\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*Create new variables for total wear counts, total wear minutes, and counts per minute(CPM)

\*for window 06:00:00 thru 23:59:59\*

\*using 480minutes/day as wear time criteria\*

\*for further info - se document "ICAD2\_Create new summary variables"

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\*\*\*STEP 1: Create total counts and wear minutes for every day in 06:00 – 23:59 window\*\*\*

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\*Total wear counts

egen tot\_counts\_mon = rsum(wearctsmonhr06-wearctsmonhr23)

egen tot\_counts\_tue = rsum(wearctstuehr06-wearctstuehr23)

egen tot\_counts\_wed = rsum(wearctswedhr06-wearctswedhr23)

egen tot\_counts\_thu = rsum(wearctsthuhr06-wearctsthuhr23)

egen tot\_counts\_fri = rsum(wearctsfrihr06-wearctsfrihr23)

egen tot\_counts\_sat = rsum(wearctssathr06-wearctssathr23)

egen tot\_counts\_sun = rsum(wearctssunhr06-wearctssunhr23)

\*Total wear minutes

egen tot\_min\_mon = rsum(wearminmonhr06-wearminmonhr23)

egen tot\_min\_tue = rsum(wearmintuehr06-wearmintuehr23)

egen tot\_min\_wed = rsum(wearminwedhr06-wearminwedhr23)

egen tot\_min\_thu = rsum(wearminthuhr06-wearminthuhr23)

egen tot\_min\_fri = rsum(wearminfrihr06-wearminfrihr23)

egen tot\_min\_sat = rsum(wearminsathr06-wearminsathr23)

egen tot\_min\_sun = rsum(wearminsunhr06-wearminsunhr23)

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\*\*\*Step 2: Determine if day is valid using 480 min/day as the criteria\*\*\*

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\*Determine if day is valid using 480 min/day as the criteria\*

gen val\_mon = 1 if tot\_min\_mon >=480 & !mi(tot\_min\_mon)

replace val\_mon = 0 if mi(val\_mon)

gen val\_tue = 1 if tot\_min\_tue >=480 & !mi(tot\_min\_tue)

replace val\_tue = 0 if mi(val\_tue)

gen val\_wed = 1 if tot\_min\_wed >=480 & !mi(tot\_min\_wed)

replace val\_wed = 0 if mi(val\_wed)

gen val\_thu = 1 if tot\_min\_thu >=480 & !mi(tot\_min\_thu)

replace val\_thu = 0 if mi(val\_thu)

gen val\_fri = 1 if tot\_min\_fri >=480 & !mi(tot\_min\_fri)

replace val\_fri = 0 if mi(val\_fri)

gen val\_sat = 1 if tot\_min\_sat >=480 & !mi(tot\_min\_sat)

replace val\_sat = 0 if mi(val\_sat)

gen val\_sun = 1 if tot\_min\_sun >=480 & !mi(tot\_min\_sun)

replace val\_sun = 0 if mi(val\_sun)

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\*\*\*Step 3: Create new variable for number of valid days\*\*\*

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\*Generate new variable for number of valid days\*

gen new\_valid\_days = val\_mon + val\_tue + val\_wed + val\_thu + val\_fri + val\_sat + val\_sun

\*Wear counts from days deemed not valid set to missing\*

replace tot\_counts\_mon = . if val\_mon !=1

replace tot\_counts\_tue = . if val\_tue !=1

replace tot\_counts\_wed = . if val\_wed !=1

replace tot\_counts\_thu = . if val\_thu !=1

replace tot\_counts\_fri = . if val\_fri !=1

replace tot\_counts\_sat = . if val\_sat !=1

replace tot\_counts\_sun = . if val\_sun !=1

\*Wear minutes from days deemed not valid set to missing\*

replace tot\_min\_mon = . if val\_mon !=1

replace tot\_min\_tue = . if val\_tue !=1

replace tot\_min\_wed = . if val\_wed !=1

replace tot\_min\_thu = . if val\_thu !=1

replace tot\_min\_fri = . if val\_fri !=1

replace tot\_min\_sat = . if val\_sat !=1

replace tot\_min\_sun = . if val\_sun !=1

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\*\*\*Step 4: Generate new variable for total wear counts, total wear minutes, and counts per minute across valid days\*\*\*

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\*Generate new variable for total wear counts across valid days\*

egen new\_total\_counts = rsum (tot\_counts\_mon-tot\_counts\_sun)

\*Generate new variable for total wear minutes across valid days\*

egen new\_total\_wear\_minutes = rsum (tot\_min\_mon-tot\_min\_sun)

\*Generate new couts per minute variable - CPM\*

gen new\_cpm = new\_total\_counts/new\_total\_wear\_minute

\*Generate new total wear minutes per valid day

gen new\_wear\_minutes\_perday = new\_total\_wear\_minutes/new\_valid\_days

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\*\*\*Step 5: Generate intensity-specific minutes using "insert applicable cut-points" (example using Evenson Sedentary)\*\*\*

\*Create new variables for minutes in intensity categories\*

\*for window 06:00:00 thru 23:59:59\*

\*using 480minutes/day as wear time criteria\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*Sedentary minutes MON-SUN (Evenson)

gen tot\_sed\_mon = evenson\_sedminmonhr6 + evenson\_sedminmonhr7 + ///

evenson\_sedminmonhr8 + evenson\_sedminmonhr9 + evenson\_sedminmonhr10 + ///

evenson\_sedminmonhr11 + evenson\_sedminmonhr12 + evenson\_sedminmonhr13 + ///

evenson\_sedminmonhr14 + evenson\_sedminmonhr15 + evenson\_sedminmonhr16 + ///

evenson\_sedminmonhr17 + evenson\_sedminmonhr18 + evenson\_sedminmonhr19 + ///

evenson\_sedminmonhr20 + evenson\_sedminmonhr21 + evenson\_sedminmonhr22 + ///

evenson\_sedminmonhr23

gen tot\_sed\_tue = evenson\_sedmintuehr6 + evenson\_sedmintuehr7 + ///

evenson\_sedmintuehr8 + evenson\_sedmintuehr9 + evenson\_sedmintuehr10 + ///

evenson\_sedmintuehr11 + evenson\_sedmintuehr12 + evenson\_sedmintuehr13 + ///

evenson\_sedmintuehr14 + evenson\_sedmintuehr15 + evenson\_sedmintuehr16 + ///

evenson\_sedmintuehr17 + evenson\_sedmintuehr18 + evenson\_sedmintuehr19 + ///

evenson\_sedmintuehr20 + evenson\_sedmintuehr21 + evenson\_sedmintuehr22 + ///

evenson\_sedmintuehr23

gen tot\_sed\_wed = evenson\_sedminwedhr6 + evenson\_sedminwedhr7 + ///

evenson\_sedminwedhr8 + evenson\_sedminwedhr9 + evenson\_sedminwedhr10 + ///

evenson\_sedminwedhr11 + evenson\_sedminwedhr12 + evenson\_sedminwedhr13 + ///

evenson\_sedminwedhr14 + evenson\_sedminwedhr15 + evenson\_sedminwedhr16 + ///

evenson\_sedminwedhr17 + evenson\_sedminwedhr18 + evenson\_sedminwedhr19 + ///

evenson\_sedminwedhr20 + evenson\_sedminwedhr21 + evenson\_sedminwedhr22 + ///

evenson\_sedminwedhr23

gen tot\_sed\_thu = evenson\_sedminthuhr6 + evenson\_sedminthuhr7 + ///

evenson\_sedminthuhr8 + evenson\_sedminthuhr9 + evenson\_sedminthuhr10 + ///

evenson\_sedminthuhr11 + evenson\_sedminthuhr12 + evenson\_sedminthuhr13 + ///

evenson\_sedminthuhr14 + evenson\_sedminthuhr15 + evenson\_sedminthuhr16 + ///

evenson\_sedminthuhr17 + evenson\_sedminthuhr18 + evenson\_sedminthuhr19 + ///

evenson\_sedminthuhr20 + evenson\_sedminthuhr21 + evenson\_sedminthuhr22 + ///

evenson\_sedminthuhr23

gen tot\_sed\_fri = evenson\_sedminfrihr6 + evenson\_sedminfrihr7 + ///

evenson\_sedminfrihr8 + evenson\_sedminfrihr9 + evenson\_sedminfrihr10 + ///

evenson\_sedminfrihr11 + evenson\_sedminfrihr12 + evenson\_sedminfrihr13 + ///

evenson\_sedminfrihr14 + evenson\_sedminfrihr15 + evenson\_sedminfrihr16 + ///

evenson\_sedminfrihr17 + evenson\_sedminfrihr18 + evenson\_sedminfrihr19 + ///

evenson\_sedminfrihr20 + evenson\_sedminfrihr21 + evenson\_sedminfrihr22 + ///

evenson\_sedminfrihr23

gen tot\_sed\_sat = evenson\_sedminsathr6 + evenson\_sedminsathr7 + ///

evenson\_sedminsathr8 + evenson\_sedminsathr9 + evenson\_sedminsathr10 + ///

evenson\_sedminsathr11 + evenson\_sedminsathr12 + evenson\_sedminsathr13 + ///

evenson\_sedminsathr14 + evenson\_sedminsathr15 + evenson\_sedminsathr16 + ///

evenson\_sedminsathr17 + evenson\_sedminsathr18 + evenson\_sedminsathr19 + ///

evenson\_sedminsathr20 + evenson\_sedminsathr21 + evenson\_sedminsathr22 + ///

evenson\_sedminsathr23

gen tot\_sed\_sun = evenson\_sedminsunhr6 + evenson\_sedminsunhr7 + ///

evenson\_sedminsunhr8 + evenson\_sedminsunhr9 + evenson\_sedminsunhr10 + ///

evenson\_sedminsunhr11 + evenson\_sedminsunhr12 + evenson\_sedminsunhr13 + ///

evenson\_sedminsunhr14 + evenson\_sedminsunhr15 + evenson\_sedminsunhr16 + ///

evenson\_sedminsunhr17 + evenson\_sedminsunhr18 + evenson\_sedminsunhr19 + ///

evenson\_sedminsunhr20 + evenson\_sedminsunhr21 + evenson\_sedminsunhr22 + ///

evenson\_sedminsunhr23

\*Sedentary minutes MON-SUN VALID DAYS ONLY (Evenson)

replace tot\_sed\_mon = . if val\_mon !=1

replace tot\_sed\_tue = . if val\_tue !=1

replace tot\_sed\_wed = . if val\_wed !=1

replace tot\_sed\_thu = . if val\_thu !=1

replace tot\_sed\_fri = . if val\_fri !=1

replace tot\_sed\_sat = . if val\_sat !=1

replace tot\_sed\_sun = . if val\_sun !=1

\*Sedentary minutes TOTALS (for all valid days)

egen new\_tot\_sed = rsum (tot\_sed\_mon-tot\_sed\_sun)

\*Sedentary minutes AVERAGE PER VALID DAY\*

gen new\_sed\_per\_day = new\_tot\_sed/new\_valid\_days

\*Light minutes MON-SUN (Evenson)

gen tot\_lpa\_mon = evenson\_lpaminmonhr6 + evenson\_lpaminmonhr7 + ///

evenson\_lpaminmonhr8 + evenson\_lpaminmonhr9 + evenson\_lpaminmonhr10 + ///

evenson\_lpaminmonhr11 + evenson\_lpaminmonhr12 + evenson\_lpaminmonhr13 + ///

evenson\_lpaminmonhr14 + evenson\_lpaminmonhr15 + evenson\_lpaminmonhr16 + ///

evenson\_lpaminmonhr17 + evenson\_lpaminmonhr18 + evenson\_lpaminmonhr19 + ///

evenson\_lpaminmonhr20 + evenson\_lpaminmonhr21 + evenson\_lpaminmonhr22 + ///

evenson\_lpaminmonhr23

gen tot\_lpa\_tue = evenson\_lpamintuehr6 + evenson\_lpamintuehr7 + ///

evenson\_lpamintuehr8 + evenson\_lpamintuehr9 + evenson\_lpamintuehr10 + ///

evenson\_lpamintuehr11 + evenson\_lpamintuehr12 + evenson\_lpamintuehr13 + ///

evenson\_lpamintuehr14 + evenson\_lpamintuehr15 + evenson\_lpamintuehr16 + ///

evenson\_lpamintuehr17 + evenson\_lpamintuehr18 + evenson\_lpamintuehr19 + ///

evenson\_lpamintuehr20 + evenson\_lpamintuehr21 + evenson\_lpamintuehr22 + ///

evenson\_lpamintuehr23

gen tot\_lpa\_wed = evenson\_lpaminwedhr6 + evenson\_lpaminwedhr7 + ///

evenson\_lpaminwedhr8 + evenson\_lpaminwedhr9 + evenson\_lpaminwedhr10 + ///

evenson\_lpaminwedhr11 + evenson\_lpaminwedhr12 + evenson\_lpaminwedhr13 + ///

evenson\_lpaminwedhr14 + evenson\_lpaminwedhr15 + evenson\_lpaminwedhr16 + ///

evenson\_lpaminwedhr17 + evenson\_lpaminwedhr18 + evenson\_lpaminwedhr19 + ///

evenson\_lpaminwedhr20 + evenson\_lpaminwedhr21 + evenson\_lpaminwedhr22 + ///

evenson\_lpaminwedhr23

gen tot\_lpa\_thu = evenson\_lpaminthuhr6 + evenson\_lpaminthuhr7 + ///

evenson\_lpaminthuhr8 + evenson\_lpaminthuhr9 + evenson\_lpaminthuhr10 + ///

evenson\_lpaminthuhr11 + evenson\_lpaminthuhr12 + evenson\_lpaminthuhr13 + ///

evenson\_lpaminthuhr14 + evenson\_lpaminthuhr15 + evenson\_lpaminthuhr16 + ///

evenson\_lpaminthuhr17 + evenson\_lpaminthuhr18 + evenson\_lpaminthuhr19 + ///

evenson\_lpaminthuhr20 + evenson\_lpaminthuhr21 + evenson\_lpaminthuhr22 + ///

evenson\_lpaminthuhr23

gen tot\_lpa\_fri = evenson\_lpaminfrihr6 + evenson\_lpaminfrihr7 + ///

evenson\_lpaminfrihr8 + evenson\_lpaminfrihr9 + evenson\_lpaminfrihr10 + ///

evenson\_lpaminfrihr11 + evenson\_lpaminfrihr12 + evenson\_lpaminfrihr13 + ///

evenson\_lpaminfrihr14 + evenson\_lpaminfrihr15 + evenson\_lpaminfrihr16 + ///

evenson\_lpaminfrihr17 + evenson\_lpaminfrihr18 + evenson\_lpaminfrihr19 + ///

evenson\_lpaminfrihr20 + evenson\_lpaminfrihr21 + evenson\_lpaminfrihr22 + ///

evenson\_lpaminfrihr23

gen tot\_lpa\_sat = evenson\_lpaminsathr6 + evenson\_lpaminsathr7 + ///

evenson\_lpaminsathr8 + evenson\_lpaminsathr9 + evenson\_lpaminsathr10 + ///

evenson\_lpaminsathr11 + evenson\_lpaminsathr12 + evenson\_lpaminsathr13 + ///

evenson\_lpaminsathr14 + evenson\_lpaminsathr15 + evenson\_lpaminsathr16 + ///

evenson\_lpaminsathr17 + evenson\_lpaminsathr18 + evenson\_lpaminsathr19 + ///

evenson\_lpaminsathr20 + evenson\_lpaminsathr21 + evenson\_lpaminsathr22 + ///

evenson\_lpaminsathr23

gen tot\_lpa\_sun = evenson\_lpaminsunhr6 + evenson\_lpaminsunhr7 + ///

evenson\_lpaminsunhr8 + evenson\_lpaminsunhr9 + evenson\_lpaminsunhr10 + ///

evenson\_lpaminsunhr11 + evenson\_lpaminsunhr12 + evenson\_lpaminsunhr13 + ///

evenson\_lpaminsunhr14 + evenson\_lpaminsunhr15 + evenson\_lpaminsunhr16 + ///

evenson\_lpaminsunhr17 + evenson\_lpaminsunhr18 + evenson\_lpaminsunhr19 + ///

evenson\_lpaminsunhr20 + evenson\_lpaminsunhr21 + evenson\_lpaminsunhr22 + ///

evenson\_lpaminsunhr23

\*Light minutes MON-SUN VALID DAYS ONLY (Evenson)

replace tot\_lpa\_mon = . if val\_mon !=1

replace tot\_lpa\_tue = . if val\_tue !=1

replace tot\_lpa\_wed = . if val\_wed !=1

replace tot\_lpa\_thu = . if val\_thu !=1

replace tot\_lpa\_fri = . if val\_fri !=1

replace tot\_lpa\_sat = . if val\_sat !=1

replace tot\_lpa\_sun = . if val\_sun !=1

\*Light minutes TOTALS (for all valid days)

egen new\_tot\_lpa = rsum (tot\_lpa\_mon-tot\_lpa\_sun)

\*Light minutes AVERAGE PER VALID DAY

gen new\_lpa\_per\_day = new\_tot\_lpa/new\_valid\_days

\*Moderate minutes MON-SUN (Evenson)

gen tot\_mpa\_mon = evenson\_mpaminmonhr6 + evenson\_mpaminmonhr7 + ///

evenson\_mpaminmonhr8 + evenson\_mpaminmonhr9 + evenson\_mpaminmonhr10 + ///

evenson\_mpaminmonhr11 + evenson\_mpaminmonhr12 + evenson\_mpaminmonhr13 + ///

evenson\_mpaminmonhr14 + evenson\_mpaminmonhr15 + evenson\_mpaminmonhr16 + ///

evenson\_mpaminmonhr17 + evenson\_mpaminmonhr18 + evenson\_mpaminmonhr19 + ///

evenson\_mpaminmonhr20 + evenson\_mpaminmonhr21 + evenson\_mpaminmonhr22 + ///

evenson\_mpaminmonhr23

gen tot\_mpa\_tue = evenson\_mpamintuehr6 + evenson\_mpamintuehr7 + ///

evenson\_mpamintuehr8 + evenson\_mpamintuehr9 + evenson\_mpamintuehr10 + ///

evenson\_mpamintuehr11 + evenson\_mpamintuehr12 + evenson\_mpamintuehr13 + ///

evenson\_mpamintuehr14 + evenson\_mpamintuehr15 + evenson\_mpamintuehr16 + ///

evenson\_mpamintuehr17 + evenson\_mpamintuehr18 + evenson\_mpamintuehr19 + ///

evenson\_mpamintuehr20 + evenson\_mpamintuehr21 + evenson\_mpamintuehr22 + ///

evenson\_mpamintuehr23

gen tot\_mpa\_wed = evenson\_mpaminwedhr6 + evenson\_mpaminwedhr7 + ///

evenson\_mpaminwedhr8 + evenson\_mpaminwedhr9 + evenson\_mpaminwedhr10 + ///

evenson\_mpaminwedhr11 + evenson\_mpaminwedhr12 + evenson\_mpaminwedhr13 + ///

evenson\_mpaminwedhr14 + evenson\_mpaminwedhr15 + evenson\_mpaminwedhr16 + ///

evenson\_mpaminwedhr17 + evenson\_mpaminwedhr18 + evenson\_mpaminwedhr19 + ///

evenson\_mpaminwedhr20 + evenson\_mpaminwedhr21 + evenson\_mpaminwedhr22 + ///

evenson\_mpaminwedhr23

gen tot\_mpa\_thu = evenson\_mpaminthuhr6 + evenson\_mpaminthuhr7 + ///

evenson\_mpaminthuhr8 + evenson\_mpaminthuhr9 + evenson\_mpaminthuhr10 + ///

evenson\_mpaminthuhr11 + evenson\_mpaminthuhr12 + evenson\_mpaminthuhr13 + ///

evenson\_mpaminthuhr14 + evenson\_mpaminthuhr15 + evenson\_mpaminthuhr16 + ///

evenson\_mpaminthuhr17 + evenson\_mpaminthuhr18 + evenson\_mpaminthuhr19 + ///

evenson\_mpaminthuhr20 + evenson\_mpaminthuhr21 + evenson\_mpaminthuhr22 + ///

evenson\_mpaminthuhr23

gen tot\_mpa\_fri = evenson\_mpaminfrihr6 + evenson\_mpaminfrihr7 + ///

evenson\_mpaminfrihr8 + evenson\_mpaminfrihr9 + evenson\_mpaminfrihr10 + ///

evenson\_mpaminfrihr11 + evenson\_mpaminfrihr12 + evenson\_mpaminfrihr13 + ///

evenson\_mpaminfrihr14 + evenson\_mpaminfrihr15 + evenson\_mpaminfrihr16 + ///

evenson\_mpaminfrihr17 + evenson\_mpaminfrihr18 + evenson\_mpaminfrihr19 + ///

evenson\_mpaminfrihr20 + evenson\_mpaminfrihr21 + evenson\_mpaminfrihr22 + ///

evenson\_mpaminfrihr23

gen tot\_mpa\_sat = evenson\_mpaminsathr6 + evenson\_mpaminsathr7 + ///

evenson\_mpaminsathr8 + evenson\_mpaminsathr9 + evenson\_mpaminsathr10 + ///

evenson\_mpaminsathr11 + evenson\_mpaminsathr12 + evenson\_mpaminsathr13 + ///

evenson\_mpaminsathr14 + evenson\_mpaminsathr15 + evenson\_mpaminsathr16 + ///

evenson\_mpaminsathr17 + evenson\_mpaminsathr18 + evenson\_mpaminsathr19 + ///

evenson\_mpaminsathr20 + evenson\_mpaminsathr21 + evenson\_mpaminsathr22 + ///

evenson\_mpaminsathr23

gen tot\_mpa\_sun = evenson\_mpaminsunhr6 + evenson\_mpaminsunhr7 + ///

evenson\_mpaminsunhr8 + evenson\_mpaminsunhr9 + evenson\_mpaminsunhr10 + ///

evenson\_mpaminsunhr11 + evenson\_mpaminsunhr12 + evenson\_mpaminsunhr13 + ///

evenson\_mpaminsunhr14 + evenson\_mpaminsunhr15 + evenson\_mpaminsunhr16 + ///

evenson\_mpaminsunhr17 + evenson\_mpaminsunhr18 + evenson\_mpaminsunhr19 + ///

evenson\_mpaminsunhr20 + evenson\_mpaminsunhr21 + evenson\_mpaminsunhr22 + ///

evenson\_mpaminsunhr23

\*Moderate minutes MON-SUN VALID DAYS ONLY (Evenson)

replace tot\_mpa\_mon = . if val\_mon !=1

replace tot\_mpa\_tue = . if val\_tue !=1

replace tot\_mpa\_wed = . if val\_wed !=1

replace tot\_mpa\_thu = . if val\_thu !=1

replace tot\_mpa\_fri = . if val\_fri !=1

replace tot\_mpa\_sat = . if val\_sat !=1

replace tot\_mpa\_sun = . if val\_sun !=1

\*Moderate minutes TOTALS (for all valid days)

egen new\_tot\_mpa = rsum (tot\_mpa\_mon-tot\_mpa\_sun)

\*Moderate minutes AVERAGE PER VALID DAY

gen new\_mpa\_per\_day = new\_tot\_mpa/new\_valid\_days

\*Vigorous minutes MON-SUN (Evenson)

gen tot\_vpa\_mon = evenson\_vpaminmonhr6 + evenson\_vpaminmonhr7 + ///

evenson\_vpaminmonhr8 + evenson\_vpaminmonhr9 + evenson\_vpaminmonhr10 + ///

evenson\_vpaminmonhr11 + evenson\_vpaminmonhr12 + evenson\_vpaminmonhr13 + ///

evenson\_vpaminmonhr14 + evenson\_vpaminmonhr15 + evenson\_vpaminmonhr16 + ///

evenson\_vpaminmonhr17 + evenson\_vpaminmonhr18 + evenson\_vpaminmonhr19 + ///

evenson\_vpaminmonhr20 + evenson\_vpaminmonhr21 + evenson\_vpaminmonhr22 + ///

evenson\_vpaminmonhr23

gen tot\_vpa\_tue = evenson\_vpamintuehr6 + evenson\_vpamintuehr7 + ///

evenson\_vpamintuehr8 + evenson\_vpamintuehr9 + evenson\_vpamintuehr10 + ///

evenson\_vpamintuehr11 + evenson\_vpamintuehr12 + evenson\_vpamintuehr13 + ///

evenson\_vpamintuehr14 + evenson\_vpamintuehr15 + evenson\_vpamintuehr16 + ///

evenson\_vpamintuehr17 + evenson\_vpamintuehr18 + evenson\_vpamintuehr19 + ///

evenson\_vpamintuehr20 + evenson\_vpamintuehr21 + evenson\_vpamintuehr22 + ///

evenson\_vpamintuehr23

gen tot\_vpa\_wed = evenson\_vpaminwedhr6 + evenson\_vpaminwedhr7 + ///

evenson\_vpaminwedhr8 + evenson\_vpaminwedhr9 + evenson\_vpaminwedhr10 + ///

evenson\_vpaminwedhr11 + evenson\_vpaminwedhr12 + evenson\_vpaminwedhr13 + ///

evenson\_vpaminwedhr14 + evenson\_vpaminwedhr15 + evenson\_vpaminwedhr16 + ///

evenson\_vpaminwedhr17 + evenson\_vpaminwedhr18 + evenson\_vpaminwedhr19 + ///

evenson\_vpaminwedhr20 + evenson\_vpaminwedhr21 + evenson\_vpaminwedhr22 + ///

evenson\_vpaminwedhr23

gen tot\_vpa\_thu = evenson\_vpaminthuhr6 + evenson\_vpaminthuhr7 + ///

evenson\_vpaminthuhr8 + evenson\_vpaminthuhr9 + evenson\_vpaminthuhr10 + ///

evenson\_vpaminthuhr11 + evenson\_vpaminthuhr12 + evenson\_vpaminthuhr13 + ///

evenson\_vpaminthuhr14 + evenson\_vpaminthuhr15 + evenson\_vpaminthuhr16 + ///

evenson\_vpaminthuhr17 + evenson\_vpaminthuhr18 + evenson\_vpaminthuhr19 + ///

evenson\_vpaminthuhr20 + evenson\_vpaminthuhr21 + evenson\_vpaminthuhr22 + ///

evenson\_vpaminthuhr23

gen tot\_vpa\_fri = evenson\_vpaminfrihr6 + evenson\_vpaminfrihr7 + ///

evenson\_vpaminfrihr8 + evenson\_vpaminfrihr9 + evenson\_vpaminfrihr10 + ///

evenson\_vpaminfrihr11 + evenson\_vpaminfrihr12 + evenson\_vpaminfrihr13 + ///

evenson\_vpaminfrihr14 + evenson\_vpaminfrihr15 + evenson\_vpaminfrihr16 + ///

evenson\_vpaminfrihr17 + evenson\_vpaminfrihr18 + evenson\_vpaminfrihr19 + ///

evenson\_vpaminfrihr20 + evenson\_vpaminfrihr21 + evenson\_vpaminfrihr22 + ///

evenson\_vpaminfrihr23

gen tot\_vpa\_sat = evenson\_vpaminsathr6 + evenson\_vpaminsathr7 + ///

evenson\_vpaminsathr8 + evenson\_vpaminsathr9 + evenson\_vpaminsathr10 + ///

evenson\_vpaminsathr11 + evenson\_vpaminsathr12 + evenson\_vpaminsathr13 + ///

evenson\_vpaminsathr14 + evenson\_vpaminsathr15 + evenson\_vpaminsathr16 + ///

evenson\_vpaminsathr17 + evenson\_vpaminsathr18 + evenson\_vpaminsathr19 + ///

evenson\_vpaminsathr20 + evenson\_vpaminsathr21 + evenson\_vpaminsathr22 + ///

evenson\_vpaminsathr23

gen tot\_vpa\_sun = evenson\_vpaminsunhr6 + evenson\_vpaminsunhr7 + ///

evenson\_vpaminsunhr8 + evenson\_vpaminsunhr9 + evenson\_vpaminsunhr10 + ///

evenson\_vpaminsunhr11 + evenson\_vpaminsunhr12 + evenson\_vpaminsunhr13 + ///

evenson\_vpaminsunhr14 + evenson\_vpaminsunhr15 + evenson\_vpaminsunhr16 + ///

evenson\_vpaminsunhr17 + evenson\_vpaminsunhr18 + evenson\_vpaminsunhr19 + ///

evenson\_vpaminsunhr20 + evenson\_vpaminsunhr21 + evenson\_vpaminsunhr22 + ///

evenson\_vpaminsunhr23

\*Vigorous minutes MON-SUN VALID DAYS ONLY (Evenson)

replace tot\_vpa\_mon = . if val\_mon !=1

replace tot\_vpa\_tue = . if val\_tue !=1

replace tot\_vpa\_wed = . if val\_wed !=1

replace tot\_vpa\_thu = . if val\_thu !=1

replace tot\_vpa\_fri = . if val\_fri !=1

replace tot\_vpa\_sat = . if val\_sat !=1

replace tot\_vpa\_sun = . if val\_sun !=1

\*Vigorous minutes TOTALS (for all valid days)

egen new\_tot\_vpa = rsum (tot\_vpa\_mon-tot\_vpa\_sun)

\*Vigorous minutes AVERAGE PER VALID DAY

gen new\_vpa\_per\_day = new\_tot\_vpa/new\_valid\_days

\*Moderate-to-vigorous minutes MON-SUN (Evenson)

gen tot\_mvpa\_mon = evenson\_mvpaminmonhr6 + evenson\_mvpaminmonhr7 + ///

evenson\_mvpaminmonhr8 + evenson\_mvpaminmonhr9 + evenson\_mvpaminmonhr10 + ///

evenson\_mvpaminmonhr11 + evenson\_mvpaminmonhr12 + evenson\_mvpaminmonhr13 + ///

evenson\_mvpaminmonhr14 + evenson\_mvpaminmonhr15 + evenson\_mvpaminmonhr16 + ///

evenson\_mvpaminmonhr17 + evenson\_mvpaminmonhr18 + evenson\_mvpaminmonhr19 + ///

evenson\_mvpaminmonhr20 + evenson\_mvpaminmonhr21 + evenson\_mvpaminmonhr22 + ///

evenson\_mvpaminmonhr23

gen tot\_mvpa\_tue = evenson\_mvpamintuehr6 + evenson\_mvpamintuehr7 + ///

evenson\_mvpamintuehr8 + evenson\_mvpamintuehr9 + evenson\_mvpamintuehr10 + ///

evenson\_mvpamintuehr11 + evenson\_mvpamintuehr12 + evenson\_mvpamintuehr13 + ///

evenson\_mvpamintuehr14 + evenson\_mvpamintuehr15 + evenson\_mvpamintuehr16 + ///

evenson\_mvpamintuehr17 + evenson\_mvpamintuehr18 + evenson\_mvpamintuehr19 + ///

evenson\_mvpamintuehr20 + evenson\_mvpamintuehr21 + evenson\_mvpamintuehr22 + ///

evenson\_mvpamintuehr23

gen tot\_mvpa\_wed = evenson\_mvpaminwedhr6 + evenson\_mvpaminwedhr7 + ///

evenson\_mvpaminwedhr8 + evenson\_mvpaminwedhr9 + evenson\_mvpaminwedhr10 + ///

evenson\_mvpaminwedhr11 + evenson\_mvpaminwedhr12 + evenson\_mvpaminwedhr13 + ///

evenson\_mvpaminwedhr14 + evenson\_mvpaminwedhr15 + evenson\_mvpaminwedhr16 + ///

evenson\_mvpaminwedhr17 + evenson\_mvpaminwedhr18 + evenson\_mvpaminwedhr19 + ///

evenson\_mvpaminwedhr20 + evenson\_mvpaminwedhr21 + evenson\_mvpaminwedhr22 + ///

evenson\_mvpaminwedhr23

gen tot\_mvpa\_thu = evenson\_mvpaminthuhr6 + evenson\_mvpaminthuhr7 + ///

evenson\_mvpaminthuhr8 + evenson\_mvpaminthuhr9 + evenson\_mvpaminthuhr10 + ///

evenson\_mvpaminthuhr11 + evenson\_mvpaminthuhr12 + evenson\_mvpaminthuhr13 + ///

evenson\_mvpaminthuhr14 + evenson\_mvpaminthuhr15 + evenson\_mvpaminthuhr16 + ///

evenson\_mvpaminthuhr17 + evenson\_mvpaminthuhr18 + evenson\_mvpaminthuhr19 + ///

evenson\_mvpaminthuhr20 + evenson\_mvpaminthuhr21 + evenson\_mvpaminthuhr22 + ///

evenson\_mvpaminthuhr23

gen tot\_mvpa\_fri = evenson\_mvpaminfrihr6 + evenson\_mvpaminfrihr7 + ///

evenson\_mvpaminfrihr8 + evenson\_mvpaminfrihr9 + evenson\_mvpaminfrihr10 + ///

evenson\_mvpaminfrihr11 + evenson\_mvpaminfrihr12 + evenson\_mvpaminfrihr13 + ///

evenson\_mvpaminfrihr14 + evenson\_mvpaminfrihr15 + evenson\_mvpaminfrihr16 + ///

evenson\_mvpaminfrihr17 + evenson\_mvpaminfrihr18 + evenson\_mvpaminfrihr19 + ///

evenson\_mvpaminfrihr20 + evenson\_mvpaminfrihr21 + evenson\_mvpaminfrihr22 + ///

evenson\_mvpaminfrihr23

gen tot\_mvpa\_sat = evenson\_mvpaminsathr6 + evenson\_mvpaminsathr7 + ///

evenson\_mvpaminsathr8 + evenson\_mvpaminsathr9 + evenson\_mvpaminsathr10 + ///

evenson\_mvpaminsathr11 + evenson\_mvpaminsathr12 + evenson\_mvpaminsathr13 + ///

evenson\_mvpaminsathr14 + evenson\_mvpaminsathr15 + evenson\_mvpaminsathr16 + ///

evenson\_mvpaminsathr17 + evenson\_mvpaminsathr18 + evenson\_mvpaminsathr19 + ///

evenson\_mvpaminsathr20 + evenson\_mvpaminsathr21 + evenson\_mvpaminsathr22 + ///

evenson\_mvpaminsathr23

gen tot\_mvpa\_sun = evenson\_mvpaminsunhr6 + evenson\_mvpaminsunhr7 + ///

evenson\_mvpaminsunhr8 + evenson\_mvpaminsunhr9 + evenson\_mvpaminsunhr10 + ///

evenson\_mvpaminsunhr11 + evenson\_mvpaminsunhr12 + evenson\_mvpaminsunhr13 + ///

evenson\_mvpaminsunhr14 + evenson\_mvpaminsunhr15 + evenson\_mvpaminsunhr16 + ///

evenson\_mvpaminsunhr17 + evenson\_mvpaminsunhr18 + evenson\_mvpaminsunhr19 + ///

evenson\_mvpaminsunhr20 + evenson\_mvpaminsunhr21 + evenson\_mvpaminsunhr22 + ///

evenson\_mvpaminsunhr23

\*Moderate-to-vigorous minutes MON-SUN VALID DAYS ONLY (Evenson)

replace tot\_mvpa\_mon = . if val\_mon !=1

replace tot\_mvpa\_tue = . if val\_tue !=1

replace tot\_mvpa\_wed = . if val\_wed !=1

replace tot\_mvpa\_thu = . if val\_thu !=1

replace tot\_mvpa\_fri = . if val\_fri !=1

replace tot\_mvpa\_sat = . if val\_sat !=1

replace tot\_mvpa\_sun = . if val\_sun !=1

\*Moderate-to-vigorous minutes TOTALS (for all valid days)

egen new\_tot\_mvpa = rsum (tot\_mvpa\_mon-tot\_mvpa\_sun)

\*Moderate-to-vigorous minutes AVERAGE PER VALID DAY\*

gen new\_mvpa\_per\_day = new\_tot\_mvpa/new\_valid\_days