```
DEFINE
   MEASURE 'Measures (2)'[BF % Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_pfat]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_pfat]), 'Measures (2)'[Last
Update] = second_recent_date)
VAR pfat_change = (most_recent_fat - second_recent_fat)/100
RETURN
   IF(ISBLANK(most_recent_fat) || ISBLANK(second_recent_fat), BLANK(), pfat_change)
   MEASURE 'Measures (2)'[Right Leg Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_rleg = CALCULATE(MAX('Measures (2)'[Right Leg Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_Date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_rleg = CALCULATE(MAX('Measures (2)'[Right Leg Lean]), 'Measures
(2)'[Last Update] = second_recent_Date)
VAR rleg_change = most_recent_rleg - second_recent_rleg
RETURN
   IF(most_recent_rleg = rleg_change, BLANK(), rleg_change)
   MEASURE 'Measures (2)'[Right Arm Percent Change] = VAR most_recent_date =
MAX('Measures (2)'[Last Update])
VAR most_recent_rarm = CALCULATE(MAX('Measures (2)'[Right Arm Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_rarm = CALCULATE(MAX('Measures (2)'[Right Arm Lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR rarm_change = 100*((most_recent_rarm -
second_recent_rarm)/ABS(second_recent_rarm))
RETURN
   IF(rarm_change > (100000), BLANK(), rarm_change)
   MEASURE 'Measures (2)'[Fat Change] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
VAR most_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_fat]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
```

```
VAR second_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_fat]), 'Measures (2)'[Last
Update] = second_recent_date)
VAR fat_change = most_recent_fat - second_recent_fat
RETURN
   IF(most_recent_fat = fat_change, BLANK(), fat_change)
   MEASURE 'Measures (2)'[Left Arm Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_larm = CALCULATE(MAX('Measures (2)'[Left Arm Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_larm = CALCULATE(MAX('Measures (2)'[Left Arm Lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR larm_change = most_recent_larm - second_recent_larm
RETURN
   IF(most_recent_larm = larm_change, BLANK(), larm_change)
   MEASURE 'Measures (2)'[BMC Percent Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_bmc = CALCULATE(MAX('Measures (2)'[wbtot_bmc]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_bmc = CALCULATE(MAX('Measures (2)'[wbtot_bmc]), 'Measures (2)'[Last
Update] = second_recent_date)
VAR bmc_change = 100* ((most_recent_bmc - second_recent_bmc)/ABS(second_recent_bmc))
RETURN
   IF(bmc_change > (10000000), BLANK(), bmc_change)
   MEASURE 'Measures (2)'[Mass Percent Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_mass]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_mass]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR mass_change = ((most_recent_mass - second_recent_mass)/ABS(second_recent_mass))
RETURN
   IF((mass_change>10000000), BLANK(), mass_change)
   MEASURE 'Measures (2)'[Lean Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_lean = CALCULATE(MAX('Measures (2)'[wbtot_lean]), 'Measures (2)'[Last
Update] = most_recent_date)
```

```
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_lean = CALCULATE(MAX('Measures (2)'[wbtot_lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR lean_change = most_recent_lean - second_recent_lean
RETURN
   IF(most_recent_lean = lean_change, BLANK(), lean_change)
   MEASURE 'Measures (2)'[Left Leg Percent Change] = VAR most_recent_date =
MAX('Measures (2)'[Last Update])
VAR most_recent_lleg = CALCULATE(MAX('Measures (2)'[Left Leg Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_lleg = CALCULATE(MAX('Measures (2)'[Left Leg Lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR lean_change = 100*((most_recent_lleg - second_recent_lleg)/second_recent_lleg)
RETURN
   IF(lean_change > (1000000), BLANK(), lean_change)
   MEASURE 'Measures (2)'[BMC Change] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
VAR most_recent_bmc = CALCULATE(MAX('Measures (2)'[wbtot_bmc]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_Date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_bmc = CALCULATE(MAX('Measures (2)'[wbtot_bmc]), 'Measures (2)'[Last
Update] = second_recent_Date)
VAR bmc_change = most_recent_bmc - second_recent_bmc
RETURN
   IF(most_recent_bmc = bmc_change, BLANK(), bmc_change)
   MEASURE 'Measures (2)'[Mass Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_mass]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_Date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_mass]), 'Measures
(2)'[Last Update] = second_recent_Date)
VAR mass_change = most_recent_mass - second_recent_mass
RETURN
   IF(most_recent_mass = mass_change, BLANK(), mass_change)
   MEASURE 'Measures (2)'[Left Arm Percent Change] = VAR most_recent_date =
MAX('Measures (2)'[Last Update])
```

```
VAR most_recent_lean = CALCULATE(MAX('Measures (2)'[Left Arm Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_Date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_lean = CALCULATE(MAX('Measures (2)'[Left Arm Lean]), 'Measures
(2)'[Last Update] = second_recent_Date)
VAR lean_change = 100*((most_recent_lean -
second_recent_lean)/ABS(second_recent_lean))
RETURN
   IF(lean_Change>(10000000000), BLANK(), lean_change)
   MEASURE 'Measures (2)'[Right Arm Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_rarm = CALCULATE(MAX('Measures (2)'[Right Arm Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_Date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_rarm = CALCULATE(MAX('Measures (2)'[Right Arm Lean]), 'Measures
(2)'[Last Update] = second_recent_Date)
VAR rarm_change = most_recent_rarm - second_recent_rarm
RETURN
   IF(most_recent_rarm = rarm_change, BLANK(), rarm_change)
   MEASURE 'Measures (2)'[Left Leg Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_lleg = CALCULATE(MAX('Measures (2)'[Left Leg Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_lleg = CALCULATE(MAX('Measures (2)'[Left Leg Lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR lleg_change = most_recent_lleg - second_recent_lleg
RETURN
   IF(most_recent_lleg = lleg_change, BLANK(), lleg_change)
   MEASURE 'Measures (2)'[Lean Percent Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_lean = CALCULATE(MAX('Measures (2)'[wbtot_lean]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_lean = CALCULATE(MAX('Measures (2)'[wbtot_lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR lean_change = ((most_recent_lean - second_recent_lean)/ABS(second_recent_lean))
RETURN
```

```
   IF(lean_change > (100000000000), BLANK(), lean_change)
   MEASURE 'Measures (2)'[Last Percent Fat] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_pfat = CALCULATE(MAX('Measures (2)'[wbtot_pfat]), 'Measures (2)'[Last
Update] = most_recent_date)
RETURN
   most_recent_pfat
   MEASURE 'Measures (2)'[BMC STDEV] = STDEV.P('Measures (2)'[wbtot_bmc])
   MEASURE 'Measures (2)'[BMC Sum] = CALCULATE(SUM('Measures
(2)'[wbtot_bmc]),ALL('Measures (2)'[wbtot_bmc]))
   MEASURE 'Measures (2)'[Last BMC] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
VAR most_recent_bmc = CALCULATE(MAX('Measures (2)'[wbtot_bmc]), 'Measures (2)'[Last
Update] = most_recent_date)
RETURN
   most_recent_bmc
   MEASURE 'Measures (2)'[Last Right Arm Lean] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_rarm = CALCULATE(MAX('Measures (2)'[Right Arm Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
RETURN
   most_recent_rarm
   MEASURE 'Measures (2)'[Last Mass] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
VAR most_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_mass]), 'Measures (2)'[Last
Update] = most_recent_date)
RETURN
   most_recent_mass
   MEASURE 'Measures (2)'[Last Lean] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
VAR most_recent_lean = CALCULATE(MAX('Measures (2)'[wbtot_lean]), 'Measures (2)'[Last
Update] = most_recent_date)
RETURN
   most_recent_lean
   MEASURE 'Measures (2)'[Last Left Leg Lean] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_lleg = CALCULATE(MAX('Measures (2)'[Left Leg Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
RETURN
   most_recent_lleg
   MEASURE 'Measures (2)'[Last Fat] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
```

```
VAR most_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_fat]), 'Measures (2)'[Last
Update] = most_recent_date)
RETURN
   most_recent_fat
   MEASURE 'Measures (2)'[Last Left Arm Lean] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_larm = CALCULATE(MAX('Measures (2)'[Left Arm Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
RETURN
   most_recent_larm
   MEASURE 'Measures (2)'[Last Right Leg Lean] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_rleg = CALCULATE(MAX('Measures (2)'[Right Leg Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
RETURN
   most_recent_rleg
   MEASURE 'Measures (2)'[BMC Mean] = AVERAGE('Measures (2)'[wbtot_bmc])
   MEASURE 'Measures (2)'[Right Leg Percent Change] = VAR most_recent_date =
MAX('Measures (2)'[Last Update])
VAR most_recent_rleg = CALCULATE(MAX('Measures (2)'[Right Leg Lean]), 'Measures
(2)'[Last Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_rleg = CALCULATE(MAX('Measures (2)'[Right Leg Lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR rleg_change = 100*((most_recent_rleg - second_recent_rleg)/(second_recent_rleg))
RETURN
   IF((rleg_change>10000000), BLANK(), rleg_change)
   MEASURE 'Measures (2)'[Previous BMC] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_bmc = CALCULATE(MAX('Measures (2)'[wbtot_bmc]), 'Measures (2)'[Last
Update] = second_recent_date)
RETURN
   second_recent_bmc
   MEASURE 'Measures (2)'[Previous Fat Percent] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_pfat]), 'Measures (2)'[Last
Update] = second_recent_date)
```

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RETURN
    second_recent_fat
    MEASURE 'Measures (2)'[Previous Mass] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_mass]), 'Measures
(2)'[Last Update] = second_recent_date)
RETURN
    second_recent_mass
    MEASURE 'Measures (2)'[Trunk Lean Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_trunk = CALCULATE(MAX('Measures (2)'[trunk_lean]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_trunk = CALCULATE(MAX('Measures (2)'[trunk_lean]), 'Measures
(2)'[Last Update] = second_recent_date)
VAR trunk_change = most_recent_trunk - second_recent_trunk
RETURN
    IF(most_recent_trunk = trunk_change, BLANK(), trunk_change)
    MEASURE 'Measures (2)'[Last BMD] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
VAR most_recent_bmd = CALCULATE(MAX('Measures (2)'[wbtot_bmd]), 'Measures (2)'[Last
Update] = most_recent_date)
RETURN
    most_recent_bmd
    MEASURE 'Measures (2)'[Previous BMD] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_bmd = CALCULATE(MAX('Measures (2)'[wbtot_bmd]), 'Measures (2)'[Last
Update] = second_recent_date)
RETURN
    second_recent_bmd
    MEASURE 'Measures (2)'[BMD Change] = VAR most_recent_date = MAX('Measures (2)'[Last
Update])
VAR most_recent_bmd = CALCULATE(MAX('Measures (2)'[wbtot_bmd]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_Date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
```

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VAR second_recent_bmd = CALCULATE(MAX('Measures (2)'[wbtot_bmd]), 'Measures (2)'[Last
Update] = second_recent_Date)
VAR bmd_change = most_recent_bmd - second_recent_bmd
RETURN
   IF(most_recent_bmd = bmd_change, BLANK(), bmd_change)
   MEASURE 'Measures (2)'[Last Z Score] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_z = CALCULATE(MAX('Measures (2)'[z_score]), 'Measures (2)'[Last
Update] = most_recent_date)
RETURN
   most_recent_z
   MEASURE 'Measures (2)'[MostRecentDate] = MAX('Measures (2)'[Last Update])
   MEASURE 'Measures (2)'[Most_Recent_Fat_Mass] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
   CALCULATE(
       MAX('Measures (2)'[wbtot_fat]),
       FILTER(
           ALL('Measures (2)'),
           'Measures (2)'[patient_key] = SelectedPerson &&
           'Measures (2)'[Last Update] = MostRecentDate
       )
   )
   MEASURE 'Measures (2)'[Most_Recent_BF] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
   CALCULATE(
       MAX('Measures (2)'[wbtot_pfat]),
       FILTER(
           ALL('Measures (2)'),
           'Measures (2)'[patient_key] = SelectedPerson &&
           'Measures (2)'[Last Update] = MostRecentDate
       )
   )/100
   MEASURE 'Measures (2)'[Most_Recent_Trunk] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
```

```
RETURN
    CALCULATE(
        MAX('Measures (2)'[trunk_lean]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_vfat] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[vfat_mass]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_bmd] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[wbtot_bmd]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_lean_mass] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[wbtot_lean]),
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        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_Weight] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[wbtot_mass]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_ZScore] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[z_score]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Fat Mass Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_fat]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_fat = CALCULATE(MAX('Measures (2)'[wbtot_fat]), 'Measures (2)'[Last
Update] = second_recent_date)
VAR fat_change = most_recent_fat - second_recent_fat
RETURN
```

```
    IF(most_recent_fat = fat_change, BLANK(), fat_change)
    MEASURE 'Measures (2)'[Fat Mass Percent Change] = VAR most_recent_date =
MAX('Measures (2)'[Last Update])
VAR most_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_fat]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_mass = CALCULATE(MAX('Measures (2)'[wbtot_fat]), 'Measures (2)'[Last
Update] = second_recent_date)
VAR mass_change = ((most_recent_mass - second_recent_mass)/ABS(second_recent_mass))
RETURN
    IF((mass_change>10000000), BLANK(), mass_change)
    MEASURE 'Measures (2)'[Conditional Formatting - BF%] = VAR Sex =
SELECTEDVALUE('Athletes'[Sex])
VAR wbtot_pfat = MAX('Measures (2)'[wbtot_pfat])
VAR Threshold =
    SWITCH (
        TRUE (),
        Sex = "M" && wbtot_pfat > 26, 1,
        Sex = "M" && wbtot_pfat < 8, 1,
        Sex = "F" && wbtot_pfat > 33, 1,
        Sex = "F" && wbtot_pfat < 15, 1,
        0
    )
RETURN
    Threshold
    MEASURE 'Measures (2)'[Conditional Formatting - Arm Difference] = VAR Threshold =
    IF (
        MAX('Measures (2)'[Arm Lean Difference]) > 1,1,0
    )
RETURN
    Threshold
    MEASURE 'Measures (2)'[Conditional Formatting - Leg Difference] = VAR Threshold =
    IF (
        MAX('Measures (2)'[Leg Lean Difference]) > 1.5,1,0
    )
RETURN
    Threshold
    MEASURE 'Measures (2)'[Conditional Formatting - Z] = VAR Threshold =
    IF (
        MAX('Measures (2)'[z_score]) < -1,1,0
    )
```

```
RETURN
    Threshold
    MEASURE 'Measures (2)'[BMD Percent Change] = VAR most_recent_date = MAX('Measures
(2)'[Last Update])
VAR most_recent_bmd = CALCULATE(MAX('Measures (2)'[wbtot_bmd]), 'Measures (2)'[Last
Update] = most_recent_date)
VAR second_recent_date = CALCULATE(MAX('Measures (2)'[Last Update]), 'Measures
(2)'[Last Update] < most_recent_date)
VAR second_recent_bmd = CALCULATE(MAX('Measures (2)'[wbtot_bmd]), 'Measures (2)'[Last
Update] = second_recent_date)
VAR bmd_change = ((most_recent_bmd - second_recent_bmd)/ABS(second_recent_bmd))
RETURN
    IF((bmd_change>10000000), BLANK(), bmd_change)
    MEASURE 'Measures (2)'[Conditional Formatting - VAT] = VAR Threshold =
    IF (
        MAX('Measures (2)'[vfat_mass]) > 1,1,0
    )
RETURN
    Threshold
    MEASURE 'Measures (2)'[Conditional Formatting - Flag] = IF (
    ('Measures (2)'[Conditional Formatting - Arm Difference]) = 1 ||
    ('Measures (2)'[Conditional Formatting - BF%]) = 1 ||
    ('Measures (2)'[Conditional Formatting - Leg Difference]) = 1 ||
    ('Measures (2)'[Conditional Formatting - VAT]) = 1 ||
    ('Measures (2)'[Conditional Formatting - Z]) = 1,
    1,
    0
)
    MEASURE 'Measures (2)'[Most_Recent_Leg_Diff] = abs([Most_Recent_Lleg] -
[Most_Recent_RLeg])
    MEASURE 'Measures (2)'[Most_Recent_Arm_Diff] = abs([Most_Recent_Larm] -
[Most_Recent_RArm])
    MEASURE 'Measures (2)'[Most_Recent_Larm] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[Left Arm Lean]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
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```
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_RArm] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[Right Arm Lean]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_Lleg] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[Left Leg Lean]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[Most_Recent_RLeg] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[patient_key])
VAR MostRecentDate = CALCULATE(MAX('Measures (2)'[Last Update]), FILTER('Measures
(2)', 'Measures (2)'[patient_key] = SelectedPerson))
RETURN
    CALCULATE(
        MAX('Measures (2)'[Right Leg Lean]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
```

```
    MEASURE 'Measures (2)'[Most_Recent_Conditional Formatting - Flags] = VAR Sex =
SELECTEDVALUE('Athletes'[Sex])
VAR pfat = [Most_Recent_BF]
VAR Threshold =
    SWITCH (
        TRUE (),
        Sex = "M" && pfat > 26, "BF",
        Sex = "M" && pfat < 8, "BF",
        Sex = "F" && pfat > 33, "BF",
        Sex = "F" && pfat < 15, "BF",
        [Most_Recent_Arm_Diff] > 1, "Arm Diff",
        [Most_Recent_Leg_Diff] > 1.5, "Leg Diff",
        [Most_Recent_vfat] > 1, "VFat",
        [Most_Recent_ZScore] < -1, "Z Score",
        0
    )
RETURN
    Threshold
    MEASURE 'Measures (2)'[Team_BF_Increase] = SUMX(
    VALUES('Measures (2)'[patient_key]), -- Replace [AthleteID] with your unique
athlete identifier
    IF(
        [BF % Change] > 0,
        1,
        0
    )
)
    MEASURE 'Measures (2)'[Team_BF_Decrease] = SUMX(
    VALUES('Measures (2)'[patient_key]), -- Replace [AthleteID] with your unique
athlete identifier
    IF(
        [BF % Change] < 0,
        1,
        0
    )
)
    MEASURE 'Measures (2)'[Team_Lean_Decrease] = SUMX(
    VALUES('Measures (2)'[patient_key]), -- Replace [AthleteID] with your unique
athlete identifier
    IF(
        [Lean Change] < 0,
        1,
```

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        0
    )
)
    MEASURE 'Measures (2)'[Team_Lean_Increase] = SUMX(
    VALUES('Measures (2)'[patient_key]), -- Replace [AthleteID] with your unique
athlete identifier
    IF(
        [Lean Change] > 0,
        1,
        0
    )
)
    MEASURE 'Measures (2)'[Team_Weight_Increase] = SUMX(
    VALUES('Measures (2)'[patient_key]), -- Replace [AthleteID] with your unique
athlete identifier
    IF(
        [Mass Change] > 0,
        1,
        0
    )
)
    MEASURE 'Measures (2)'[Team_Weight_Decrease] = SUMX(
    VALUES('Measures (2)'[patient_key]), -- Replace [AthleteID] with your unique
athlete identifier
    IF(
        [Mass Change] < 0,
        1,
        0
    )
)
    MEASURE 'Measures (2)'[Team_Weight_Decrease_Avg] = VAR NegativeChanges =
    FILTER(
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
            "MassChange", [Mass Change]
        ),
        [MassChange] < 0
    )
RETURN
    AVERAGEX(NegativeChanges, [MassChange])
    MEASURE 'Measures (2)'[Team_Weight_Increase_Avg] = VAR PositiveChanges =
    FILTER(
```

```
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
            "MassChange", [Mass Change]
        ),
        [MassChange] > 0
    )
RETURN
    AVERAGEX(PositiveChanges, [MassChange])
    MEASURE 'Measures (2)'[Team_Lean_Decrease_Avg] = VAR NegativeChanges =
    FILTER(
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
            "LeanChange", [Lean Change]
        ),
        [LeanChange] < 0
    )
RETURN
    AVERAGEX(NegativeChanges, [LeanChange])
    MEASURE 'Measures (2)'[Team_Lean_Increase_Avg] = VAR PositiveChanges =
    FILTER(
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
            "LeanChange", [Lean Change]
        ),
        [LeanChange] > 0
    )
RETURN
    AVERAGEX(PositiveChanges, [LeanChange])
    MEASURE 'Measures (2)'[Team_Weight_Change_Avg] = VAR NegativeChanges =
    FILTER(
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
            "MassChange", [Mass Change]
        ),
        [MassChange] < 100000
    )
RETURN
    AVERAGEX(NegativeChanges, [MassChange])
    MEASURE 'Measures (2)'[Team_Lean_Change_Avg] = VAR AverageChange =
    FILTER(
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
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            "LeanChange", [Lean Change]
        ),
        [LeanChange] < 100000
    )
RETURN
    AVERAGEX(AverageChange, [LeanChange])
    MEASURE 'Measures (2)'[Team_FatMass_Change_Avg] = VAR AverageChange =
    FILTER(
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
            "FatMassChange", [Fat Mass Change]
        ),
        [FatMassChange] < 100000
    )
RETURN
    AVERAGEX(AverageChange, [FatMassChange])
    MEASURE 'Measures (2)'[Team_BF_Change_Avg] = VAR AverageChange =
    FILTER(
        ADDCOLUMNS(
            VALUES('Measures (2)'[patient_key]),
            "BFChange", [BF % Change]
        ),
        [BFChange] < 100000
    )
RETURN
    AVERAGEX(AverageChange, [BFChange])
    MEASURE 'Measures (2)'[BetweenUpper_Date] = VAR MostRecentDate =
CALCULATE(MAX('Measures (2)'[Last Update]))
RETURN
MostRecentDate
    MEASURE 'Measures (2)'[BetweenLower_Date] = VAR MostEarlierDate =
CALCULATE(MIN('Measures (2)'[Last Update]))
RETURN
MostEarlierDate
    MEASURE 'Measures (2)'[Most_Earliest_Weight] = VAR SelectedPerson =
SELECTEDVALUE('Athletes'[identifier1])
VAR MostRecentDate = CALCULATE(
    MIN('Measures (2)'[Last Update]),
    FILTER(
        'Measures (2)',
        'Measures (2)'[patient_key] = SelectedPerson
    )
```

```
)
RETURN
    CALCULATE(
        AVERAGE('Measures (2)'[wbtot_mass]),
        FILTER(
            ALL('Measures (2)'),
            'Measures (2)'[patient_key] = SelectedPerson &&
            'Measures (2)'[Last Update] = MostRecentDate
        )
    )
    MEASURE 'Measures (2)'[OneYearAgo] = EDATE([LastDate],-12)
    MEASURE 'Measures (2)'[LeastDate] = MIN('Measures (2)'[Last Update])
    MEASURE 'Measures (2)'[AverageWeight UppeLimit] = CALCULATE(
    AVERAGE('Measures (2)'[wbtot_mass]),
    FILTER(
        ALL('Measures (2)'),
        'Measures (2)'[viewDEXADate[last_update]] >= DATEADD(LASTDATE('Measures
(2)'[viewDEXADate[last_update]]), -2, MONTH) &&
        'Measures (2)'[viewDEXADate[last_update]] <= LASTDATE('Measures
(2)'[viewDEXADate[last_update]])
    )
)
))
    MEASURE 'Measures (2)'[StringMeasure] = VAR SelectedDate = MAX('Date'[MonthYear])
RETURN
    SWITCH(
        TRUE(),
        SelectedDate >= DATE(2022, 1, 1) && SelectedDate <= DATE(2022, 12, 31), "Year
2022",
        SelectedDate >= DATE(2023, 1, 1) && SelectedDate <= DATE(2023, 12, 31), "Year
2023",
        SelectedDate >= DATE(2024, 1, 1) && SelectedDate <= DATE(2024, 12, 31), "Year
2024",
        "Other Year"
    )

EVALUATE
    SUMMARIZECOLUMNS(
        "BF % Change", [BF % Change],
        "Right Leg Change", [Right Leg Change],
        "Right Arm Percent Change", [Right Arm Percent Change],
        "Fat Change", [Fat Change],
```

```
"Left Arm Change", [Left Arm Change],
"BMC Percent Change", [BMC Percent Change],
"Mass Percent Change", [Mass Percent Change],
"Lean Change", [Lean Change],
"Left Leg Percent Change", [Left Leg Percent Change],
"BMC Change", [BMC Change],
"Mass Change", [Mass Change],
"Left Arm Percent Change", [Left Arm Percent Change],
"Right Arm Change", [Right Arm Change],
"Left Leg Change", [Left Leg Change],
"Lean Percent Change", [Lean Percent Change],
"Last Percent Fat", [Last Percent Fat],
"BMC STDEV", [BMC STDEV],
"BMC Sum", [BMC Sum],
"Last BMC", [Last BMC],
"Last Right Arm Lean", [Last Right Arm Lean],
"Last Mass", [Last Mass],
"Last Lean", [Last Lean],
"Last Left Leg Lean", [Last Left Leg Lean],
"Last Fat", [Last Fat],
"Last Left Arm Lean", [Last Left Arm Lean],
"Last Right Leg Lean", [Last Right Leg Lean],
"BMC Mean", [BMC Mean],
"Right Leg Percent Change", [Right Leg Percent Change],
"Previous BMC", [Previous BMC],
"Previous Fat Percent", [Previous Fat Percent],
"Previous Mass", [Previous Mass],
"Trunk Lean Change", [Trunk Lean Change],
"Last BMD", [Last BMD],
"Previous BMD", [Previous BMD],
"BMD Change", [BMD Change],
"Last Z Score", [Last Z Score],
"MostRecentDate", [MostRecentDate],
"Most_Recent_Fat_Mass", [Most_Recent_Fat_Mass],
"Most_Recent_BF", [Most_Recent_BF],
"Most_Recent_Trunk", [Most_Recent_Trunk],
"Most_Recent_vfat", [Most_Recent_vfat],
"Most_Recent_bmd", [Most_Recent_bmd],
"Most_Recent_lean_mass", [Most_Recent_lean_mass],
"Most_Recent_Weight", [Most_Recent_Weight],
"Most_Recent_ZScore", [Most_Recent_ZScore],
"Fat Mass Change", [Fat Mass Change],
```

```
        "Fat Mass Percent Change", [Fat Mass Percent Change],
        "Conditional Formatting - BF%", [Conditional Formatting - BF%],
        "Conditional Formatting - Arm Difference", [Conditional Formatting - Arm
Difference],
        "Conditional Formatting - Leg Difference", [Conditional Formatting - Leg
Difference],
        "Conditional Formatting - Z", [Conditional Formatting - Z],
        "BMD Percent Change", [BMD Percent Change],
        "Conditional Formatting - VAT", [Conditional Formatting - VAT],
        "Conditional Formatting - Flag", [Conditional Formatting - Flag],
        "Most_Recent_Leg_Diff", [Most_Recent_Leg_Diff],
        "Most_Recent_Arm_Diff", [Most_Recent_Arm_Diff],
        "Most_Recent_Larm", [Most_Recent_Larm],
        "Most_Recent_RArm", [Most_Recent_RArm],
        "Most_Recent_Lleg", [Most_Recent_Lleg],
        "Most_Recent_RLeg", [Most_Recent_RLeg],
        "Most_Recent_Conditional Formatting - Flags", [Most_Recent_Conditional
Formatting - Flags],
        "Team_BF_Increase", [Team_BF_Increase],
        "Team_BF_Decrease", [Team_BF_Decrease],
        "Team_Lean_Decrease", [Team_Lean_Decrease],
        "Team_Lean_Increase", [Team_Lean_Increase],
        "Team_Weight_Increase", [Team_Weight_Increase],
        "Team_Weight_Decrease", [Team_Weight_Decrease],
        "Team_Weight_Decrease_Avg", [Team_Weight_Decrease_Avg],
        "Team_Weight_Increase_Avg", [Team_Weight_Increase_Avg],
        "Team_Lean_Decrease_Avg", [Team_Lean_Decrease_Avg],
        "Team_Lean_Increase_Avg", [Team_Lean_Increase_Avg],
        "Team_Weight_Change_Avg", [Team_Weight_Change_Avg],
        "Team_Lean_Change_Avg", [Team_Lean_Change_Avg],
        "Team_FatMass_Change_Avg", [Team_FatMass_Change_Avg],
        "Team_BF_Change_Avg", [Team_BF_Change_Avg],
        "BetweenUpper_Date", [BetweenUpper_Date],
        "BetweenLower_Date", [BetweenLower_Date],
        "Most_Earliest_Weight", [Most_Earliest_Weight],
        "OneYearAgo", [OneYearAgo],
        "LeastDate", [LeastDate],
        "AverageWeight UppeLimit", [AverageWeight UppeLimit],
        "StringMeasure", [StringMeasure]
    )
```