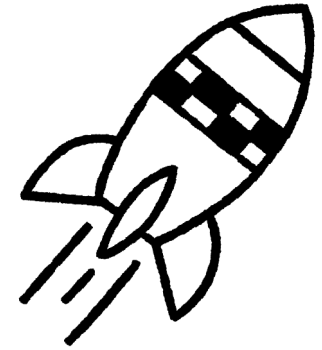


Isbedelka cimilada iyo soosaarka cuntada



Sayniska

Unit Isbedelka cimilada iyo kala-duwanaanshaha noolaha (biodiversity)

Natiijo

Waxaan sharxi karaa sida soosaarka cuntada uu u saameeyo isbedelka cimilada oo uu uga qayb qaato, iyo sida isbeddelka cuntada uu uga caawin karo xaddididda isbedelka cimilada.

Erayada muhiimka ah

kulaylka caalamiga ah (global warming)

kororka heerkulka dusha sare ee dhulka

gaasaska aqalka dhirta (greenhouse gases)

gaasaska jawiga kuwaas oo ka dhigaya inuu ka diirran yahay sidii ay ahaan lahaayeen iyaga la'aantood

bixin (emission)

siideynta gaasaska aqalka dhirta (greenhouse gases) ee jawiga

isbedelka cimilada (climate change)

isbedelka muddada dheer ee qaababka cimilada

raadka kaarboonka (carbon footprint)

wadarta guud ee gaasaska aqalka dhirta (greenhouse gases) ee hawsha sii daysa

Qaabka casharka

Isbedelka cimilada iyo soosaarka cuntada



Soosaarka cuntada iyo bixinta (emission) gaasaska aqalka dhirta (greenhouse gases)



Beddelka cuntada si loo yareeyo isbedelka cimilada

Tirada dadka dhulka ayaa ka badan 8 bilyan oo qof.

Soosaarista cunto ku filan oo loogu talagalay dhammaan dadkaasi ayaa horeba caqabad u ah.

Si kastaba ha ahaatee, heerkulka dusha sare ee dhulka ayaa sidoo kale sii kordhaya.

Kulaylka caalamiga ah wuxuu ka dhigayaa soo saarista cunto ku filan mid aad u adag.



dhulka (planet Earth)

Gaasaska aqalka dhirta lagu koriyo (greenhouse gases) ee jawiga (atmosphere) ku jira waxay ka dhigaan jawiga (atmosphere) iyo Dhulka (Earth) kuwo ka diiran sidii ay ahaan lahaayeen la'aantooda.

Tani waa saamaynta aqalka dhirta lagu koriyo (greenhouse effect).

99% saynisyahano ayaa aaminsan in bixinta (emission) gaasaska aqalka dhirta lagu koriyo (greenhouse gases) ee ka timaadda hawlgallada aadanaha ay xoojisay saamaynta aqalka dhirta lagu koriyo (greenhouse effect), taasoo keentay kulaylka caalamiga ah iyo isbeddelka cimilada.



Marka isbeddelka cimiladu sii socdo, dhacdooyinka cimilada xad-dhaafka ah waxay noqdaan kuwa soo noqnoqda.

Tani waxay ka dhigaysaa soo saarista cunto ku filan qof kasta mid aad u adag.



Meelaha qaarkood waxay la kulmi doonaan mowjado kulayl oo badan, taasoo keenta abaaraha iyo dabka duurka.



Meelaha kale waxay la kulmi doonaan duufaanno iyo roobab culus oo badan, taasoo kordhinaysa khatarta daadadka.

Run mise been?

Isbeddelka cimiladu wuxuu ka dhigan yahay in meel kasta oo aan cuntada ka soo saarno ay kululaan doonto oo engegaan doonto.



Run



Been



Sababta?

Isbeddelka cimiladu waa isbeddel muddo-dheer ah oo ku yimaada qaababka cimilada. Meelaha qaarkood way kululaan doonaan oo way engegi doonaan, laakiin meelaha kale waxay yeelan doonaan duufaanno, roobab iyo daadad soo noqnoqda.

Soo saarista cuntada lafteedu waa hawl aadanaha oo gacan ka geysata isbedelka cimilada.

Soo saarista cuntadu waxay ku lug leedahay heerar badan oo keena bixin (emission) **gaasaska aqalka dhirta lagu koriyo (greenhouse gases), oo ay ku jiraan:**

Isbeddelka
isticmaalka dhulka
(Land use change)

- kaarboon laba-ogsaydh (carbon dioxide) oo ka yimaadda xaalufinta kaynta si loo nadiifiyo dhulka beeralayda

Beeraha (Farming)

- methane ka yimaada lo'da (methane from cows)
- carbon dioxide (carbon dioxide) ka yimaada bacriminta iyo mashiinada beeraha

Quudinta xoolaha
(Feeding animals)

- carbon dioxide (carbon dioxide) ka yimaada bacriminta iyo mashiinada beeraha

Iyo sidoo kale:

Habaynta
(Processing)

- carbon dioxide (carbon dioxide) ka yimaada koronto ku soo saarista cuntada ceeriin si loo rogo alaab la cuni karo

Gaadiidka (Transport)

- carbon dioxide (carbon dioxide) ka yimaada gubista shidaalka fosil iyo koronto ku soo saarista gaadiidka cuntada

Tafaariiqda (Retail)

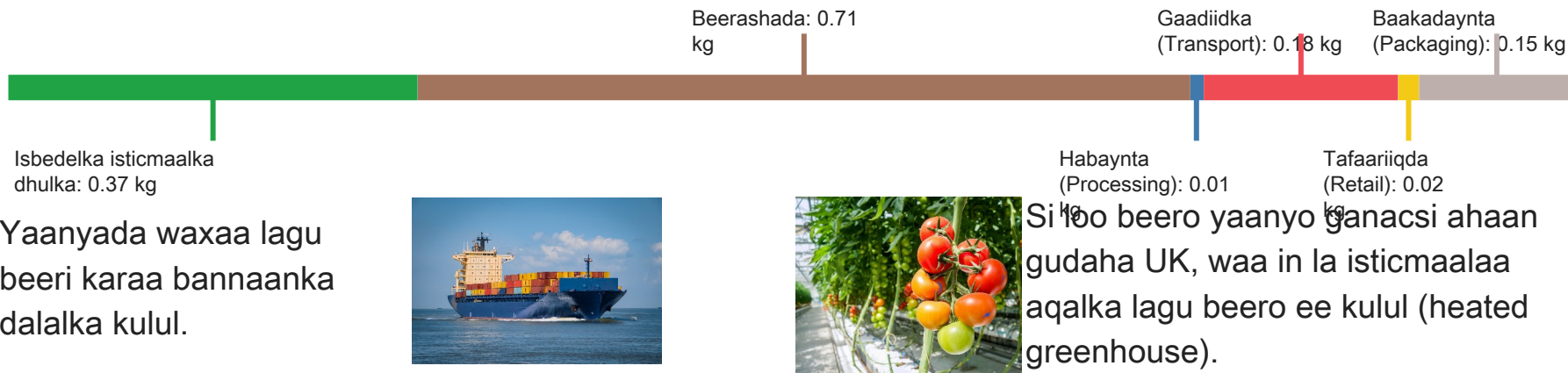
- carbon dioxide (carbon dioxide) ka yimaada koronto ku soo saarista qaboojinta iyo baahiyaha kale ee tamarta ee dukaamada

Baakadaynta
(Packaging)

- carbon dioxide (carbon dioxide) ka yimaada soo saarista iyo qashin ku tuurista agabka baakadaha cuntada

Marxaladaha kala duwan ee soo saarista cuntada waxay ku kala duwan yihiin xaddiga bixinta (emission) ee raadka kaarboonka (carbon footprint) cuntada.

Sii daynta gaasaska aqalka dhirta (greenhouse gas emissions) ee soo saarista 1 kg oo yaanyo ah waa:



Bixinta (emission) gaadiidka ee UK waa qayb yar oo ka mid ah wadarta raadka kaarboonka (carbon footprint).

Tani waxay si weyn u kordhin kartaa bixinta (emission) beerashada.

Waa maxay marxadaha soo saarista cuntada ee ku lug leh bixinta (emission) gaasaska aqalka dhirta lagu beero (greenhouse gas emissions)?

a

isbeddelka isticmaalka dhulka (land use change)



e

gaadiidka (transport)



b

beerashada (farming)



f

tafariiqda (retail)



c

quudinta xoolaha (feeding animals)



g

baakadaynta (packaging)



d

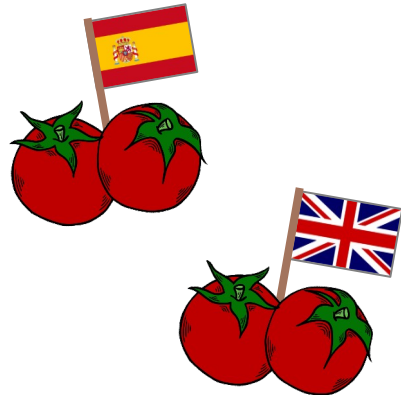
habaynta (processing)



Dukaanka weyn, eeddo Isra waxay dooran kartaa yaanyo lagu beero Spain ama UK.



Waxaan maqlay in cuntada gudaha laga soo iibsado ay tahay tan ugu fiican. Marka waxaan iibsan doonaa yaanyada lagu beero UK. Waxay yeelan doonaan bixin (emission) ka yar kuwii laga soo diray Spain qorraxda leh.



U sharax eeddo Isra sababta wadarta bixinta (emission) uga sarreyso yaanyada lagu beero UK.

U sharax eeddo Izzy sababta wadarta bixinta (emission) ay uga sarreysi karto yaanyada lagu beero UK.

Waxaa laga yaabaa inaad tidhi:

- Isbania waxay ku filan tahay kulayl si loogu beero yaanyo bannaanka.
- Gaadiidka loo keenayo UK waa qayb yar oo ka mid ah bixinta (emission).
- Yaanyada lagu beero UK waxaa laga yaabaa in lagu beero aqalka lagu koriyo ee la kululeeyo.
- Tani waxay keentaa koror weyn oo ku yimaada bixinta (emission) inta lagu jiro heerka beerashada.
- Waxaa muhiim ah in laga fikiro bixinta (emission) ee ka timaadda dhammaan heerarka wax soo saarka cuntada, ma aha oo kaliya gaadiidka.

Qaabka casharka

Isbedelka cimilada iyo wax soo saarka cuntada



Wax soo saarka cuntada iyo bixinta gaasaska aqalka dhirta (greenhouse gas emissions)



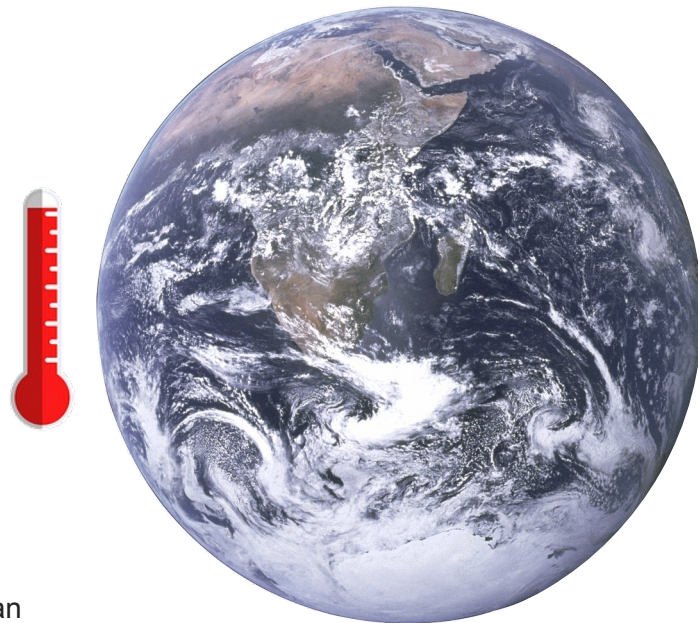
Bedelka cuntooyinka si loo yareeyo isbedelka cimilada

Si noo caawiso inaynu sii wadno soo saarista cuntada qof walba, waa inaynu xaddidnaa isbedelka cimilada.

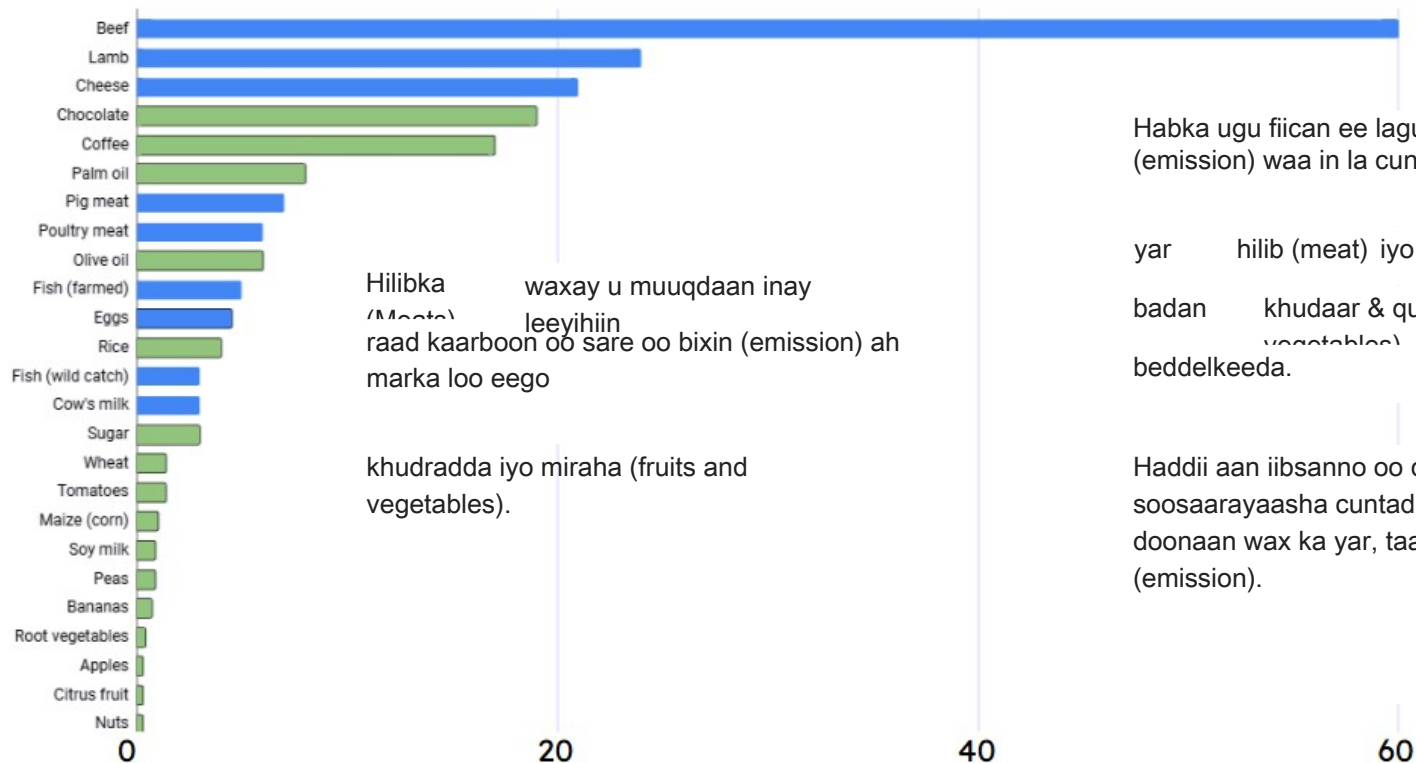
Si taas loo sameeyo, waa inaynu yareynaa bixinta (emission) gaasaska aqalka dhirta (greenhouse gases) - oo ay ku jiraan kuwa ka yimaada wax soo saarka cuntada laftiisa.

Yaraynta bixinta (emission) ee hawsha waxaa loo yaqaan decarbonisation.

Laakiin intooda badan ma aha kuwa mas'uul ka ah wax soo saarka cuntada. Maxaan qof ahaan u qaban karnaa?



Dhulka (planet Earth)



Total greenhouse gas emissions per kilogram of food (CO₂e/kg food)

Habka ugu fiican ee lagu yareeyo bixinta (emission) waa in la cuno

yar hilib (meat) iyo badan khudaar & qudaar (fruit & vegetables) beddelkeeda.

Haddii aan iibsanno oo cunno hilib (meat) yar, soosaarayaasha cuntadu waxay soo saari doonaan wax ka yar, taas oo yarayn doonta bixinta (emission).

Beddelidda cuntooyinka si loo yareeyo isbeddelka cimilada



Dhammeysti jumladaha.

Waxaad uun ka dooran kartaa ereyada:

khudaar (fruit) hilib (meat) qudaar (vegetables)

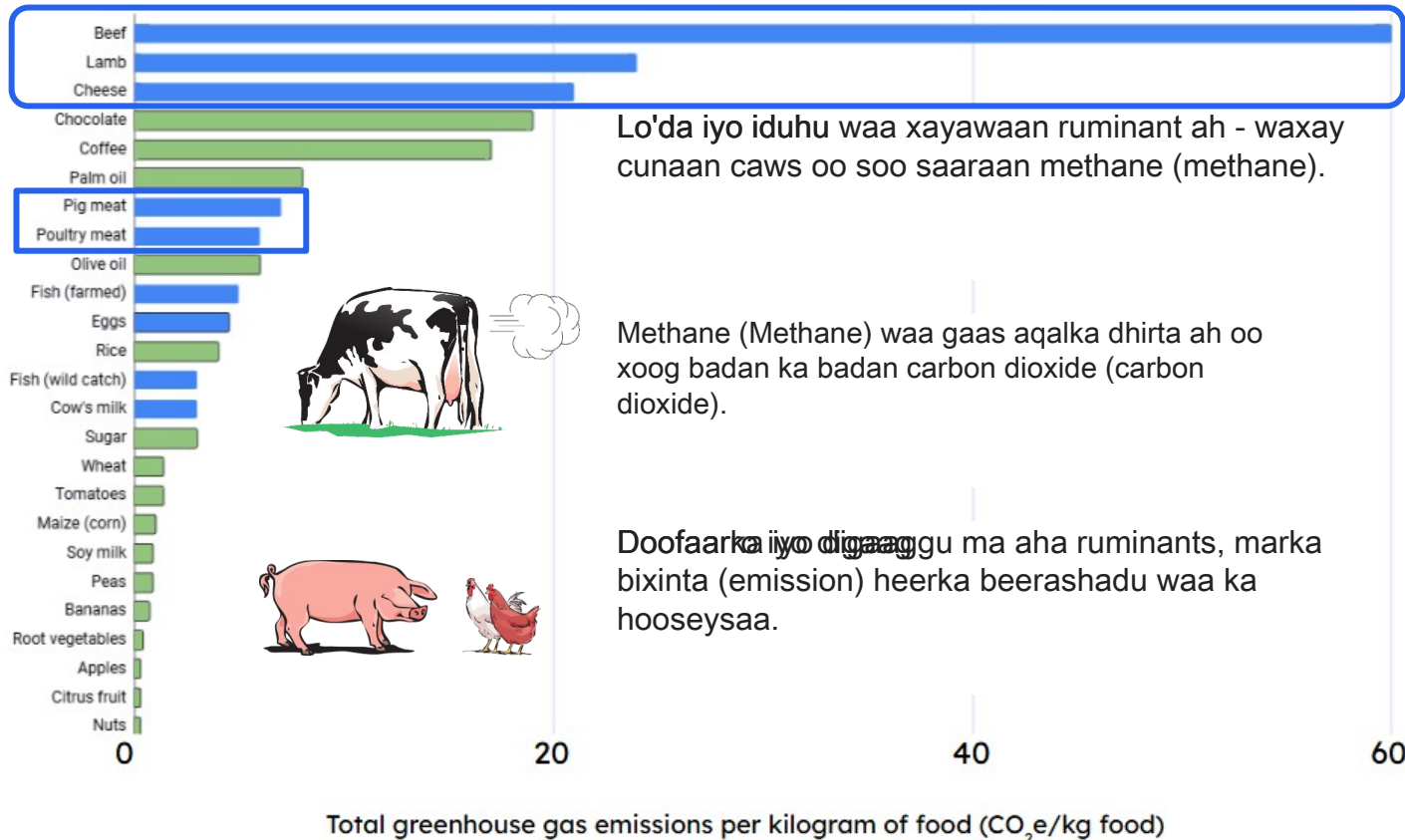
Habka ugu fiican ee lagu yareeyo bixinta (emission) gaaska aqalka dhirta ah ee ka timaadda waxaad cuntid waa in la

beddelo _____ oo la isticmaalo _____ iyo _____ .

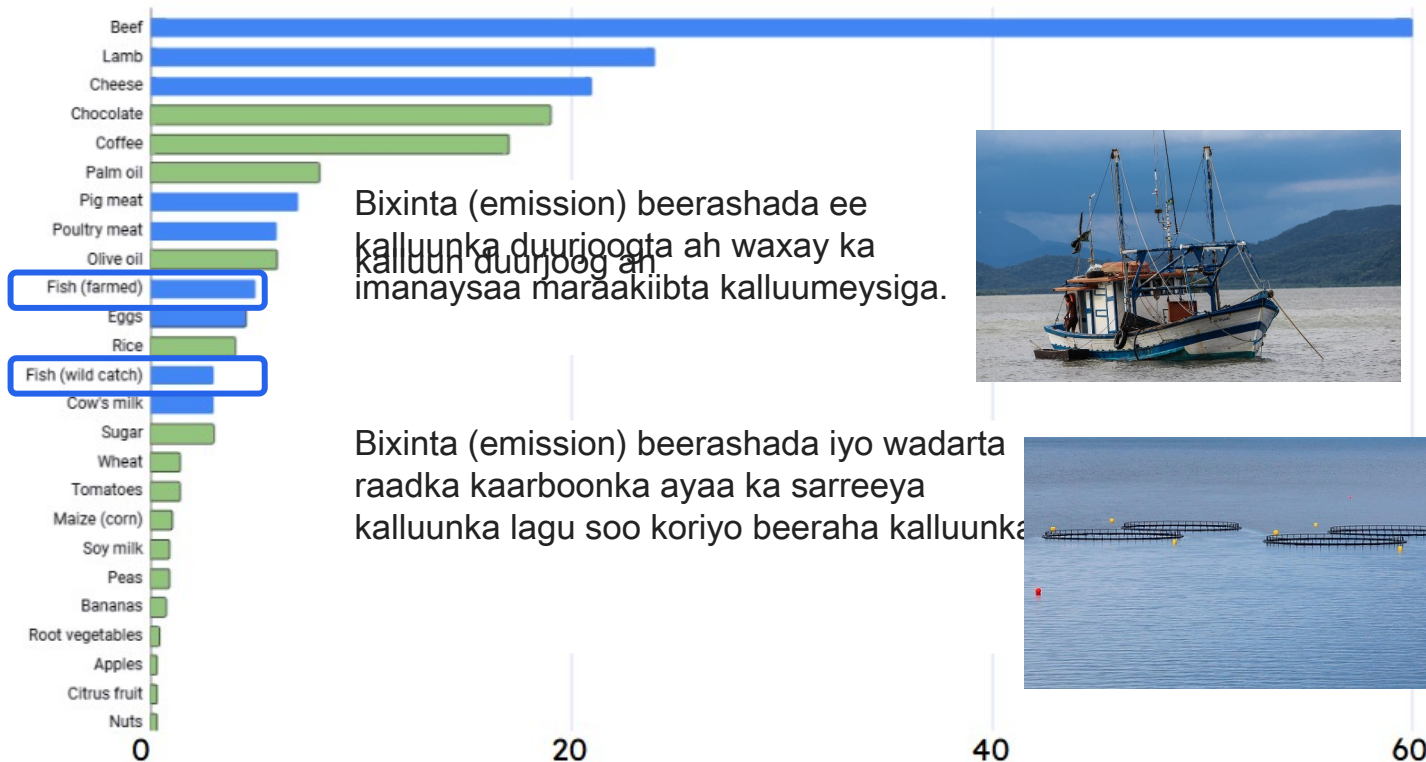
hilib
(meat)

khudaar
(fruit)

qudaar (vegetables)



Haddii aan cunno hilib (meat), waxaan samayn karnaa doorashooyin caqli-gal ah si aan u yareyno bixinta (emission).

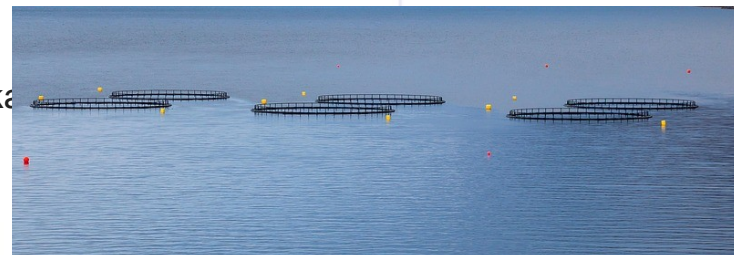


Bixinta (emission) beerashada ee kalluunka duurjoogta ah waxay ka imanaysaa maraakiibta kalluumeysiga.



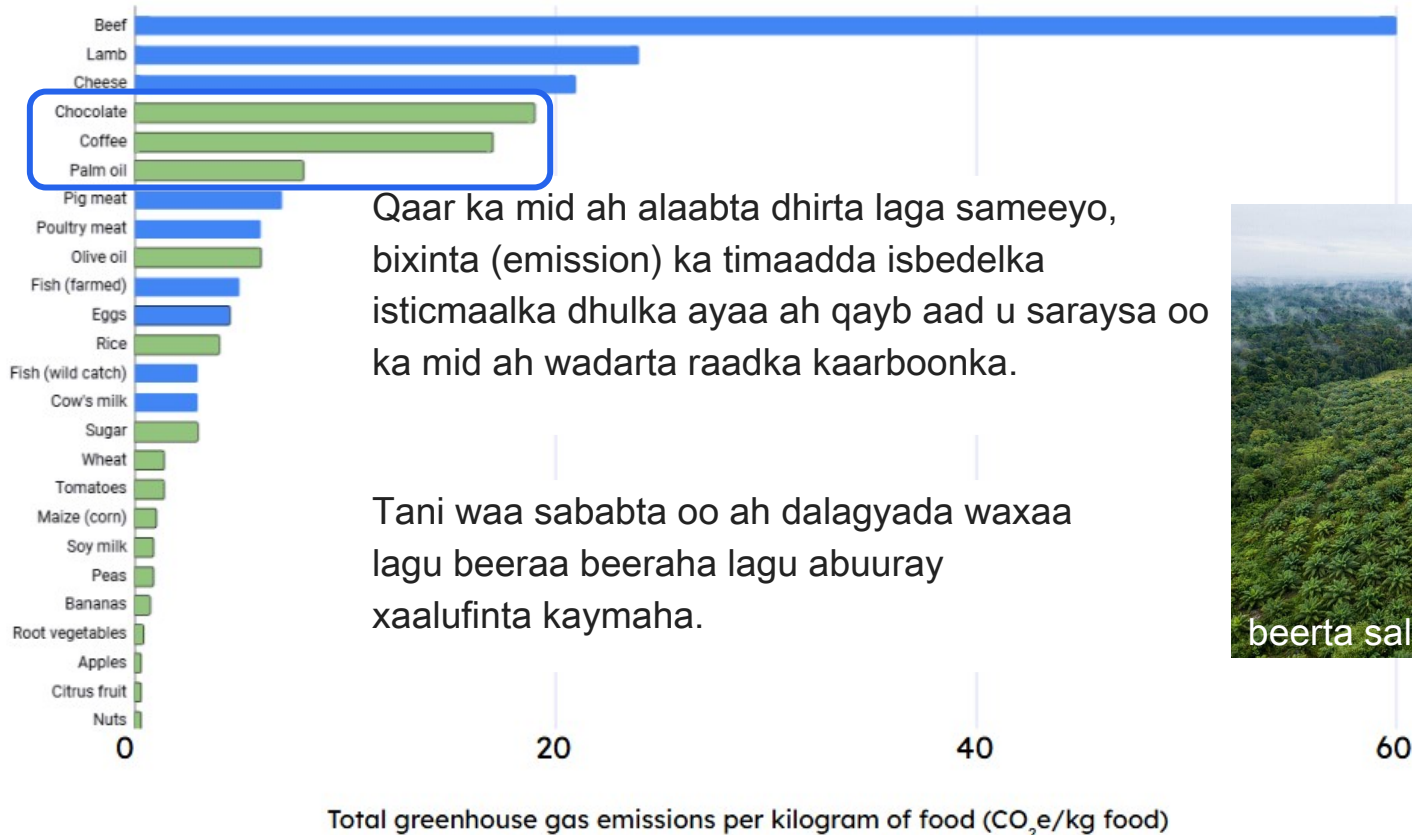
Bixinta (emission) ayaa ka hooseysa kalluunka marka loo eego hilibka kale.

Bixinta (emission) beerashada iyo wadarta raadka kaarboonka ayaa ka sarreeya kalluunka lagu soo koriyo beeraha kalluunka.



Total greenhouse gas emissions per kilogram of food (CO₂e/kg food)

Beddelka cuntooyinka si loo yareeyo isbedelka cimilada



Qaar ka mid ah alaabta dhirta laga sameeyo, bixinta (emission) ka timaadda isbedelka isticmaalka dhulka ayaa ah qayb aad u saraysa oo ka mid ah wadarta raadka kaarboonka.

Tani waa sababta oo ah dalagyada waxaa lagu beeraa beeraha lagu abuuray xaalufinta kaymaha.



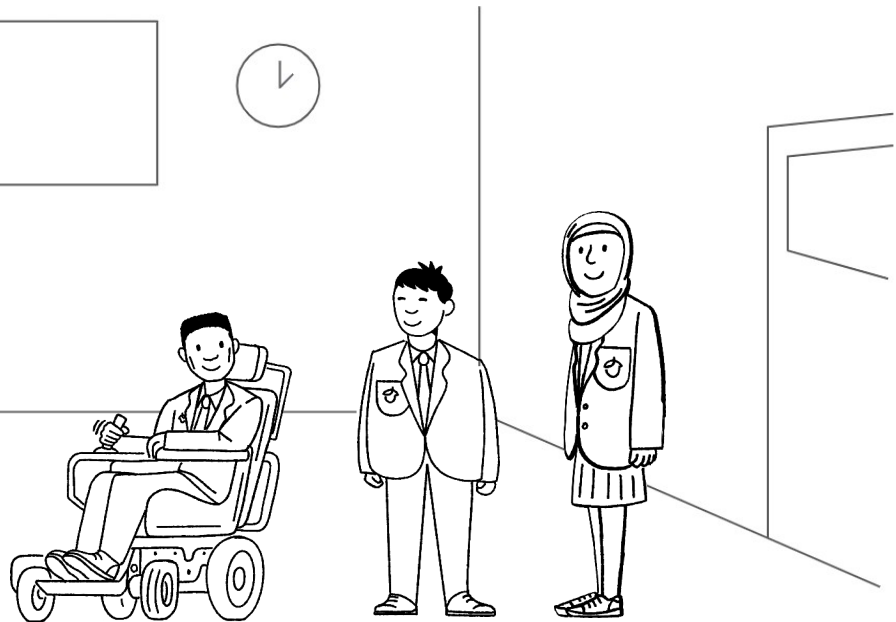
Beddelka cuntooyinka si loo yareeyo isbedelka cimilada



Laga bilaabo kan ugu hooseeya, dhig cuntooyinkan sida ay u kala horreeyaan laga bilaabo kan ugu hooseeya ilaa kan ugu sarreeya raadka kaarboonka.

- | | | |
|----------|--|---|
| a | Cunto ka kooban kalluun beer ah iyo khudaar. | 3 |
| b | Cunto badan oo hilib lo'da iyo hilib lax ah. | 5 |
| c | Cunto ka kooban digaag iyo khudaar. | 4 |
| d | Cunto ka kooban khudaar, miro iyo lowska. | 1 |
| e | Cunto ka kooban kalluun duurjoog ah iyo khudaar. | 2 |

Ma lihin ikhtiyaar cuntada aan guriga ku cunno. Waa inaan cunno waxa la siiyo! Marka maxaan qaban karnaa si aan u yareyno raadka kaarboon (carbon footprint) ee cuntadeenna?



Kaalay ardayda si ay u qoraan warqad ay u diraan waalidkood si ay u sharxaan sababta isbeddelka cuntadoodu u kici karo xaddidda isbedelka cimilada.

Kaalay ardayda si ay u qoraan warqad waalidkood oo sharxaysa sababta beddelka cuntadoodu uga caawin karo xaddididda isbeddelka cimilada (climate change).

Fikradaha laga yaabo inaad ku dartay warqadda:

- Bixinta (emission) gaasaska aqalka dhirta (greenhouse gases) ee soosaarka cuntada ayaa gacan ka geysanaya isbeddelka cimilada (climate change), taasoo ka dhigaysa cuntada mid adag in la soo saaro.
- Beddelka cuntada ayaa kaa caawin kara yaraynta bixinta (emissions).
- Hilibka lo'da (beef) ayaa leh bixinta (emissions) ugu sarreysa, waxaana ku xiga hilibka laxda (lamb), ka dibna digaagga (poultry), ka dibna kalluunka (fish).
- Beddelidda hilibka khudaarta, miraha iyo lowska ayaa kaa caawinaysa yaraynta bixinta (emissions) iyo xaddididda isbeddelka cimilada (climate change).

Soosaarka cuntada ayaa khatar ku jira sababtoo ah kulaylka caalamiga (global warming) iyo isbeddelka cimilada (climate change).

Isbeddelka cimilada (climate change) wuxuu ka dhigayaa dhacdooyinka cimilada xad-dhaafka ah (extreme weather events) kuwo ka badan, taasina waxay ka dhigaysaa soosaarka cuntada mid caqabad badan.

Bixinta (emissions) gaasaska aqalka dhirta (greenhouse gases) ee isbeddelka isticmaalka dhulka (land use change), beerashada, quudinta xoolaha, gaadiidka, tafaariiqda iyo baakadaynta ayaa ku kordhisa raadka kaarboon (carbon footprint) ee cuntooyinka.

Beddelka cuntadeenna ayaa naga caawin kara yaraynta bixinta (emissions) ee soosaarka cuntada iyo xaddididda isbeddelka cimilada (climate change).

Isbarbardhigga xogta bixinta (emissions data) ee cuntooyinka kala duwan ayaa naga caawinaya fahamka saamaynta doorashooyinka cuntada.