroon") OR LIMIT-TO (AFFILCOUNTRY , "Rwanda") OR LIMIT-TO (AFFILCOUNTRY , "Congo") OR LIMIT-TO (AFFILCOUNTRY , "Senegal") OR LIMIT-TO (AFFILCOUNTRY , "Mozambique") OR LIMIT-TO (AFFILCOUNTRY , "Botswana") OR LIMIT-TO (AFFILCOUNTRY , "Mali") OR LIMIT-TO (AFFILCOUNTRY , "Iraq") OR LIMIT-TO (AFFILCOUNTRY , "Cuba") OR LIMIT-TO (AFFILCOUNTRY , "Sudan") OR LIMIT-TO (AFFILCOUNTRY , "Benin") OR LIMIT-TO (AFFILCOUNTRY , "Gambia") OR LIMIT-TO (AFFILCOUNTRY , "Guatemala") OR LIMIT-TO (AFFILCOUNTRY , "Papua New Guinea") OR LIMIT-TO (AFFILCOUNTRY , "Cote d'Ivoire") OR LIMIT-TO (AFFILCOUNTRY , "Jamaica") OR LIMIT-TO (AFFILCOUNTRY , "Afghanistan") OR LIMIT-TO (AFFILCOUNTRY , "Kazakhstan") OR LIMIT-TO (AFFILCOUNTRY , "Madagascar") OR LIMIT-TO (AFFILCOUNTRY , "Panama") OR LIMIT-TO (AFFILCOUNTRY , "Laos") OR LIMIT-TO (AFFILCOUNTRY , "Myanmar") OR LIMIT-TO (AFFILCOUNTRY , "Fiji") OR LIMIT-TO (AFFILCOUNTRY , "Haiti") OR LIMIT-TO (AFFILCOUNTRY , "Moldova") OR LIMIT-TO (AFFILCOUNTRY , "Bolivia") OR LIMIT-TO (AFFILCOUNTRY , "Honduras") OR LIMIT-TO (AFFILCOUNTRY , "Niger") OR LIMIT-TO (AFFILCOUNTRY , "Namibia") OR LIMIT-TO (AFFILCOUNTRY , "El Salvador") OR LIMIT-TO (AFFILCOUNTRY , "Gabon") OR LIMIT-TO (AFFILCOUNTRY , "Sierra Leone") OR LIMIT-TO (AFFILCOUNTRY , "Syrian Arab Republic") OR LIMIT-TO (AFFILCOUNTRY , "Yemen") OR LIMIT-TO (AFFILCOUNTRY , "Uzbekistan") OR LIMIT-TO (AFFILCOUNTRY , "Democratic Republic Congo") OR LIMIT-TO (AFFILCOUNTRY , "Libyan Arab Jamahiriya") OR LIMIT-TO (AFFILCOUNTRY , "Togo") OR LIMIT-TO (AFFILCOUNTRY , "Burundi") OR LIMIT-TO (AFFILCOUNTRY , "Swaziland") OR LIMIT-TO (AFFILCOUNTRY , "Angola") OR LIMIT-TO (AFFILCOUNTRY , "Eritrea") OR LIMIT-TO (AFFILCOUNTRY , "Guinea") OR LIMIT-TO (AFFILCOUNTRY , "Lesotho") OR LIMIT-TO (AFFILCOUNTRY , "Chad")) OR LIMIT-TO (AFFILCOUNTRY , "Undefined")) 13,130 records

Web of Science

Search conducted	Specific search term and number of records retrieved
Services (Year 2000 onwards)	TS=("ante*natal care" OR anc OR "birth" OR "skilled birth attendance" OR "obstetric emergenc*" OR "emergency obstetric care" OR "emergency obstetric and newborn care" OR emoc OR emonc OR "caesarean*" OR "vacuum" OR "post*natal care" OR "PNC" OR obstetric OR newborn OR delivery OR maternity OR "family planning" OR contraception) Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=2000-2019 1,128,789 records
Cost (Year 2000 onwards)	(TS=(cost* OR "cost of care" OR "cost*analysis" OR "cost*effectiveness" OR "cost*utility" OR "cost*benefit" OR "economic evaluation")) AND LANGUAGE: (English OR French) AND DOCUMENT TYPES: (Article) Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=2000-2019 962,756 records
Country of interest (Year 2000 onwards)	(CU=("Low-and-Middle-Income Countr*" OR "low income countr*" OR Africa OR "sub-Saharan Africa" OR Asia OR Afghanistan OR Albania OR Algeria OR Angola OR Argentina OR Armenia OR Azerbaijan OR Bangladesh OR Belarus OR Belize OR Benin OR Bhutan OR Bolivia OR "Bosnia and Herzegovina" OR Botswana OR Brazil OR Burkina Faso OR Burundi OR "Cabo Verde" OR Cambodia OR Cameroon OR "Central African Republic" OR Chad OR China OR Colombia OR Comoros OR "Democratic Republic of Congo" OR Congo OR "Costa Rica" OR "Côte d'Ivoire" OR Cuba OR Djibouti OR Dominica OR "Dominican Republic" OR Ecuador OR Egypt OR 'El Salvador OR "Equatorial Guinea" OR Eritrea OR Eswatini OR Ethiopia OR Fiji OR Gabon OR Gambia OR Georgia OR Ghana OR Grenada OR Guatemala OR Guinea OR Guinea-Bissau OR Guyana OR Haiti OR Honduras OR India OR Indonesia OR Iran OR Iraq OR Jamaica OR Kazakhstan OR Kenya OR Kiribati OR "Democratic People's Republic of Korea" OR Kosovo OR Kyrgyzstan OR "Lao People's Democratic Republic" OR Lebanon OR Lesotho OR Liberia OR Libya OR Madagascar OR Malawi OR Maldives OR Mali OR "Marshall Islands" OR Mauritania OR Mauritius OR Mexico OR Micronesia OR Moldova OR Mongolia OR Montenegro OR Morocco OR Mozambique OR Myanmar OR Namibia OR Nauru OR Nepal OR Nicaragua OR Niger OR Nigeria OR North Macedonia OR Pakistan OR Palau OR Panama OR "Papua New Guinea" OR Paraguay OR Peru OR Philippines OR Romania OR "Russian Federation" OR Rwanda OR Samoa OR "São Tomé and Príncipe" OR Senegal OR Serbia OR "Sierra Leone" OR "Solomon Islands" OR Somalia OR "South Africa" OR "South Sudan" OR "Sri Lanka" OR "St. Lucia" OR "St. Vincent and The Grenadines" OR Sudan OR Suriname OR Swaziland OR "Syrian Arab Republic" OR Tajikistan OR Tanzania OR Thailand OR Timor-Leste OR Togo OR Tokelau OR Tonga OR Tunisia OR Turkey OR Turkmenistan OR Tuvalu OR Uganda OR Ukraine OR Uzbekistan OR Vanuatu OR Venezuela OR Vietnam OR "Wallis and Futuna" OR "West Bank and Gaza" OR Yemen OR Zambia OR Zimbabwe)) AND LANGUAGE: (English OR French) AND DOCUMENT TYPES: (Article) Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=2000-2019 7,418,033 records
Service AND cost (Year 2000 onwards, limited by language and country of interest)	(#1 AND #2 AND #3) AND LANGUAGE: (English OR French) AND DOCUMENT TYPES: (Article) Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=2000-2019 11,413 records

Grey Literature

Websites of the following organisations were searched:

Averting Maternal Death and Disability (AMDD),

FP2020,

Gutmacher Institute,

LMIC Ministries of Health,

Management Sciences for Health,

Maternal Health Task Force,

Population Council,

United Nations Children's Fund,

United Nations Fund for Population

World Health Organization

Table S3: Quality assessment of included studies

Quality criteria	Benson et al, 2012	Blaakman et al, 2014	von Both et al, 2008	Cobos Muñoz et al, 2015	Collins et al, 2011	Cros et al, 2012	Dalaba et al, 2013	Deboutte et al, 2013	Entringer et al, 2019	Hitimana et al, 2018	Ilboudo et al, 2016	Khan and Zaman, 2010	Lince-Deroche et al, 2017	Odhiambo et al, 2019	Orach et al, 2007	Parmar et al, 2017	Prada et al, 2013	Saronga et al, 2014	Vlassoff et al, 2012	Vlassoff et al, 2014	Vlassoff et al, 2015	Zeng et al, 2017
Express costs in a currency value or as currency per person served by the program.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Provide detailed breakdown of costs incurred to develop and/or implement the intervention.	0	0	0	1	0	0	1	0	1	1	0.5	1	0.5	1	1	0	0.5	0	1	0.5	0.5	1
Include indirect costs, and intangible costs	0	0.5	0.5	0.5	0.5	0	1	0	0.5	1	0.5	1	0	0.5	0	0	1	0	0	1	1	1
Describe the perspective of the study and relate this to the costs being evaluated: Government, society, health care provider	1	0	1	1	0	0	1	1	1	1	1	1	1	1	0.5	0	1	1	1	1	1	1
Report the dates of the estimated resource quantities and unit costs. Describe methods for adjusting estimated unit costs to the year of reported costs if necessary. Describe methods for converting costs into a common currency base and the exchange rate.	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	0.5	0.5	0.5	0.5	0.5
Summarise key study findings and describe how they support the conclusions reached. Discuss limitations and the generalisability of the findings and how the findings fit with current knowledge.	0.5	0.5	0.5	1	0.5	0.5	1	0.5	0.5	1	1	1	1	1	1	1	0.5	1	0.5	0.5	0.5	1
Describe how the study was funded and the role of the funder in the identification, design, conduct, and reporting of the analysis. Describe other non-monetary sources of support.	1	0	0	1	0	0	1	0	0.5	1	1	1	0.5	0.5	0.5	1	1	1	0.5	0.5	0.5	1
Describe any potential for conflict of interest of study contributors in accordance with journal policy. In the absence of a journal policy, we recommend authors comply with International Committee of Medical Journal Editors recommendations.	1	0	0	1	0	0	1	0.5	0	1	1	1	1	1	0	1	0.5	1	1	1	1	1
TOTAL QUALITY SCORE	5.5	2.5	4	7.5	3	2.5	8	4	5.5	8	7	8	6	7	4.5	5	6.5	5.5	5.5	6	6	7.5
TOTAL QUALITY PERCENTAGE	69%	31%	50%	94%	38%	31%	100%	50%	69%	100%	88%	100%	75%	88%	56%	63%	81%	69%	69%	75%	75%	94%

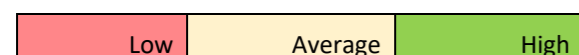


Table S4: Overview of included studies

S/No.	Author(s)	Year of publication	Source	Stated objective	Country of study	Health financing approach	Scale of study	Site of study	Country of organisation conducting study	Study design	Stand-alone vs. Nested study	Data sources	Intervention(s) costed
1	Saronga et al.	2014	Peer-review	To assess the actual dimension and distribution of the costs of providing antenatal care (ANC) and childbirth services in selected rural primary health care facilities in Tanzania.	Tanzania	General Taxation and Donation	Sub-national	Facility	Tanzania, Ghana, Belgium, Burkina Faso, Bulgaria, China	Retrospective quantitative cross-sectional study	Nested	Document reviews, interviews and physical inventory of resources used at the facilities	Ante-natal care, Delivery
2	Hitimana et al.	2018	Peer-review	To estimate the current cost of antenatal care services from the health care provider and household perspectives in Rwanda.	Rwanda	General Taxation and Donation	Sub-national	Facility	Sweden, Rwanda	Cross-sectional health facility survey	Nested	Survey	Ante-natal care
3	von Both et al.	2008	Peer-review	To determine the actual costs of antenatal and obstetric care in different health institutions in a district in Tanzania as a basis of more efficient resource allocation.	Tanzania	General Taxation and Donation	District	Facility	Germany	Mixed methods	Stand alone	Key Informant Interview and document review	Ante-natal care, Caesarean delivery, Family planning, Post-natal care, Vaginal delivery
4	Dalaba et al.	2013	Peer-review	To analyse the overall cost of providing health services in selected primary health centres and how much of the cost is attributed to the provision of antenatal and delivery services.	Ghana	General Taxation and Donation	Sub-national	Facility	Germany, Ghana	Cross-sectional design	Nested	Key Informant Interview, document review and physical measuring of rooms and counts of equipment.	Ante-natal care and vaginal delivery
5	Entringer et al.	2019	Peer-review	To perform a cost analysis of hospital care for vaginal delivery and elective caesarean section for usual risk pregnant women.	Brazil	Taxation	Sub-national	Facility	Brazil	Cross-sectional health facility survey	Stand alone	Survey	Vaginal delivery and caesarean delivery
6	Khan & Zaman	2010	Peer-review	To determine the average cost of a spontaneous vaginal delivery and Caesarean section in a tertiary level government hospital in Islamabad, Pakistan.	Pakistan	General Taxation and Donation	Facility	Facility	Pakistan	Cross-sectional health facility survey	Stand alone	Document and expenditure report review	Vaginal delivery and caesarean delivery
7	Zeng et al.	2017	Peer-review	The objectives of this study are to (1) estimate unit cost of health services in the ESP provided through clinics in an NGO network; (2) examine cost variation by different characteristics of health facilities; (3) investigate cost drivers of delivering ESP and (4) explore determinants of the unit cost of health services.	Bangladesh	General Taxation and Donation	Sub-national	Facility	USA and Bangladesh	Cross-sectional design	Stand alone	Survey	Ante-natal care, caesarean delivery, family planning, post-natal care, vaginal delivery

8	Benson et al.	2012	Peer-review	The objectives of the study were to: (1) describe current PAC caseloads and treatment regimens in selected study public hospitals; (2) calculate estimates of the per-case costs of treatment of abortion complications; and (3) calculate estimates of annual costs of treatment of abortion complications in all public hospitals in the 3 study states.	Nigeria	General Taxation and Donation	Sub-national	Facility	USA, Nigeria, Switzerland	Cross-sectional design	Stand alone	A data collection tool based on Savings tool in the WHO's Mother-Baby package.	Post-abortion care
9	Orach et al.	2007	Peer-review	To estimate and compare the costs and coverage of reproductive health (RH) interventions in refugee and host populations in three rural West Nile refugee-affected districts of Uganda.	Uganda	General Taxation and Donation	Sub-national	Facility	Uganda and Belgium	Cross-sectional design	Stand alone	Exit interviews and reviewed medical records of clients/patients treated in the 38 sampled health facilities.	Ante-natal care, caesarean delivery, family planning, vaginal delivery
11	Lince-Deroche et al	2017	Peer-review	To estimate the costs and cost effectiveness of providing first-trimester medication abortion and manual vacuum aspiration services to inform planning for first-trimester service provision in South Africa and similar settings	South Africa	General Taxation and Donation	Facility	Facility	South Africa and USA	Cost Effectiveness Analysis	Stand alone	Interview	Medical abortion and manual vacuum aspiration
12	Parmar et al	2017	Peer-review	This study provides the first estimates of costs of post abortion care (PAC) after an unsafe abortion and the cost of safe abortion in Zambia	Zambia	General Taxation and Donation	Facility	Facility	UK and Zambia	Not stated	Stand alone	Key informant interviews; medical records of women; and review of facility aggregate records (logbooks).	Medical abortion, manual vacuum aspiration, post abortion care with management of complications
13	Odhiambo et al	2019	Peer-review	To determine the health facility cost of caesarean section at a rural district hospital in Rwanda.	Rwanda	General Taxation and Donation	Facility	Facility	USA and Rwanda	Retrospective costing study	Nested	Document review, interviews, equipment questionnaire, prices from logistics records, literature review on useful life years, interview of medical staff, Hospital expenditure report, Patient charts, prices from local pharmacy.	Caesarean delivery
14	Ilboudo et al	2016	Peer-review	To estimate the costs of six abortion complications including incomplete abortion, haemorrhage, shock, infection/sepsis, cervix or vagina laceration, and uterus perforation treated in two public referral hospital facilities in Ouagadougou and the cost saving of providing safe abortion care services.	Burkina Faso	General Taxation and Donation	Facility	Facility	Burkina Faso and Norway	Cross-sectional design	Nested	Questionnaire.	Post-abortion care
15	Vlassoff et al	2014	Peer-review	To provide a detailed cost estimates of the cost of post-abortion care in Uganda based on an extensive set of current primary data collected through a nationwide survey.	Uganda	General Taxation and Donation	National	Facility	USA and Uganda	Post-Abortion Care Costing Methodology	Stand alone	Key Informant Interview	Post-abortion care

16	Vlassoff et al	2015	Peer-review	To estimate the cost to the Rwandan health-care system of providing post-abortion care due to unsafe abortions.	Rwanda	General Taxation and Donation	National	Facility	USA and Rwanda	Post-Abortion Care Costing Methodology	Stand alone	Key Informant Interview	Post-abortion care
17	Vlassoff et al	2012	Peer-review	To estimate the cost to the health system of providing post-abortion care.	Ethiopia	General Taxation and Donation	Sub-national	Facility	USA and Ethiopia	Post-Abortion Care Costing Methodology	Stand alone	Key Informant Interview	Post abortion care with management of complications
18	Prada et al	2013	Peer-review	Our first objective was to estimate the costs incurred by health care facilities in treating complications of unsafe abortion. Our second objective was to estimate the total annual cost to the health system of providing post-abortion care	Columbia		National	Facility	Colombia, USA and Mexico	Post-Abortion Care Costing Methodology (PACCM)	Stand alone	Face-to-face interviews with key informants and document review	Post abortion care with management of complications
19	Deboutte et al	2013	Peer-review	To measure the cost-effectiveness of emergency obstetric care, in particular caesarean sections (CSs) in a violent part of the eastern Democratic Republic of the Congo (DRC).	Democratic Republic of the Congo (DRC)	General Taxation and Donation	District	Facility	UK	Not stated	Stand alone	Collection of information on the cost to service providers and proportional cost allocation	Caesarean delivery
20	Blaakman et al.	2014	Grey literature	To identify the variation among these costs in delivering health services in the different regions of Somalia.	Somalia	General Taxation and Donation	Sub-national		UK	Not stated	Stand alone	Survey with a facility-based costing tool	Vaginal delivery
21	Collins et al.	2011	Grey literature	To estimate the cost of each service included in the Paquet Minimum d'Activités (PMA).	Rwanda	General Taxation and Donation	Sub-national	Facility	USA	Not stated	Stand alone	CORE (Cost and Revenue) Plus tool	Delivery
22	Cros et al.	2012	Grey literature	To determine the unit PMS cost to support the Haiti Ministry of Health and Population (MSPP) in the establishment of financing mechanisms.	Haiti	General Taxation and Donation	Sub-national	Facility	USA	Not stated	Stand alone	CORE (Cost and Revenue) Plus tool	Ante-natal care and family planning

Table S5: Extracted cost from included studies

Author and year	Country	Service	Facility type	Facility ownership	Labour	Equip	Medicines	Supplies	Medicines + supplies	Labs.	Blood	Lodging	Capital	Overheads	Admin.	Comms.	Repair	Utility	Costs per service provided (Stated) (US\$)	Cost per service provided (Calculated) (US\$)	Year of cost data	Exchange rates used
Saronga et al., 2014	Tanzania	ANC	Health Centres + Dispensary	Public/Private															16.42		2009	1,326.83
von Both et al., 2008	Tanzania	ANC	Dispensary	Public															2.50		2003	1,015.01
Dalaba et al., 2013	Ghana	ANC	Health centre	Public															16.75		2010	1.50
Zeng et al., 2017	Bangladesh	ANC	Clinic	NGO	0.48		4.32			1.74				0.48					7.03	7.02	2015	76.43
Orach et al., 2007	Uganda	ANC	Hospital	Public	2.47		0.31	0.78											3.56	3.56	2003	1,697.45
Orach et al., 2007	Uganda	ANC	Health centre IV	Public	1.97		0.49	0.10											2.56	2.56	2003	1,697.45
Orach et al., 2007	Uganda	ANC	Health centre III	Public	1.84		0.45	0.26											2.55	2.55	2003	1,697.45
Orach et al., 2007	Uganda	ANC	Health centre II	Public	1.86		0.30	0.22											2.38	2.38	2003	1,697.45
Cobos Muñoz et al., 2015	Peru	ANC	Health centre	Public	2.65	10.86	0.38	0.07				0.02	11.99		0.04	0.01	0.15	0.07	31.30	26.24	2011	0.38
Blaakman et al., 2014	Somalia	ANC	Health centre	NGO/Public															5.01		2013	1,374.62
Blaakman et al., 2014	Somalia	ANC	Referral health centre	NGO/Public															5.88		2013	1,374.62
Cros et al., 2012	Haiti	ANC	Dispensary	Public															6.65		2011	41.07
Cros et al., 2012	Haiti	ANC	Health centre without bed	Public	1.63		0.39	0.07		1.83				3.58					7.55	7.50	2011	41.07
Cros et al., 2012	Haiti	ANC	Health centre with bed	Public															6.79		2011	41.07
Cros et al., 2012	Haiti	ANC	Dispensary	NGO															3.80		2011	41.07
Cros et al., 2012	Haiti	ANC	Health centre without bed	NGO	0.83		0.44	0.10		2.05				1.02					4.43	4.43	2011	41.07
Cros et al., 2012	Haiti	ANC	Health centre with bed	NGO															5.02		2011	41.07
Hitimana et al., 2018	Rwanda	ANC (1st visit)	Hospital	Private	18.11	0.40			50.35				0.16	4.45					75.00	73.47	2015	721.00
Hitimana et al., 2018	Rwanda	ANC (1st visit)	Health centre	Public/Mission	2.35	0.13			16.38				0.12	0.73					21.00	19.70	2015	721.00

Hitimana et al., 2018	Rwanda	ANC (2nd visit)	Hospital	Private	13.58	0.30			10.34									29.00	27.68	2015	721.00
Hitimana et al., 2018	Rwanda	ANC (2nd visit)	Health centre	Public/ Mission	1.05	0.06			4.29									6.00	5.82	2015	721.00
Hitimana et al., 2018	Rwanda	ANC (3rd visit)	Hospital	Private	13.58	0.30			10.45									29.00	27.78	2015	721.00
Hitimana et al., 2018	Rwanda	ANC (3rd visit)	Health centre	Public/ Mission	0.94	0.05			3.85									6.00	5.22	2015	721.00
Hitimana et al., 2018	Rwanda	ANC (4th visit)	Hospital	Private	9.06	0.20			15.42									28.00	26.98	2015	721.00
Hitimana et al., 2018	Rwanda	ANC (4th visit)	Health centre	Public/ Mission	1.50	0.08			7.86									11.00	9.97	2015	721.00
Saronga et al., 2014	Tanzania	Vaginal delivery	Health Centres + Dispensaries	Public/ Private														79.78		2009	1,326.83
von Both et al., 2008	Tanzania	Vaginal delivery	Public	Public														4.24		2003	1,015.01
von Both et al., 2008	Tanzania	Vaginal delivery	Dispensary	Public														12.30		2003	1,015.01
Dalaba et al., 2013	Ghana	Vaginal delivery	Health centre	Public														42.66		2010	1.50
Entringer et al., 2019	Brazil	Vaginal delivery	Hospital	Public	219.39			14.73					4.14		8.14			808.16	246.41	2015	3.28
Khan & Zaman, 2010	Pakistan	Vaginal delivery	Hospital	Public	14.00	3.00	3.00		0.30	0.60	2.80	3.60		1.30	0.60	1.60	7.00	40.00	37.80	2008	67.00
Zeng et al., 2017	Bangladesh	Vaginal delivery	Clinic	NGO	19.29		7.37		1.17									29.45	29.45	2015	76.43
Orach et al., 2007	Uganda	Vaginal delivery	Hospital	Public	4.86		0.16	1.46										6.48	6.48	2003	1,697.45
Orach et al., 2007	Uganda	Vaginal delivery	Health centre IV	Public	4.70		0.41	1.48										6.59	6.59	2003	1,697.45
Orach et al., 2007	Uganda	Vaginal delivery	Health centre III	Public	3.94		0.42	1.24										5.60	5.60	2003	1,697.45
Orach et al., 2007	Uganda	Vaginal delivery	Health centre II	Public	3.46		0.27	1.19										4.92	4.92	2003	1,697.45
Blaakman et al., 2014	Somalia	Vaginal delivery	Health centre	NGO/ Public														44.43		2013	1,374.62
Blaakman et al., 2014	Somalia	Vaginal delivery	Referral health centre	NGO/ Public														61.93		2013	1,374.62
Collins et al., 2011	Rwanda	Vaginal delivery	Health centre	Public														20.31		2009	557.87
von Both et al., 2008	Tanzania	Vaginal delivery + hospitalisation	Public	Public														6.31		2003	1.06
von Both et al., 2008	Tanzania	Caesarean delivery	Public	Public														47.88		2003	1.06

Entringer et al., 2019	Brazil	Caesarean delivery	Hospital	Public	276.54			44.92					11.04		7.06			1,113.70	339.57	2015	3.28	
Khan & Zaman, 2010	Pakistan	Caesarean delivery	Hospital	Public	56.00	13.00	13.00			1.50	3.40	11.20	13.40		5.00	2.60	6.40	27.00	162.00	152.50	2008	67.00
Odhiambo et al., 2019	Rwanda	Caesarean delivery	Hospital	Public	46.00		109.00	122.00					37.00	25.00					339.00	339.00	2015	725.30
Odhiambo et al., 2019	Rwanda	Caesarean delivery (Intra)	Hospital	Public	17.00		45.00	54.00					1.00	1.00					118.00	118.00	2015	725.30
Odhiambo et al., 2019	Rwanda	Caesarean delivery (Post)	Hospital	Public	19.00		55.00	6					2	21.00					175.00	175.00	2015	725.30
Odhiambo et al., 2019	Rwanda	Caesarean delivery (Pre)	Hospital	Public	11.00		9.00	7.00					16.00	3.00					46.00	46.00	2015	725.30
von Both et al., 2008	Tanzania	Caesarean delivery + hospitalisation	Public	Public															69.26		2003	1.06
Zeng et al., 2017	Bangladesh	Caesarean section	Clinic	NGO	74.03		36.18			2.01				2.60					114.83	114.82	2015	76.43
Orach et al., 2007	Uganda	Caesarean section	Hospital	Public	10.66		14.43	12.60											58.16	37.69	2003	1,697.45
von Both et al., 2008	Tanzania	PNC	Dispensary	Public															0.80		2003	1.06
Zeng et al., 2017	Bangladesh	PNC	Clinic	NGO	0.38		3.69			0.07				0.42					4.57	4.56	2015	76.43
Blaakman et al., 2014	Somalia	PNC	Health centre	NGO/ Public															13.54		2013	1,374.62
Blaakman et al., 2014	Somalia	PNC	Referral health centre	NGO/ Public															17.68		2013	1,374.62
von Both et al., 2008	Tanzania	FP	Dispensary	Public															1.45		2003	1.06
Zeng et al., 2017	Bangladesh	FP	Clinic	NGO	0.17		0.39							0.15					0.72	0.71	2015	76.43
Orach et al., 2007	Uganda	FP - Condom	Hospital	Public	0.62			1.76											2.38	2.38	2003	1,697.45
Orach et al., 2007	Uganda	FP - Condom	Health centre IV	Public	0.48			0.83											1.31	1.31	2003	1,697.45
Orach et al., 2007	Uganda	FP - Condom	Health centre III	Public	0.50			2.05											2.55	2.55	2003	1,697.45
Orach et al., 2007	Uganda	FP - Condom	Health centre II	Public	0.44			1.56											2.00	2.00	2003	1,697.45
Cros et al., 2012	Haiti	FP - Condoms, Pills, Injections	Dispensary	Public															5.55		2011	41.07
Cros et al., 2012	Haiti	FP - Condoms, Pills, Injections	Health centre without bed	Public															5.31		2011	41.07
Cros et al., 2012	Haiti	FP - Condoms, Pills, Injections	Health centre with bed	Public															4.94		2011	41.07
Cros et al., 2012	Haiti	FP - Condoms, Pills, Injections	Dispensary	NGO															5.50		2011	41.07

Cros et al., 2012	Haiti	FP - Condoms, Pills, Injections	Health centre without bed	NGO														5.31		2011	41.07
Cros et al., 2012	Haiti	FP - Condoms, Pills, Injections	Health centre with bed	NGO														4.77		2011	41.07
Orach et al., 2007	Uganda	FP - Depo-provera	Hospital	Public	1.25			0.83										2.08	2.08	2003	1,697.45
Orach et al., 2007	Uganda	FP - Depo-provera	Health centre IV	Public	1.16			0.56										1.72	1.72	2003	1,697.45
Orach et al., 2007	Uganda	FP - Depo-provera	Health centre III	Public	1.11			0.56										1.67	1.67	2003	1,697.45
Orach et al., 2007	Uganda	FP - Depo-provera	Health centre II	Public	1.10			0.55										1.65	1.65	2003	1,697.45
Orach et al., 2007	Uganda	FP - Oral pills	Hospital	Public	1.29			0.18										1.47	1.47	2003	1,697.45
Orach et al., 2007	Uganda	FP - Oral pills	Health centre IV	Public	1.17			0.08										1.25	1.25	2003	1,697.45
Orach et al., 2007	Uganda	FP - Oral pills	Health centre III	Public	1.08			0.12										1.20	1.20	2003	1,697.45
Orach et al., 2007	Uganda	FP - Oral pills	Health centre II	Public	0.95			0.12										1.07	1.07	2003	1,697.45
Ilboudo et al., 2016	Burkina Faso	Incomplete abortion	Hospital	Public	0.66		13.20						9.85					23.71	23.71	2010	486.21
Prada et al., 2013	Colombia	Legal abortion	Clinic	Private	38.00		7.00											45.00	45.00	2006	2,295.83
Prada et al., 2013	Colombia	Legal abortion	Hospital (Secondary)	Public	191.00		22.00											213.00	213.00	2006	2,295.83
Prada et al., 2013	Colombia	Legal abortion	Hospital (Tertiary)	Public	168.00		21.00											189.00	189.00	2006	2,295.83
Lince-Deroche et al., 2017	South Africa	Manual Vacuum Aspiration	Hospital	Public	39.22	9.41	1.71	19.26										69.60	69.60	2015	14.39
Parmar et al., 2017	Zambia	Manual Vacuum Aspiration	Hospital	Public	8.60				3.52	10.69	12.30	3.97						39.08	39.08	2013	0.19
Lince-Deroche et al., 2017	South Africa	Medication abortion	Hospital	Public	29.79	5.30	17.34	10.53				0.95						63.91	63.91	2015	14.39
Parmar et al., 2017	Zambia	Medication abortion	Hospital	Public	1				12.67	10.58								33.26	33.25	2013	0.19
Benson et al., 2012	Nigeria	PAC	Hospital	Public														70.00		2010	152.60
Vlassoff et al., 2014	Uganda	PAC	Regional hospital	Public	15.22				41.48				157.59	19.57				239.32	233.86	2010	2,153.47
Vlassoff et al., 2014	Uganda	PAC	District hospital	Mixed	14.93				29.59				98.38	15.77				169.93	158.67	2010	2,153.47
Vlassoff et al., 2014	Uganda	PAC	Health centre	Public	9.88				21.92				55.47	19.80				110.59	107.07	2010	2,153.47
Vlassoff et al., 2015	Rwanda	PAC	Referral hospital	Public	28.01				65.38				72.55	63.14				238.77	229.08	2010	573.31
Vlassoff et al., 2015	Rwanda	PAC	District hospital	Public/Private	23.22				36.55				3.16	27.66				92.86	90.59	2010	573.31
Vlassoff et al., 2015	Rwanda	PAC	Health centre	Public	5.39				17.25				14.92	33.03				71.81	70.59	2010	573.31
Vlassoff et al., 2015	Rwanda	PAC	Clinic	Private	53.40				22.34				6.67	25.13				125.19	107.54	2010	573.31

Ilboudo et al., 2016	Burkina Faso	PAC with cervix or vagina laceration	Hospital	Public	0.66	32.80												46.20	46.20	2010	486.21	
Vlassoff et al., 2012	Ethiopia	PAC with cervix or vagina laceration	Mixed	Public/Private	53.04	62.74											3.14	119.00	118.92	2008	9.48	
Prada et al., 2013	Colombia	PAC with cervix or vagina laceration	Clinic	Private																2006	2,295.83	
Prada et al., 2013	Colombia	PAC with cervix or vagina laceration	Hospital (Secondary)	Public	169.00	24.00												193.00	193.00	2006	2,295.83	
Prada et al., 2013	Colombia	PAC with cervix or vagina laceration	Hospital (Tertiary)	Public	173.00	54.00												227.00	227.00	2006	2,295.83	
Ilboudo et al., 2016	Burkina Faso	PAC with haemorrhage	Hospital	Public	0.59	17.64												26.30	26.30	2010	486.21	
Parmar et al., 2017	Zambia	PAC with incomplete abortion	Hospital	Public	7.86			9.74	3.03	5.13	7.41							33.17	33.17	2013	0.19	
Prada et al., 2013	Colombia	PAC with incomplete abortion	Clinic	Private	38.00	7.00												45.00	45.00	2006	2,295.83	
Prada et al., 2013	Colombia	PAC with incomplete abortion	Hospital (Secondary)	Public	8	19.00												99.00	99.00	2006	2,295.83	
Prada et al., 2013	Colombia	PAC with incomplete abortion	Hospital (Tertiary)	Public	69.00	18.00												87.00	87.00	2006	2,295.83	
Benson et al., 2012	Nigeria	PAC with moderate complications (sepsis or haemorrhage)	Hospital	Public														112.00		2010	152.60	
Parmar et al., 2017	Zambia	PAC with sepsis	Hospital	Public	17.29			4.89	29.94	14.35	31.77							98.25	98.24	2013	0.19	
Ilboudo et al., 2016	Burkina Faso	PAC with sepsis	Hospital	Public	2.63	43.07												39.37	85.08	85.07	2010	486.21
Vlassoff et al., 2012	Ethiopia	PAC with sepsis	Mixed	Public/Private	21.58	17.33												41.00	38.91	2008	9.48	
Prada et al., 2013	Colombia	PAC with sepsis	Clinic	Private																2006	2,295.83	
Prada et al., 2013	Colombia	PAC with sepsis	Hospital (Secondary)	Public	27	62.00												332.00	332.00	2006	2,295.83	
Prada et al., 2013	Colombia	PAC with sepsis	Hospital (Tertiary)	Public	322.00	88.00												41	41	2006	2,295.83	
Parmar et al., 2017	Zambia	PAC with shock	Hospital	Public	19.69			20.90	4.87	87.38	29.12							161.97	161.96	2013	0.19	
Ilboudo et al., 2016	Burkina Faso	PAC with shock	Hospital	Public	1.18	20.80												12.74	34.72	34.72	2010	486.21
Vlassoff et al., 2012	Ethiopia	PAC with shock	Mixed	Public/Private	18.42	20.08												4	38.50		2008	9.48
Prada et al., 2013	Colombia	PAC with shock	Clinic	Private																2006	2,295.83	

Prada et al., 2013	Colombia	PAC with shock	Hospital (Secondary)	Public	201.00		274.00											475.00	475.00	2006	2,295.83
Prada et al., 2013	Colombia	PAC with shock	Hospital (Tertiary)	Public	238.00		365.00											603.00	603.00	2006	2,295.83
Vlassoff et al., 2012	Ethiopia	PAC with uterine evacuation	Mixed	Public/Private	6.48		16.27											24.00	22.65	2008	9.48
Ilboudo et al., 2016	Burkina Faso	PAC with uterus laceration / perforation	Hospital	Public	1.66		22.45						49.65					73.76	73.76	2010	486.21
Vlassoff et al., 2012	Ethiopia	PAC with uterus laceration / perforation	Mixed	Public/Private	70.72		83.65									4.19		158.00	158.56	2008	9.48
Prada et al., 2013	Colombia	PAC with uterus laceration / perforation	Clinic	Private																2006	2,295.83
Prada et al., 2013	Colombia	PAC with uterus laceration / perforation	Hospital (Secondary)	Public	432.00		92.00											524.00	524.00	2006	2,295.83
Prada et al., 2013	Colombia	PAC with uterus laceration / perforation	Hospital (Tertiary)	Public	593.00		224.00											817.00	817.00	2006	2,295.83

All costs are presented in US\$

Table S6: Adjusted component and total cost of service provision estimated from studies with disaggregated cost

Author and year	Country	Service	Facility type	Facility owner	US\$ GDP deflator (Costing year)	Local currency GDP deflator (Costing year)	Local currency GDP deflator (Base year)	PPP factor (Base year)	Labour	Equipment	Medicine	Supplies	Medicines/supplies	Labs	Blood	Lodging	Capital	Overheads	Admin.	Comms,	Repair	Utility	Costs per service provided (Calculated inflated) (US\$)
Zeng et al., 2017	Bangladesh	ANC	Clinic	NGO	104.78	190.15	239.16	32.74	0.6		4.63			1.87				0.6					7.70
Orach et al., 2007	Uganda	ANC	Hospital	Public	82.55	53.02	175.71	1,105.60	8.19		0.42	1.06											9.67
Orach et al., 2007	Uganda	ANC	Health centre IV	Public	82.55	53.02	175.71	1,105.60	6.53		0.67	0.14											7.33
Orach et al., 2007	Uganda	ANC	Health centre III	Public	82.55	53.02	175.71	1,105.60	6.1		0.61	0.35											7.06
Orach et al., 2007	Uganda	ANC	Health centre II	Public	82.55	53.02	175.71	1,105.60	6.16		0.41	0.3											6.87
Cobos Muñoz et al., 2015	Peru	ANC	Health centre	Public	98.11	115.59	141.56	1.63	3.25	12.43	0.44	0.08				0.02	14.68		0.05	0.01	0.18	0.09	31.23
Cros et al., 2012	Haiti	ANC	Health centre without bed	Public	98.12	2162.78	4,461.82	34.43	3.37		0.45	0.08		2.09				7.38					13.37
Cros et al., 2012	Haiti	ANC	Health centre without bed	NGO	98.12	2162.78	4,461.82	34.43	1.71		0.5	0.11		2.34				2.11					6.77
Hitimana et al., 2018	Rwanda	ANC (1st visit)	Hospital	Private	104.79	100.29	117.43	305.99	21.21	0.43			53.98				0.19	5.21					81.01
Hitimana et al., 2018	Rwanda	ANC (1st visit)	Health centre	Public/Mission	104.79	100.29	117.43	305.99	2.75	0.14			17.56				0.14	0.85					21.44
Hitimana et al., 2018	Rwanda	ANC (2nd visit)	Hospital	Private	104.79	100.29	117.43	305.99	15.9	0.32			11.09				0.14	3.9					31.36
Hitimana et al., 2018	Rwanda	ANC (2nd visit)	Health centre	Public/Mission	104.79	100.29	117.43	305.99	1.22	0.06			4.6				0.12	0.38					6.38
Hitimana et al., 2018	Rwanda	ANC (3rd visit)	Hospital	Private	104.79	100.29	117.43	305.99	15.9	0.32			11.2				0.14	3.9					31.47
Hitimana et al., 2018	Rwanda	ANC (3rd visit)	Health centre	Public/Mission	104.79	100.29	117.43	305.99	1.1	0.06			4.13				0.11	0.34					5.73
Hitimana et al., 2018	Rwanda	ANC (4th visit)	Hospital	Private	104.79	100.29	117.43	305.99	10.6	0.21			16.53				0.09	2.6					30.04
Hitimana et al., 2018	Rwanda	ANC (4th visit)	Health centre	Public/Mission	104.79	100.29	117.43	305.99	1.76	0.09			8.43				0.07	0.54					10.89

Entringer et al., 2019	Brazil	Vaginal delivery	Hospital	Public	104.79	502.62	601.19	2.07	262.42			15.8					4.95		9.74				292.9
Khan & Zaman, 2010	Pakistan	Vaginal delivery	Hospital	Public	94.29	124.43	297.40	31.56	33.46	3.57	3.57			0.36	1.43	6.17	8.6		3.11	1.43	3.82	16.73	82.79
Zeng et al., 2017	Bangladesh	Vaginal delivery	Clinic	NGO	104.79	190.16	239.16	32.74	24.26		7.9			1.25					2.04				35.45
Orach et al., 2007	Uganda	Vaginal delivery	Hospital	Public	82.56	53.02	175.71	1,105.60	16.11		0.22	1.99											18.31
Orach et al., 2007	Uganda	Vaginal delivery	Health centre IV	Public	82.56	53.02	175.71	1,105.60	15.58		0.56	2.01											18.15
Orach et al., 2007	Uganda	Vaginal delivery	Health centre III	Public	82.56	53.02	175.71	1,105.60	13.06		0.57	1.69											15.32
Orach et al., 2007	Uganda	Vaginal delivery	Health centre II	Public	82.56	53.02	175.71	1,105.60	11.47		0.37	1.62											13.45
Entringer et al., 2019	Brazil	Caesarean delivery	Hospital	Public	104.79	502.62	601.19	2.07	330.78			48.16					13.2		8.45				400.59
Khan & Zaman, 2010	Pakistan	Caesarean delivery	Hospital	Public	94.29	124.43	297.40	31.56	133.84	15.49	15.49			1.79	8.13	26.37	32.03		11.95	6.21	15.3	64.53	331.52
Odhiambo et al., 2019	Rwanda	Caesarean delivery (All phases)	Hospital	Public	104.79	100.29	117.43	305.99	53.86		116.86	130.8					43.33	29.27					374.12
Odhiambo et al., 2019	Rwanda	Caesarean delivery (Intra)	Hospital	Public	104.79	100.29	117.43	305.99	19.91		48.24	57.89					1.17	1.17					128.39
Odhiambo et al., 2019	Rwanda	Caesarean delivery (Post)	Hospital	Public	104.79	100.29	117.43	305.99	22.25		58.97	64.33					23.42	24.59					193.55
Odhiambo et al., 2019	Rwanda	Caesarean delivery (Pre)	Hospital	Public	104.79	100.29	117.43	305.99	12.88		9.65	7.5					18.74	3.51					52.28
Zeng et al., 2017	Bangladesh	Caesarean section	Clinic	NGO	104.79	190.16	239.16	32.74	93.11		38.79			2.15					3.27				137.32
Orach et al., 2007	Uganda	Caesarean section	Hospital	Public	82.56	53.02	175.71	1,105.60	35.33		19.64	17.15											72.11
Zeng et al., 2017	Bangladesh	PNC	Clinic	NGO	104.79	190.16	239.16	32.74	0.48		3.96			0.08					0.53				5.04
Zeng et al., 2017	Bangladesh	FP	Clinic	NGO	104.79	190.16	239.16	32.74	0.21		0.42								0.19				0.82
Orach et al., 2007	Uganda	FP - Condom	Hospital	Public	82.56	53.02	175.71	1,105.60	2.05			2.4											4.45
Orach et al., 2007	Uganda	FP - Condom	Health centre IV	Public	82.56	53.02	175.71	1,105.60	1.59			1.13											2.72
Orach et al., 2007	Uganda	FP - Condom	Health centre III	Public	82.56	53.02	175.71	1,105.60	1.66			2.79											4.45
Orach et al., 2007	Uganda	FP - Condom	Health centre II	Public	82.56	53.02	175.71	1,105.60	1.46			2.12											3.58

Orach et al., 2007	Uganda	FP - Depo-provera	Hospital	Public	82.56	53.02	175.71	1,105.60	4.14			1.13										5.27
Orach et al., 2007	Uganda	FP - Depo-provera	Health centre IV	Public	82.56	53.02	175.71	1,105.60	3.84			0.76										4.61
Orach et al., 2007	Uganda	FP - Depo-provera	Health centre III	Public	82.56	53.02	175.71	1,105.60	3.68			0.76										4.44
Orach et al., 2007	Uganda	FP - Depo-provera	Health centre II	Public	82.56	53.02	175.71	1,105.60	3.65			0.75										4.39
Orach et al., 2007	Uganda	FP - Oral pills	Hospital	Public	82.56	53.02	175.71	1,105.60	4.28			0.24										4.52
Orach et al., 2007	Uganda	FP - Oral pills	Health centre IV	Public	82.56	53.02	175.71	1,105.60	3.88			0.11										3.99
Orach et al., 2007	Uganda	FP - Oral pills	Health centre III	Public	82.56	53.02	175.71	1,105.60	3.58			0.16										3.74
Orach et al., 2007	Uganda	FP - Oral pills	Health centre II	Public	82.56	53.02	175.71	1105.60	3.15			0.16										3.31
Ilboudo et al., 2016	Burkina Faso	Incomplete abortion	Hospital	Public	96.11	132.26	153.62	203.13	0.77		15.43						11.44					27.64
Prada et al., 2013	Colombia	Legal abortion	Clinic	Private	90.07	69.31	119.19	1,344.14	65.35		8.73											74.08
Prada et al., 2013	Colombia	Legal abortion	Hospital (Secondary)	Public	90.07	69.31	119.19	1,344.14	328.47		27.44											355.91
Prada et al., 2013	Colombia	Legal abortion	Hospital (Tertiary)	Public	90.07	69.31	119.19	1,344.14	288.91		26.19											315.11
Lince-Deroche et al., 2017	South Africa	Manual Vacuum Aspiration	Hospital	Public	104.79	132.17	162.68	6.37	48.27	10.09	1.83	20.65										80.84
Parmar et al., 2017	Zambia	Manual Vacuum Aspiration	Hospital	Public	101.76	130.45	221.33	4.14	14.59				3.89	11.8	20.87	6.74						57.88
Lince-Deroche et al., 2017	South Africa	Medical abortion	Hospital	Public	104.79	132.17	162.68	6.37	36.67	5.68	18.59	11.29			1.17							73.4
Parmar et al., 2017	Zambia	Medical abortion	Hospital	Public	101.76	130.45	221.33	4.14	16.97				13.99	11.68								42.64
Vlassoff et al., 2014	Uganda	PAC	Regional hospital	Public	96.11	102.15	175.71	1,105.60	26.18				48.49				271.07	33.66				379.4
Vlassoff et al., 2014	Uganda	PAC	District hospital	Mixed	96.11	102.15	175.71	1,105.60	25.68				34.59				169.22	27.13				256.62
Vlassoff et al., 2014	Uganda	PAC	Health centre	Public	96.11	102.15	175.71	1,105.60	16.99				25.62				95.41	34.06				172.09
Vlassoff et al., 2015	Rwanda	PAC	Referral hospital	Public	96.11	81.43	117.43	305.99	40.39				76.42				104.63	91.06				312.5
Vlassoff et al., 2015	Rwanda	PAC	District hospital	Public/Private	96.11	81.43	117.43	305.99	33.49				42.72				4.56	39.89				120.66
Vlassoff et al., 2015	Rwanda	PAC	Health centre	Public	96.11	81.43	117.43	305.99	7.77				20.16				21.52	47.63				97.09

Vlassoff et al., 2015	Rwanda	PAC	Clinic	Private	96.11	81.43	117.43	305.99	77.01					26.11				9.62	36.24					148.98
Ilboudo et al., 2016	Burkina Faso	PAC with vagina laceration	Hospital	Public	96.11	132.26	153.62	203.13	0.77			38.34							14.8					53.9
Vlassoff et al., 2012	Ethiopia	PAC with vagina laceration	Mixed	Public/Private	94.29	36.75	142.53	10.97	205.73			74.76												292.67
Prada et al., 2013	Colombia	PAC with vagina laceration	Hospital (Secondary)	Public	90.07	69.31	119.19	1,344.14	290.63			29.94												320.57
Prada et al., 2013	Colombia	PAC with vagina laceration	Hospital (Tertiary)	Public	90.07	69.31	119.19	1,344.14	297.51			67.36												364.87
Ilboudo et al., 2016	Burkina Faso	PAC with haemorrhage	Hospital	Public	96.11	132.26	153.62	203.13	0.69			20.62							9.37					30.68
Parmar et al., 2017	Zambia	PAC with incomplete abortion	Hospital	Public	101.76	130.45	221.33	4.14	13.34					10.75	3.35	8.7	12.57							48.71
Prada et al., 2013	Colombia	PAC with incomplete abortion	Clinic	Private	90.07	69.31	119.19	1,344.14	65.35			8.73												74.08
Prada et al., 2013	Colombia	PAC with incomplete abortion	Hospital (Secondary)	Public	90.07	69.31	119.19	1,344.14	137.58			23.7												161.28
Prada et al., 2013	Colombia	PAC with incomplete abortion	Hospital (Tertiary)	Public	90.07	69.31	119.19	1,344.14	118.66			22.45												141.11
Parmar et al., 2017	Zambia	PAC with sepsis	Hospital	Public	101.76	130.45	221.33	4.14	29.34					5.4	33.06	24.35	53.9							146.04
Ilboudo et al., 2016	Burkina Faso	PAC with sepsis	Hospital	Public	96.11	132.26	153.62	203.13	3.05			50.34							45.73					99.13
Vlassoff et al., 2012	Ethiopia	PAC with sepsis	Mixed	Public/Private	94.29	36.75	142.53	10.97	83.7			20.63												104.35
Prada et al., 2013	Colombia	PAC with sepsis	Hospital (Secondary)	Public	90.07	69.31	119.19	1,344.14	464.33			77.34												541.66
Prada et al., 2013	Colombia	PAC with sepsis	Hospital (Tertiary)	Public	90.07	69.31	119.19	1,344.14	553.75			109.77												663.52
Parmar et al., 2017	Zambia	PAC with shock	Hospital	Public	101.76	130.45	221.33	4.14	33.41					23.08	5.38	148.25	49.41							259.52
Ilboudo et al., 2016	Burkina Faso	PAC with shock	Hospital	Public	96.11	132.26	153.62	203.13	1.37			24.31							14.8					40.48
Vlassoff et al., 2012	Ethiopia	PAC with shock	Mixed	Public/Private	94.29	36.75	142.53	10.97	71.45			23.93												95.37
Prada et al., 2013	Colombia	PAC with shock	Hospital (Secondary)	Public	90.07	69.31	119.19	1,344.14	345.66			341.78												687.44
Prada et al., 2013	Colombia	PAC with shock	Hospital (Tertiary)	Public	90.07	69.31	119.19	1,344.14	409.29			455.29												864.58

Vlassoff et al., 2012	Ethiopia	PAC with uterine evacuation	Mixed	Public/Private	94.29	36.75	142.53	10.97	25.13		19.26												44.4
Ilboudo et al., 2016	Burkina Faso	PAC with uterus laceration	Hospital	Public	96.11	132.26	153.62	203.13	1.93		26.24						57.67						85.84
Vlassoff et al., 2012	Ethiopia	PAC with uterus laceration	Mixed	Public/Private	94.29	36.75	142.53	10.97	274.31		99.67											16.25	390.23
Prada et al., 2013	Colombia	PAC with uterus laceration	Hospital (Secondary)	Public	90.07	69.31	119.19	1,344.14	742.92		114.76												857.68
Prada et al., 2013	Colombia	PAC with uterus laceration	Hospital (Tertiary)	Public	90.07	69.31	119.19	1,344.14	1019.8		279.41												1299.21

All costs are presented in US\$
U.S. GDP deflator (Base year): 112.34