

# Package: reportIMPACT (via r-universe)

September 1, 2024

**Title** IMPACT outputs R package for IMPACT version 3.x

**Version** 4.17.0

**Description** Common output routines for extracting results from the IMPACT framework (versions 3.x).

**License** GPL (>= 3)

**Encoding** UTF-8

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**Remotes** github::IFPRI/DOORMAT, github::pik-piam/magclass

**Suggests** reportIMPACT (>= 4.9.0)

**Additional\_repositories** <https://ifpri.github.io/drat>

**Repository** <https://ifpri.r-universe.dev>

**RemoteUrl** <https://github.com/IFPRI/reportIMPACT>

**RemoteRef** HEAD

**RemoteSha** 9d1015f408722d8a75b1f0cce51fc107b9ea9601

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---

animals	<i>animals</i>
---------	----------------

---

### Description

animals

### Usage

animals(gdx, ...)

### Arguments

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

### Value

GLO animals

### Author(s)

Abhijeet Mishra

### Examples

```
## Not run: x <- animals(gdx)
```

---

biofuelFeedstock	<i>biofuelFeedstock</i>
------------------	-------------------------

---

**Description**

biofuelFeedstock

**Usage**

```
biofuelFeedstock(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO biofuelFeedstock

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- biofuelFeedstock(gdx)
```

---

calcRelative	<i>Calculate relative change for IMPACT indicators</i>
--------------	--

---

**Description**

Calculate relative change for IMPACT indicators

**Usage**

```
calcRelative(
  df,
  base_year = 2005,
  cols = c("description", "model", "indicator", "region", "unit"),
  type = "same_unit"
)
```

**Arguments**

df	Full IMAPCT result for an indicator
base_year	base year on which the relative indicator is calculated
cols	columns which are used for relative index calculation
type	If relative index is calculate in same unit ('same_unit') or as an index on base year ('index')

**Value**

Recalculate dataframe with relative calculation

**Examples**

```
## Not run: x <- calcRelative(df=reportPopulation(gdx))
```

---

clean_description	<i>clean_description</i>
-------------------	--------------------------

---

**Description**

clean\_description

**Usage**

```
clean_description(df)
```

**Arguments**

df	dataframe with description column
----	-----------------------------------

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- clean_description(df)
```

clean\_unit            *Clean unit*

---

**Description**

Clean unit

**Usage**

```
clean_unit(df)
```

**Arguments**

df                    dataframe with description column

**Value**

Converted units if needed

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- clean_unit(df)
```

---

consumerPrices        *Consumer Prices*

---

**Description**

Consumer Prices

**Usage**

```
consumerPrices(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO consumerPrices

*cropArea*

7

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- consumerPrices(gdx)
```

---

<i>cropArea</i>	<i>cropArea</i>
-----------------	-----------------

---

**Description**

*cropArea*

**Usage**

```
cropArea(gdx, ...)
```

**Arguments**

<i>gdx</i>	final GDX from an IMPACT run
...	Arguments to <i>aggregateIMPACT</i> call. See <i>?aggregateIMPACT</i>

**Value**

GLO *cropArea*

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- cropArea(gdx)
```

---

cropAreaAgg	<i>cropAreaAgg</i>
-------------	--------------------

---

**Description**

cropAreaAgg

**Usage**

cropAreaAgg(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO cropAreaAgg

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- cropAreaAgg(gdx)
```

---

demand	<i>Demand</i>
--------	---------------

---

**Description**

Demand

**Usage**

demand(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO Demand



**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- Demand(gdx)
```

---

DomesticExportPrices    *Domestic Export Prices*

---

**Description**

Domestic Export Prices

**Usage**

```
DomesticExportPrices(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO DomesticExportPrices

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- DomesticExportPrices(gdx)
```

---

DomesticImportPrices    *Domestic Import Prices*

---

**Description**

Domestic Import Prices

**Usage**

DomesticImportPrices(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
 ...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO DomesticImportPrices

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- DomesticImportPrices(gdx)
```

---

export                    *export*

---

**Description**

export

**Usage**

export(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
 ...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO export

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- export(gdx)
```

---

ExportShareProduction *ExportShareProduction*

---

**Description**

ExportShareProduction

**Usage**

```
ExportShareProduction(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO ExportShareProduction

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- ExportShareProduction(gdx)
```

---

foodAvailability	<i>FoodAvailability</i>
------------------	-------------------------

---

**Description**

FoodAvailability

**Usage**

foodAvailability(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO FoodAvailability

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- foodAvailability(gdx)
```

---

GDP	<i>GDP</i>
-----	------------

---

**Description**

GDP

**Usage**

GDP(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO GDP

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- GDP(gdx)
```

---

getReport

*getReport*

---

**Description**

getReport

**Usage**

```
getReport(  
  gdx,  
  additional_indicators = FALSE,  
  prep_flag = NULL,  
  export = TRUE,  
  base_year = NULL,  
  sp_mapping = "Standard-IMPACT_dis1",  
  relative_calc = FALSE  
)
```

**Arguments**

gdx	final GDX from an IMPACT run
additional_indicators	If non-core indicators should be read.
prep_flag	Who processed data. Defaults to user name from the computer where this script is run.
export	if RDS file should be written. Defaults to TRUE
base_year	Base year on which relative index can be calculated. Default 2005.
sp_mapping	Which mapping to use. See mapping file in DOORMAT package.
relative_calc	If relative calculations should be done

**Value**

Full data output

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- getReport(gdx)
```

---

householdDemand	<i>householdDemand</i>
-----------------	------------------------

---

**Description**

householdDemand

**Usage**

```
householdDemand(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO householdDemand

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- householdDemand(gdx)
```

---

householdIncome	<i>householdIncome</i>
-----------------	------------------------

---

**Description**

householdIncome

**Usage**

```
householdIncome(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO householdIncome

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- householdIncome(gdx)
```

---

householdPopulation    *householdPopulation*

---

**Description**

householdPopulation

**Usage**

```
householdPopulation(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO householdPopulation

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- householdPopulation(gdx)
```

---

hungerRisk	<i>hungerRisk</i>
------------	-------------------

---

**Description**

hungerRisk

**Usage**

hungerRisk(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO hungerRisk

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- hungerRisk(gdx)
```

---

import	<i>import</i>
--------	---------------

---

**Description**

import

**Usage**

import(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO import



**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- import(gdx)
```

---

ImportShareDemand      *ImportShareDemand*

---

**Description**

ImportShareDemand

**Usage**

```
ImportShareDemand(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO ImportShareDemand

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- ImportShareDemand(gdx)
```

---

intermediateDemand	<i>Intermediate Demand</i>
--------------------	----------------------------

---

**Description**

Intermediate Demand

**Usage**

```
intermediateDemand(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO other Demand

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- intermediateDemand(gdx)
```

---

levelSum	<i>Level based summing</i>
----------	----------------------------

---

**Description**

Level based summing

**Usage**

```
levelSum(  
  df,  
  dim_name = NULL,  
  spatial = "region",  
  temporal = "yrs",  
  na.rm = TRUE,  
  bind = TRUE  
)
```

**Arguments**

<code>df</code>	A dataframe which comes out of <code>aggregateIMPACT</code> function call
<code>dim_name</code>	The column to be summed over. Usually "long_name"
<code>spatial</code>	Which column contains spatial info. Defaults to "region"
<code>temporal</code>	Which column contains temporal info. Defaults to "yrs"
<code>na.rm</code>	If NAs should be ignored during sum. Defaults to TRUE
<code>bind</code>	If new aggregation should be binded to the original dataframe passed on to "df" argument

**Value**

Aggregated dataframe

**Examples**

```
## Not run: x <- levelSum(df)
```

---

IsfDemand

*IsfDemand*

---

**Description**

IsfDemand

**Usage**

```
IsfDemand(gdx, ...)
```

**Arguments**

<code>gdx</code>	final GDX from an IMPACT run
<code>...</code>	Arguments to <code>aggregateIMPACT</code> call. See <code>?aggregateIMPACT</code>

**Value**

GLO IsfDemand

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- IsfDemand(gdx)
```

---

malnourished	<i>Malnourished</i>
--------------	---------------------

---

**Description**

Malnourished

**Usage**

```
malnourished(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO malnourished

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- malnourished(gdx)
```

---

name_cleaner	<i>Name Cleaner</i>
--------------	---------------------

---

**Description**

Name Cleaner

**Usage**

```
name_cleaner(df, fix_only_na = FALSE)
```

**Arguments**

df	placeholder dataframe for cleanup
fix_only_na	if only NA as character in cols should be fixed

**Value**

cleaned dataframe with right names

**Examples**

```
## Not run: x <- name_cleaner(df)
```

---

NetPrices	<i>Net Prices</i>
-----------	-------------------

---

**Description**

Net Prices

**Usage**

```
NetPrices(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO NetPrices

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- NetPrices(gdx)
```

---

netTrade	<i>netTrade</i>
----------	-----------------

---

**Description**

netTrade

**Usage**

```
netTrade(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO netExport

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- netExport(gdx)
```

---

NetTradeShareDemand    *NetTradeShareDemand*

---

**Description**

NetTradeShareDemand

**Usage**

```
NetTradeShareDemand(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO NetTradeShareDemand

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- NetTradeShareDemand(gdx)
```

---

NetTradeShareProduction  
*NetTradeShareProduction*

---

**Description**

NetTradeShareProduction

**Usage**

NetTradeShareProduction(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO NetTradeShareProduction

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- NetTradeShareProduction(gdx)
```

---

otherDemand	<i>Other Demand</i>
-------------	---------------------

---

**Description**

Other Demand

**Usage**

otherDemand(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO other Demand

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- otherDemand(gdx)
```

---

percapGDP

*percapGDP*

---

**Description**

percapGDP

**Usage**

```
percapGDP(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO percapGDP

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- percapGDP(gdx)
```



---

PerCapKCal                    *KCal per Capita*

---

**Description**

KCal per Capita

**Usage**

PerCapKCal(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

Per capita KCal availability

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- PerCapKCal(gdx)
```

---

PerCapKCalCommodity        *KCal per Capita per Commodity*

---

**Description**

KCal per Capita per Commodity

**Usage**

PerCapKCalCommodity(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

Per capita KCal availability

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- PerCapKCalCommodity(gdx)
```

---

population

*Population*

---

**Description**

Population

**Usage**

```
population(gdx, ...)
```

**Arguments**

gdx            final GDX from an IMPACT run  
...            Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- population(gdx)
```

---

producerPrices	<i>Producer Prices</i>
----------------	------------------------

---

**Description**

Producer Prices

**Usage**

```
producerPrices(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO producerPrices

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- producerPrices(gdx)
```

---

production	<i>Production</i>
------------	-------------------

---

**Description**

Production

**Usage**

```
production(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO Production

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- Production(gdx)
```

---

reportAnimals	<i>reportAnimals</i>
---------------	----------------------

---

**Description**

reportAnimals

**Usage**

```
reportAnimals(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO Animals

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportAnimals(gdx)
```

---

```
reportBiofuelFeedstock  
    reportBiofuelFeedstock
```

---

**Description**

reportBiofuelFeedstock

**Usage**

```
reportBiofuelFeedstock(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO BiofuelFeedstock

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportBiofuelFeedstock(gdx)
```

---

```
reportConsumerPrices    reportConsumerPrices
```

---

**Description**

reportConsumerPrices

**Usage**

```
reportConsumerPrices(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO CropArea

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportConsumerPrices(gdx)
```

---

reportCropArea	<i>reportCropArea</i>
----------------	-----------------------

---

**Description**

reportCropArea

**Usage**

```
reportCropArea(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO CropArea

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportCropArea(gdx)
```

---

reportDemand	<i>reportDemand</i>
--------------	---------------------

---

**Description**

reportDemand

**Usage**

reportDemand(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportDemand(gdx)
```

---

reportDomesticExportPrices	<i>reportDomesticExportPrices</i>
----------------------------	-----------------------------------

---

**Description**

reportDomesticExportPrices

**Usage**

reportDomesticExportPrices(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO CropArea

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportDomesticExportPrices(gdx)
```

---

```
reportDomesticImportPrices  
                          reportDomesticImportPrices
```

---

**Description**

reportDomesticImportPrices

**Usage**

```
reportDomesticImportPrices(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO CropArea

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportDomesticImportPrices(gdx)
```



---

reportExport	<i>reportExport</i>
--------------	---------------------

---

**Description**

reportExport

**Usage**

reportExport(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO export

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportexport(gdx)
```

---

reportExportShareProduction	<i>reportExportShareProduction</i>
-----------------------------	------------------------------------

---

**Description**

reportExportShareProduction

**Usage**

reportExportShareProduction(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportExportShareProduction(gdx)
```

---

reportFoodAvailability

*reportFoodAvailability*

---

**Description**

reportFoodAvailability

**Usage**

```
reportFoodAvailability(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO FoodAvailability

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportFoodAvailability(gdx)
```

---

reportGDP	<i>reportGDP</i>
-----------	------------------

---

**Description**

reportGDP

**Usage**

reportGDP(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportGDP(gdx)
```

---

reportHouseholdDemand	<i>reportHouseholdDemand</i>
-----------------------	------------------------------

---

**Description**

reportHouseholdDemand

**Usage**

reportHouseholdDemand(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportHouseholdDemand(gdx)
```

---

`reportHouseholdIncome` *reportHouseholdIncome*

---

**Description**

`reportHouseholdIncome`

**Usage**

```
reportHouseholdIncome(gdx, ...)
```

**Arguments**

<code>gdx</code>	final GDX from an IMPACT run
<code>...</code>	Arguments to <code>aggregateIMPACT</code> call. See <code>?aggregateIMPACT</code>

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportHouseholdIncome(gdx)
```

---

reportHouseholdPopulation  
*reportHouseholdPopulation*

---

**Description**

reportHouseholdPopulation

**Usage**

reportHouseholdPopulation(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportHouseholdPopulation(gdx)
```

---

reportHungerRisk        *reportHungerRisk*

---

**Description**

reportHungerRisk

**Usage**

reportHungerRisk(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportHungerRisk(gdx)
```

---

reportImport

*reportImport*

---

**Description**

reportImport

**Usage**

```
reportImport(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO export

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportImport(gdx)
```

---

reportImportShareDemand  
*reportImportShareDemand*

---

**Description**

reportImportShareDemand

**Usage**

reportImportShareDemand(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportImportShareDemand(gdx)
```

---

reportIntermediateDemand  
*reportIntermediateDemand*

---

**Description**

reportIntermediateDemand

**Usage**

reportIntermediateDemand(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportIntermediateDemand(gdx)
```

---

reportLSFDemand	<i>reportLSFDemand</i>
-----------------	------------------------

---

**Description**

reportLSFDemand

**Usage**

```
reportLSFDemand(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportLSFDemand(gdx)
```



---

reportMalnourished      *reportMalnourished*

---

**Description**

reportMalnourished

**Usage**

reportMalnourished(gdx, ...)

**Arguments**

gdx                      final GDX from an IMPACT run  
...                        Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO Malnourished

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportMalnourished(gdx)
```

---

reportNetPrices      *reportNetPrices*

---

**Description**

reportNetPrices

**Usage**

reportNetPrices(gdx, ...)

**Arguments**

gdx                      final GDX from an IMPACT run  
...                        Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

Solution Net Prices

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportNetPrices(gdx)
```

---

reportNetTrade	<i>reportNetTrade</i>
----------------	-----------------------

---

**Description**

reportNetTrade

**Usage**

```
reportNetTrade(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO NetExport

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportNetExport(gdx)
```

---

reportNetTradeShareDemand  
*reportNetTradeShareDemand*

---

**Description**

reportNetTradeShareDemand

**Usage**

reportNetTradeShareDemand(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportNetTradeShareDemand(gdx)
```

---

reportNetTradeShareProduction  
*reportNetTradeShareProduction*

---

**Description**

reportNetTradeShareProduction

**Usage**

reportNetTradeShareProduction(gdx, ...)

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportNetTradeShareProduction(gdx)
```

---

reportOtherDemand	<i>reportOtherDemand</i>
-------------------	--------------------------

---

**Description**

reportOtherDemand

**Usage**

```
reportOtherDemand(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportOtherDemand(gdx)
```

---

reportPerCapGDP	<i>reportPerCapGDP</i>
-----------------	------------------------

---

**Description**

reportPerCapGDP

**Usage**

reportPerCapGDP(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportPerCapGDP(gdx)
```

---

reportPerCapKCal	<i>reportPerCapKCal</i>
------------------	-------------------------

---

**Description**

reportPerCapKCal

**Usage**

reportPerCapKCal(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO FoodAvailability

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportPerCapKCal(gdx)
```

---

```
reportPerCapKCalCommodity  
    reportPerCapKCalCommodity
```

---

**Description**

reportPerCapKCalCommodity

**Usage**

```
reportPerCapKCalCommodity(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO FoodAvailability

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportPerCapKCalCommodity(gdx)
```

---

reportPopulation      *reportPopulation*

---

**Description**

reportPopulation

**Usage**

reportPopulation(gdx, ...)

**Arguments**

gdx                      final GDX from an IMPACT run  
...                      Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportPopulation(gdx)
```

---

reportProducerPrices      *reportProducerPrices*

---

**Description**

reportProducerPrices

**Usage**

reportProducerPrices(gdx, ...)

**Arguments**

gdx                      final GDX from an IMPACT run  
...                      Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO CropArea

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportproducerPrices(gdx)
```

---

reportProduction	<i>reportProduction</i>
------------------	-------------------------

---

**Description**

reportProduction

**Usage**

```
reportProduction(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportProduction(gdx)
```



---

```
reportSingleWorldPrices  
    reportSingleWorldPrices
```

---

**Description**

```
reportSingleWorldPrices
```

**Usage**

```
reportSingleWorldPrices(gdx, ...)
```

**Arguments**

```
gdx          final GDx from an IMPACT run  
...          Arguments to aggregateIMPACT call. See ?aggregateIMPACT
```

**Value**

```
GLO CropArea
```

**Author(s)**

```
Abhijeet Mishra
```

**Examples**

```
## Not run: x <- reportSingleWorldPrices(gdx)
```

---

```
reportSupply          reportSupply
```

---

**Description**

```
reportSupply
```

**Usage**

```
reportSupply(gdx, ...)
```

**Arguments**

```
gdx          final GDx from an IMPACT run  
...          Arguments to aggregateIMPACT call. See ?aggregateIMPACT
```

**Value**

GLO population

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportSupply(gdx)
```

---

```
reportWeightedWorldPrices  
    reportWeightedWorldPrices
```

---

**Description**

reportWeightedWorldPrices

**Usage**

```
reportWeightedWorldPrices(gdx, ...)
```

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO CropArea

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportWeightedWorldPrices(gdx)
```

---

reportYields	<i>reportYields</i>
--------------	---------------------

---

**Description**

reportYields

**Usage**

reportYields(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO Yield

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- reportYield(gdx)
```

---

singleWorldPrices	<i>Single World Prices</i>
-------------------	----------------------------

---

**Description**

Single World Prices

**Usage**

singleWorldPrices(gdx, ...)

**Arguments**

gdx	final GDX from an IMPACT run
...	Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO singleWorldPrices

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- singleWorldPrices(gdx)
```

---

supply

*Supply*

---

**Description**

Supply

**Usage**

```
supply(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO supply

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- supply(gdx)
```

---

weightedWorldPrices    *World Prices*

---

**Description**

World Prices

**Usage**

```
weightedWorldPrices(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO weightedWorldPrices

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- weightedWorldPrices(gdx)
```

---

yields                    *Yields*

---

**Description**

Yields

**Usage**

```
yields(gdx, ...)
```

**Arguments**

gdx                    final GDX from an IMPACT run  
...                    Arguments to aggregateIMPACT call. See ?aggregateIMPACT

**Value**

GLO Yields

**Author(s)**

Abhijeet Mishra

**Examples**

```
## Not run: x <- Yields(gdx)
```

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