```
************************************************************.
********************Physical activity LASA H************.
************************************************************.
COMPUTE filter_$=(HLPHYA01 = 4).
VARIABLE LABEL filter_$ 'HLPHYA01 = 4 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
************************************************************.
**** WALKING TOTAL TIME PAST TWO WEEKS ****.
************************************************************.
compute looph=-9.
if (HLPHYA07<1) looph=-9.
if (HLPHYA06=1) looph=0.
if (HLPHYA07=1) looph=0.
if (HLPHYA07=2) and (HLPHYA08 ge 1) and (HLPHYA09 ge 1) looph=(HLPHYA08*HLPHYA09)/14.
Variable label looph "total walktime calculated in minutes per day".
execute.
fre looph.
execute.
*Many people have missing the frequence or the duration of the activity - veel mensen hebben een missing op alleen frequentie of alleen duur activiteit.
*Therefore impute the missing values - daarom missende waarden in bepaalde gevallen imputeren.
*that is what you do with the syntax below, separately for each sex - dat gebeurt hieronder voor elk geslacht afzonderlijk.
*Imputation values are different for each wave. (In short, the value that you assign to each missing value is equal to the mean value for each sex separately.
*There is a file at Jan with the means for each wave). - imputatiewaarden verschillen per meetmoment!.
*The variable WALKING - de variabele lopen.
if (HLPHYA06=2 and HLPHYA07=2 and HLPHYA08<1 and sex=2) HLPHYA08=11.
if (HLPHYA06=2 and HLPHYA07=2 and HLPHYA08<1 and sex=1) HLPHYA08=13.
if (HLPHYA06=2 and HLPHYA07=2 and HLPHYA09<1 and sex=2) HLPHYA09=36.
if (HLPHYA06=2 and HLPHYA07=2 and HLPHYA09<1 and sex=1) HLPHYA09=35.
if (HLPHYA07=2) and (HLPHYA08 ge 1) and (HLPHYA09 ge 1) looph=(HLPHYA08*HLPHYA09)/14.
if (looph>720) looph=720.
execute.
fre looph.
execute.
************************************************************.
**** CYCLING TOTAL TIME PAST TWO WEEKS ****.
************************************************************.
compute fieth=-9.
if (HLPHYA11<1) fieth=-9.
if (HLPHYA10=1) fieth=0.
if (HLPHYA11=1) fieth=0.
if (HLPHYA11=2) and (HLPHYA12 ge 1) and (HLPHYA13 ge 1) fieth= (HLPHYA12*HLPHYA13)/14.
Variable label fieth "total byclyling time in minutes per day".
execute.
fre fieth.
execute.

*The inputation of variable biking- de variabele fietsen imputeren.
if (HLPHYA10=2 and HLPHYA11=2 and HLPHYA12<1 and sex=2) HLPHYA12=10.
if (HLPHYA10=2 and HLPHYA11=2 and HLPHYA12<1 and sex=1) HLPHYA12=9.
if (HLPHYA10=2 and HLPHYA11=2 and HLPHYA13<1 and sex=2) HLPHYA13=27.
if (HLPHYA10=2 and HLPHYA11=2 and HLPHYA13<1 and sex=1) HLPHYA13=27.
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if (HLPHYA11=2) and (HLPHYA12 ge 1) and (HLPHYA13 ge 1) fieth= (HLPHYA12*HLPHYA13)/14.
if (fieth>720) fieth=720.
execute.
fre fieth.
execute.
************************************************************.
**** SPORT 1 TOTAL TIME PAST TWO WEEKS ****.
************************************************************.
compute sport1h=-9.
if (HLPHYA21<1) sport1h=-9.
if (HLPHYA21=1 or HLPHYASP=1) sport1h=0.
if (HLPHYA21=2) and (HLPHYA23 ge 1) and (HLPHYA24 ge 1) sport1h=(HLPHYA23*24)/14.
Variable label sport1h "total sport time calculated in minutes per day".
execute.
fre sport1h.
execute.
* Imputation of variable sport1 - de variabele sport1 imputeren.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=11 and sex=2) HLPHYA23=6.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=21 and sex=2) HLPHYA23=4.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=34 and sex=2) HLPHYA23=4.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=88 and sex=2) HLPHYA23=3.
execute.

if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=11 and sex=2) HLPHYA24=75.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=21 and sex=2) HLPHYA24=107.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=34 and sex=2) HLPHYA24=51.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=88 and sex=2) HLPHYA24=148.
execute.

if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=11 and sex=1) HLPHYA23=6.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=21 and sex=1) HLPHYA23=4.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=34 and sex=1) HLPHYA23=5.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=51 and sex=1) HLPHYA23=3.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=87 and sex=1) HLPHYA23=4.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=103 and sex=1) HLPHYA23=3.
if (HLPHYA21=2 and HLPHYA23<1 and HLPHYA22=112 and sex=1) HLPHYA23=3.
execute.

if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=11 and sex=1) HLPHYA24=97.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=21 and sex=1) HLPHYA24=113.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=34 and sex=1) HLPHYA24=89.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=51 and sex=1) HLPHYA24=101.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=87 and sex=1) HLPHYA24=135.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=103 and sex=1) HLPHYA24=115.
if (HLPHYA21=2 and HLPHYA24<1 and HLPHYA22=112 and sex=1) HLPHYA24=115.
execute.

if (HLPHYA21=2 and HLPHYA23 ge 1 and HLPHYA24 ge 1) sport1h=(HLPHYA23*HLPHYA24)/14.
if (sport1h>720) sport1h=720.
execute.
fre sport1h.
************************************************************.
**** SPORT 2 TOTAL TIME PAST TWO WEEKS ****.
************************************************************.
*calculate total time per day spend on sport2 in past two weeks.
compute sport2h=-9.
if (HLPHYA25<1) sport2h=-9.
```

```
if (HLPHYA25=1 or HLPHYASP=1) sport2h=0.
if (HLPHYA25=2) and (HLPHYA27 ge 1) and (HLPHYA28 ge 1) sport2h=(HLPHYA27*HLPHYA28)/14.
Variable label sport2h "total sport2time calculated in minutes per day".
execute.
fre sport2h.
execute.
* Imputation of the variable sport2 - de variabele sport2 imputeren.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=21 and sex=2) HLPHYA27=4.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=31 and sex=2) HLPHYA27=8.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=41 and sex=2) HLPHYA27=2.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=42 and sex=2) HLPHYA27=2.
execute.

if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=12 and sex=1) HLPHYA27=4.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=21 and sex=1) HLPHYA27=3.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=41 and sex=1) HLPHYA27=3.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=88 and sex=1) HLPHYA27=4.
if (HLPHYA25=2 and HLPHYA27<1 and HLPHYA26=93 and sex=1) HLPHYA27=4.
execute.


if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=21 and sex=2) HLPHYA28=108.
if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=31 and sex=2) HLPHYA28=34.
if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=41 and sex=2) HLPHYA28=54.
if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=42 and sex=2) HLPHYA28=54.
execute.

if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=12 and sex=1) HLPHYA28=97.
if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=21 and sex=1) HLPHYA28=105.
if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=41 and sex=1) HLPHYA28=50.
if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=88 and sex=1) HLPHYA28=107.
if (HLPHYA25=2 and HLPHYA28<1 and HLPHYA26=93 and sex=1) HLPHYA28=107.
execute.

if (HLPHYA25=2) and (HLPHYA27 ge 1) and (HLPHYA28 ge 1) sport2h=(HLPHYA27*HLPHYA28)/14.
if (sport2h>720) sport2h=720.
if (sport1h=0 and sport2h=-9) sport2h=0.
execute.
fre sport2h.
**********************************************************************.
**** LIGHT HOUSHOLD ACTIVITIES PAST TWO WEEKS ****.
**********************************************************************.
*compute total time per day spend on light houshold activities in past two weeks.
compute lhuish=-9.
if (HLPHYA32<1) lhuish=-9.
if (HLPHYA31=1) lhuish=0.
if (HLPHYA32=1) lhuish=0.
if (HLPHYA32=2) and (HLPHYA33 ge 1) and (HLPHYA34 ge 1) lhuish=(HLPHYA33*HLPHYA34)/14.
Variable label lhuish "total licht huishoudentime calculated in minutes per day".
execute.
fre lhuish.
execute.
*Imputation of the variable Light household activities/work - de variablen licht huishoudelijk werk imputeren.
if (HLPHYA31=2 and HLPHYA32=2 and HLPHYA33<1 and sex=2) HLPHYA33=13.
if (HLPHYA31=2 and HLPHYA32=2 and HLPHYA33<1 and sex=1) HLPHYA33=12.
if (HLPHYA31=2 and HLPHYA32=2 and HLPHYA34<1 and sex=2) HLPHYA34=114.
if (HLPHYA31=2 and HLPHYA32=2 and HLPHYA34<1 and sex=1) HLPHYA34=60.
```

```
if (HLPHYA32=2 and HLPHYA33 ge 1 and HLPHYA34 ge 1) lhuish=(HLPHYA33*HLPHYA34)/14.
if (lhuish>720) lhuish=720.
execute.
fre lhuish.
execute.
************************************************************************.
**** HEAVY HOUSHOLD ACTIVITIES PAST TWO WEEKS ****.
************************************************************************.
*calculate total time per day spend on heavy household activities in past two weeks.
compute zhuish=-9.
if (HLPHYA36<1) zhuish=-9.
if (HLPHYA35=1) zhuish=0.
if (HLPHYA36=1) zhuish=0.
if ((HLPHYA36=2) and (HLPHYA37 ge 1) and (HLPHYA38 ge 1)) zhuish=(HLPHYA37*HLPHYA38)/14.
Variable label zhuish "total zwaar huishoudentijd calculated in minutes per day".
execute.
fre zhuish.
execute.
*Imputation of the variable HEAVY HOUSEHOLD ACTIVITIES - de variabele zwaar huishoudelijk werk
imputeren.
if (HLPHYA35=2 and HLPHYA36=2 and HLPHYA37<1 and sex=2) HLPHYA37=4.
if (HLPHYA35=2 and HLPHYA36=2 and HLPHYA37<1 and sex=1) HLPHYA37=4.
if (HLPHYA35=2 and HLPHYA36=2 and HLPHYA38<1 and sex=2) HLPHYA38=87.
if (HLPHYA35=2 and HLPHYA36=2 and HLPHYA38<1 and sex=1) HLPHYA38=82.
if (HLPHYA36=2 and HLPHYA37 ge 1 and HLPHYA38 ge 1) zhuish=(HLPHYA37*HLPHYA38)/14.
if (zhuish>720) zhuish=720.
execute.
fre zhuish.
execute.
************************************************************************.
**** PHYSICAL ACTIVITY TOTAL SCORE ***********************.
************************************************************************.
missing value looph fieth sport1h sport2h lhuish zhuish (-9).
count misacth= looph fieth sport1h sport2h lhuish zhuish (-9).
fre misacth.
execute.
*was activity pattern normal in past two weeks, yes/no.
compute normalh=-9.
if (HLPHYA39=2) normalh=1.
if (HLPHYA39=1) normalh=0.
if (HLPHYA39<1) normalh=-9.
Variable label normalh "was activity pattern normal in past two weeks".
value labels normalh (1)"ja"(0) "nee" (-9) "missing".
execute.
fre normalh.
execute.
compute totacth= SUM. (looph, fieth, sport1h, sport2h, lhuish, zhuish).
Variable label totacth "totale activiteit op H".
compute nspoacth= SUM. (looph, fieth, lhuish, zhuish).
Variable label nspoacth "geen sportactiviteit".
compute spoacth= SUM. (sport1h, sport2h).
Variable label spoacth "sportactiviteit".
fre spoacth nspoacth totacth.
execute.
************************************************************************.
**** TOTAL SCORE IN KCAL/DAY*******************************.
************************************************************************.
```

```
*assigning MET-scores.
missing value hmed153 (-1 -2 -3).
execute.

compute loophk= 3.5* hmed153 *(looph/60).
compute fiethk= 4.5* hmed153 *(fieth/60).
compute lhuishk=2.5*hmed153 *(lhuish/60).
compute zhuishk=4.5* hmed153 *(zhuish/60).
execute.
*sport1.
if (HLPHYA22 = 11) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 12) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 13) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 21) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 22) sport1hk = 8.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 23) sport1hk = 3.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 31) sport1hk = 3.5* hmed153 *(sport1h/60) .
if (HLPHYA22 = 32) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 33) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 34) sport1hk = 5.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 41) sport1hk = 5.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 42) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 51) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 52) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 53) sport1hk = 10.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 54) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 61) sport1hk = 7.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 71) sport1hk = 5.5* hmed153 *(sport1h/60) .
if (HLPHYA22 = 72) sport1hk = 3.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 73) sport1hk = 5.5* hmed153 *(sport1h/60) .
if (HLPHYA22 = 81) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 82) sport1hk = 5.5* hmed153 *(sport1h/60) .
if (HLPHYA22 = 83) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 84) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 85) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 86) sport1hk = 5.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 87) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 88) sport1hk = 3.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 91) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 92) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 93) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 101) sport1hk = 4.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 102) sport1hk = 3.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 103) sport1hk = 3.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 111) sport1hk = 6.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 112) sport1hk = 2.5* hmed153 *(sport1h/60) .
if (HLPHYA22 = 113) sport1hk = 5.0* hmed153 *(sport1h/60) .
if (HLPHYA22 = 114) sport1hk = 4.0* hmed153 *(sport1h/60) .
execute.
*sport2.
if (HLPHYA26 = 11) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 12) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 13) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 21) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 22) sport2hk = 8.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 23) sport2hk = 3.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 31) sport2hk = 3.5* hmed153 *(sport2h/60) .
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if (HLPHYA26 = 32) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 33) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 34) sport2hk = 5.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 41) sport2hk = 5.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 42) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 51) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 52) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 53) sport2hk = 10.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 54) sport2hk = 6.0* hmed153 *(sport2h/60).
if (HLPHYA26 = 61) sport2hk = 7.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 71) sport2hk = 5.5* hmed153 *(sport2h/60) .
if (HLPHYA26 = 72) sport2hk = 3.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 73) sport2hk = 5.5* hmed153 *(sport2h/60) .
if (HLPHYA26 = 81) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 82) sport2hk = 5.5* hmed153 *(sport2h/60) .
if (HLPHYA26 = 83) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 84) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 85) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 86) sport2hk = 5.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 87) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 88) sport2hk = 3.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 91) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 92) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 93) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 101) sport2hk = 4.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 102) sport2hk = 3.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 103) sport2hk = 3.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 111) sport2hk = 6.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 112) sport2hk = 2.5* hmed153 *(sport2h/60) .
if (HLPHYA26 = 113) sport2hk = 5.0* hmed153 *(sport2h/60) .
if (HLPHYA26 = 114) sport2hk = 4.0* hmed153 *(sport2h/60) .
execute.

compute totacthk= SUM. (loophk, fiethk, sport1hk, sport2hk, lhuishk, zhuishk).
Variable label totacthk "totale activiteit op H kcal/day".

compute nspoacthk= SUM. (loophk, fiethk, lhuishk, zhuishk).
Variable label nspoacthk "geen sportactiviteit kcal/day".

compute spoacthk= SUM. (sport1hk, sport2hk).
Variable label spoacthk "sportactiviteit kcal/day".
fre spoacthk nspoacthk totacthk.
execute.


*******TOTAL SCORE IN METhours/week******.


compute looph_meth= 3.5*(looph/60)*7.
compute fieth_meth= 4.5*(fieth/60)*7.
compute lhuish_meth=2.5*(lhuish/60)*7.
compute zhuish_meth=4.5*(zhuish/60)*7.
execute.
*sport1.
if (HLPHYA22 = 11) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 12) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 13) sport1h_meth = 6.0*(sport1h/60)*7 .
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if (HLPHYA22 = 21) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 22) sport1h_meth = 8.0*(sport1h/60)*7 .
if (HLPHYA22 = 23) sport1h_meth = 3.0*(sport1h/60)*7 .
if (HLPHYA22 = 31) sport1h_meth = 3.5*(sport1h/60)*7 .
if (HLPHYA22 = 32) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 33) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 34) sport1h_meth = 5.0*(sport1h/60)*7 .
if (HLPHYA22 = 41) sport1h_meth = 5.0*(sport1h/60)*7 .
if (HLPHYA22 = 42) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 51) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 52) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 53) sport1h_meth = 10.0*(sport1h/60)*7 .
if (HLPHYA22 = 54) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 61) sport1h_meth = 7.0*(sport1h/60)*7 .
if (HLPHYA22 = 71) sport1h_meth = 5.5*(sport1h/60)*7 .
if (HLPHYA22 = 72) sport1h_meth = 3.0*(sport1h/60)*7 .
if (HLPHYA22 = 73) sport1h_meth = 5.5*(sport1h/60)*7 .
if (HLPHYA22 = 81) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 82) sport1h_meth = 5.5*(sport1h/60)*7 .
if (HLPHYA22 = 83) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 84) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 85) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 86) sport1h_meth = 5.0*(sport1h/60)*7 .
if (HLPHYA22 = 87) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 88) sport1h_meth = 3.0*(sport1h/60)*7 .
if (HLPHYA22 = 91) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 92) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 93) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 101) sport1h_meth = 4.0*(sport1h/60)*7 .
if (HLPHYA22 = 102) sport1h_meth = 3.0*(sport1h/60)*7 .
if (HLPHYA22 = 103) sport1h_meth = 3.0*(sport1h/60)*7 .
if (HLPHYA22 = 111) sport1h_meth = 6.0*(sport1h/60)*7 .
if (HLPHYA22 = 112) sport1h_meth = 2.5*(sport1h/60)*7 .
if (HLPHYA22 = 113) sport1h_meth = 5.0*(sport1h/60)*7 .
if (HLPHYA22 = 114) sport1h_meth = 4.0*(sport1h/60)*7 .
execute.
*sport2.
if (HLPHYA26 = 11) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 12) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 13) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 21) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 22) sport2h_meth = 8.0*(sport2h/60)*7 .
if (HLPHYA26 = 23) sport2h_meth = 3.0*(sport2h/60)*7 .
if (HLPHYA26 = 31) sport2h_meth = 3.5*(sport2h/60)*7 .
if (HLPHYA26 = 32) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 33) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 34) sport2h_meth = 5.0*(sport2h/60)*7 .
if (HLPHYA26 = 41) sport2h_meth = 5.0*(sport2h/60)*7 .
if (HLPHYA26 = 42) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 51) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 52) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 53) sport2h_meth = 10.0*(sport2h/60)*7 .
if (HLPHYA26 = 54) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 61) sport2h_meth = 7.0*(sport2h/60)*7 .
if (HLPHYA26 = 71) sport2h_meth = 5.5*(sport2h/60)*7 .
if (HLPHYA26 = 72) sport2h_meth = 3.0*(sport2h/60)*7 .
if (HLPHYA26 = 73) sport2h_meth = 5.5*(sport2h/60)*7 .
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if (HLPHYA26 = 81) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 82) sport2h_meth = 5.5*(sport2h/60)*7 .
if (HLPHYA26 = 83) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 84) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 85) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 86) sport2h_meth = 5.0*(sport2h/60)*7 .
if (HLPHYA26 = 87) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 88) sport2h_meth = 3.0*(sport2h/60)*7 .
if (HLPHYA26 = 91) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 92) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 93) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 101) sport2h_meth = 4.0*(sport2h/60)*7 .
if (HLPHYA26 = 102) sport2h_meth = 3.0*(sport2h/60)*7 .
if (HLPHYA26 = 103) sport2h_meth = 3.0*(sport2h/60)*7 .
if (HLPHYA26 = 111) sport2h_meth = 6.0*(sport2h/60)*7 .
if (HLPHYA26 = 112) sport2h_meth = 2.5*(sport2h/60)*7 .
if (HLPHYA26 = 113) sport2h_meth = 5.0*(sport2h/60)*7 .
if (HLPHYA26 = 114) sport2h_meth = 4.0*(sport2h/60)*7 .
execute.

compute totacth_meth= SUM. (looph_meth, fieth_meth, sport1h_meth, sport2h_meth, lhuish_meth, zhuish_meth).
Variable label totacth_meth "total activity in h-wave in  METhours/week".

compute nspoacth_meth= SUM. (looph_meth, fieth_meth, lhuish_meth, zhuish_meth).
Variable label nspoacth_meth "no sport activity h-wave METhours/week".

compute spoacth_meth= SUM. (sport1h_meth, sport2h_meth).
Variable label spoacth_meth "sport activity in h-wave METhours/week".

fre spoacth_meth nspoacth_meth totacth_meth.
execute.
```