

The current landscape of research on World Health Assembly targets in West Africa

Search syntax for drivers of malnutrition in the West African (WA) region:
The International Bibliography of the Social Sciences (IBSS)

Conducted April 5, 2018

Immediate drivers

Table 1. Immediate drivers of malnutrition – children in WA region

Date	2018/04/05 ¹	Database	IBSS
Search n°	Syntax		Notes
# 1	“West Africa*” OR Benin OR Beninese OR Beninois OR “Burkina Faso”OR Burkinabé OR “Cape Verde” OR “Cabo Verde” OR “Cabo Verdean” OR “Cote d’Ivoire” OR “Ivory Coast” OR Ivorian OR Gambia OR Gambian OR Ghana OR Ghanaian OR Guinea OR Guinée OR Guinean OR “Guinea-Bissau” OR “Guinée-Bissau” OR Liberia OR Liberian OR Mali OR Malian OR Niger OR Nigerien OR Nigeria OR Nigerian OR Senegal OR Senegalese OR “Sierra Leone” OR “Sierra Leonean” OR Togo OR Togolese		All WA Region Terms
# 2	child OR children OR baby OR toddler OR preschool OR “under 5 years” OR “under five years” OR girl OR boy OR infant OR neonate OR neonatal OR newborn OR enfant OR bébé		Child population Terms
# 3	micronutrient OR micronutrients OR dietary OR deficiency OR “diet quality” OR “dietary intake” OR “food scarcity” OR “food shortage” OR “excessive consumption” OR disease OR morbidity OR “physical activity”		Immediate drivers Terms
# 4	#1 AND #2 AND #3		
# 5	Stunting OR stunted OR Wasting OR wasted OR “low birth weight” OR anemia OR anaemia OR malnutrition OR undernutrition OR overweight OR obesity OR obese OR hunger OR emaciation OR marasmus OR “moderate acute malnutrition” OR “severe acute malnutrition” OR “global acute malnutrition” OR “nutritional status” OR thin OR malnourish OR undernourished		Nutrition terms
#6	#4 AND #6		
# 7	ABS(#1) AND ABS(#3) AND ALL(#2) AND ALL(#5)		
# 8	#7 and filters: language English and French Peer-reviewed Date: before 2018/04/01		
# 9	Internal duplicates removed		Final Number to Screen

¹ Date format yyyy/mm/dd

Table 2. Immediate drivers of malnutrition – Women in WA region

Date	2018/04/05	Database	IBSS
<i>Search n°</i>	<i>Syntax</i>		<i>Notes</i>
# 1	“West Africa*” OR Benin OR Beninese OR Beninois OR “Burkina Faso”OR Burkinabé OR “Cape Verde” OR “Cabo Verde” OR “Cabo Verdean” OR “Cote d’Ivoire” OR “Ivory Coast” OR Ivorian OR Gambia OR Gambian OR Ghana OR Ghanaian OR Guinea OR Guinée OR Guinean OR “Guinea-Bissau” OR “Guinée-Bissau” OR Liberia OR Liberian OR Mali OR Malian OR Niger OR Nigerien OR Nigeria OR Nigerian OR Senegal OR Senegalese OR “Sierra Leone” OR “Sierra Leonean” OR Togo OR Togolese		All WA Region Terms
# 2	women OR women OR girls OR female OR females OR maternal OR mothers OR pregnant OR “non-pregnant”		Female population Terms
# 3	micronutrient OR micronutrients OR dietary OR deficiency OR “diet quality” OR “dietary intake” OR “food scarcity” OR “food shortage” OR “excessive consumption” OR disease OR morbidity OR “physical activity”		Immediate drivers Terms
# 4	#1 AND #2 AND #3		
# 5	anemia OR anaemia OR malnutrition OR undernutrition OR overweight OR obesity OR obese OR BMI OR hunger OR emaciation OR “nutritional status” OR thin OR malnourish* OR undernourished OR nutrition OR “mid-upper arm circumference” OR MUAC		Nutrition terms
#6	#4 AND #6		
# 7	ABS(#1) AND ABS(#3) AND ALL(#2) AND ALL(#5)		
# 8	#7 and filters: language English and French Peer-reviewed Date: before 2018/04/01		
# 9	Internal duplicates removed		Final Number to Screen

Underlying drivers

Table 3. Underlying drivers of malnutrition – Child population in WA Region

Date	2018/04/05	Database		IBSS	
Search n°	Syntax			Notes	
# 1	“West Africa*” OR Benin OR Beninese OR Beninois OR “Burkina Faso”OR Burkinabé OR “Cape Verde” OR “Cabo Verde” OR “Cabo Verdean” OR “Cote d’Ivoire” OR “Ivory Coast” OR Ivorian OR Gambia OR Gambian OR Ghana OR Ghanaian OR Guinea OR Guinée OR Guinean OR “Guinea-Bissau” OR “Guinée-Bissau” OR Liberia OR Liberian OR Mali OR Malian OR Niger OR Nigerien OR Nigeria OR Nigerian OR Senegal OR Senegalese OR “Sierra Leone” OR “Sierra Leonean” OR Togo OR Togolese			All WA Region Terms	
# 2	child OR children OR baby OR toddler OR preschool OR “under 5 years” OR “under five years” OR girl OR boy OR infant OR neonate OR neonatal OR newborn OR enfant OR bébé			Child population Terms	
# 3	food OR diet OR “food security” OR “food insecurity” OR “agricultural production” OR breastfeeding OR “complementary feeding” OR “care practices” OR “infant feeding” OR “infant and young child feeding” OR IYCF OR lactation OR weaning OR WASH OR sanitation OR “safe water” OR shelter OR healthcare OR “health system” OR “health infrastructure” OR gender OR “female education” OR equality OR empowerment			Underlying drivers Terms	
# 4	#1 AND #2 AND #3				
# 5	stunting OR stunted OR wasting OR wasted OR “low birth weight” OR anemia OR anaemia OR malnutrition OR undernutrition OR overweight OR obesity OR obese OR hunger OR emaciation OR marasmus OR “moderate acute malnutrition” OR “severe acute malnutrition” OR “global acute malnutrition” OR “nutritional status” OR thin OR malnourish OR undernourished			Nutrition terms	
#6	#4 AND #6				
# 7	ABS(#1) AND ABS(#3) AND ALL(#2) AND ALL(#5)				
# 8	#7 and filters: language English and French Peer-reviewed Date: before 2018/04/01				
# 9	Internal duplicates removed			Final Number to Screen	

Table 4. Underlying drivers of malnutrition – Women population in WA Region

Date	2018/04/05	Database		IBSS	
<i>Search n°</i>	<i>Syntax</i>			<i>Notes</i>	
# 1	“West Africa*” OR Benin OR Beninese OR Beninois OR “Burkina Faso”OR Burkinabé OR “Cape Verde” OR “Cabo Verde” OR “Cabo Verdean” OR “Cote d’Ivoire” OR “Ivory Coast” OR Ivorian OR Gambia OR Gambian OR Ghana OR Ghanaian OR Guinea OR Guinée OR Guinean OR “Guinea-Bissau” OR “Guinée-Bissau” OR Liberia OR Liberian OR Mali OR Malian OR Niger OR Nigerien OR Nigeria OR Nigerian OR Senegal OR Senegalese OR “Sierra Leone” OR “Sierra Leonean” OR Togo OR Togolese			All WA Region Terms	
# 2	women OR women OR girls OR female OR females OR maternal OR mothers OR pregnant OR “non-pregnant”			Female population Terms	
# 3	food OR diet OR “food security” OR “food insecurity” OR “agricultural production” OR breastfeeding OR “complementary feeding” OR “care practices” OR “Infant feeding” OR “Infant and young child feeding” OR IYCF OR Lactation OR weaning OR WASH OR sanitation OR “safe water” OR shelter OR healthcare OR “health system” OR “health infrastructure” OR gender OR “female education” OR equality OR empowerment			Underlying drivers Terms	
# 4	#1 AND #2 AND #3				
# 5	anemia OR anaemia OR malnutrition OR undernutrition OR overweight OR obesity OR obese OR BMI OR hunger OR emaciation OR “nutritional status” OR thin OR malnourish* OR undernourished OR nutrition OR “mid-upper arm circumference” OR MUAC			Nutrition terms	
#6	#4 AND #6				
# 7	ABS(#1) AND ABS(#3) AND ALL(#2) AND ALL(#5)				
# 8	#7 and filters: language English and French Peer-reviewed Date: before 2018/04/01				
# 9	Internal duplicates removed			Final Number to Screen	

Basic drivers

Table 5. Basic drivers of malnutrition – Child population in WA Region

Date	2018/04/05	Database		IBSS	
Search n°	Syntax			Notes	
# 1	“West Africa*” OR Benin OR Beninese OR Beninois OR “Burkina Faso”OR Burkinabé OR “Cape Verde” OR “Cabo Verde” OR “Cabo Verdean” OR “Cote d’Ivoire” OR “Ivory Coast” OR Ivorian OR Gambia OR Gambian OR Ghana OR Ghanaian OR Guinea OR Guinée OR Guinean OR “Guinea-Bissau” OR “Guinée-Bissau” OR Liberia OR Liberian OR Mali OR Malian OR Niger OR Nigerien OR Nigeria OR Nigerian OR Senegal OR Senegalese OR “Sierra Leone” OR “Sierra Leonean” OR Togo OR Togolese			All WA Region Terms	
# 2	child OR children OR baby OR toddler OR preschool OR “under 5 years” OR “under five years” OR girl OR boy OR infant OR neonate OR neonatal OR newborn OR enfant OR bébé			Child population Terms	
# 3	poverty OR “socioeconomic status” OR “socio-economic status” OR income OR wealth OR inequality OR “enabling environment” OR “capacity” OR “capacity building” OR resource* OR “resource mobilization” OR financ* OR budget* OR politic* OR governance OR corruption OR leadership OR policy OR advocacy OR “agenda setting” OR Urbanization OR globalisation OR globalization OR “obesogenic environment” OR “climate change” OR vulnerability			Basic drivers Terms	
# 4	#1 AND #2 AND #3				
# 5	stunting OR stunted OR Wasting OR wasted OR "low birth weight" OR anemia OR anaemia OR malnutrition OR undernutrition OR overweight OR obesity OR obese OR hunger OR emaciation OR marasmus OR “moderate acute malnutrition” OR “severe acute malnutrition” OR “global acute malnutrition” OR “nutritional status” OR thin OR malnourish OR undernourished			Nutrition terms	
#6	#4 AND #6				
# 7	ABS(#1) AND ABS(#3) AND ALL(#2) AND ALL(#5)				
# 8	#7 and filters: language English and French Peer-reviewed Date: before 2018/04/01				
# 9	Internal duplicates removed			Final Number to Screen	

Table 6. Basic drivers of malnutrition – Women population in WA Region

Date	2018/04/05	Database	IBSS
<i>Search n°</i>	<i>Syntax</i>		<i>Notes</i>
# 1	“West Africa*” OR Benin OR Beninese OR Beninois OR “Burkina Faso”OR Burkinabé OR “Cape Verde” OR “Cabo Verde” OR “Cabo Verdean” OR “Cote d’Ivoire” OR “Ivory Coast” OR Ivorian OR Gambia OR Gambian OR Ghana OR Ghanaian OR Guinea OR Guinée OR Guinean OR “Guinea-Bissau” OR “Guinée-Bissau” OR Liberia OR Liberian OR Mali OR Malian OR Niger OR Nigerien OR Nigeria OR Nigerian OR Senegal OR Senegalese OR “Sierra Leone” OR “Sierra Leonean” OR Togo OR Togolese		All WA Region Terms
# 2	women OR women OR girls OR female OR females OR maternal OR mothers OR pregnant OR “non-pregnant”		Female population Terms
# 3	poverty OR “socioeconomic status” OR “socio-economic status” OR income OR wealth OR inequality OR “enabling environment” OR “capacity” OR “capacity building” OR resource* OR “resource mobilization” OR financ* OR budget* OR politic* OR governance OR corruption OR leadership OR policy OR advocacy OR “agenda setting” OR urbanization OR globalisation OR globalization OR “obesogenic environment” OR “climate change” OR vulnerability		Basic drivers Terms
# 4	#1 AND #2 AND #3		
# 5	anemia OR anaemia OR malnutrition OR undernutrition OR overweight OR obesity OR obese OR BMI OR hunger OR emaciation OR “nutritional status” OR thin OR malnourish* OR undernourished OR nutrition OR “mid-upper arm circumference” OR MUAC		Nutrition terms
#6	#4 AND #6		
# 7	ABS(#1) AND ABS(#3) AND ALL(#2) AND ALL(#5)		
# 8	#7 and filters: language English and French Peer-reviewed Date: Before 2018/04/01		
# 9	Internal duplicates removed		Final Number to Screen

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