## Activity Listing

Listing by Exercise Type
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## Listing by Exercise Type

| Type of Exercise | Activity [Points per Minute] |
| :---: | :---: |
| Aerobics | Aerobics, high impact [20] |
|  | Aerobics, low impact [14] |
|  | Boot Camp [21] |
|  | Calisthenics, home[13] |
|  | Circuit training, general [23] |
|  | CrossFit, fast pace [23] |
|  | CrossFit, moderate pace [17] |
|  | Elliptical trainer, moderate [19] |
|  | Elliptical trainer, vigorous effort [23] |
|  | Gymnastics, general [11] |
|  | Insanity workout (High intensity training) [23] |
|  | Rowing, stationary, light effort [20] |
|  | Rowing, stationary, moderate effort [24] |
|  | Stair climber, general [17] |
|  | Zumba, high intensity (1-2 word sentences) [22] |
|  | Zumba, moderate (able to talk) [19] |
| Basketball | Basketball, game [23] |
|  | Basketball, nongame, general [18] |
|  | Basketball, shooting baskets [13] |
| Cycling | Bicycling hills, light effort [23] |
|  | Bicycling hills, moderate effort [30] |
|  | Bicycling hills, vigorous effort [37] |
|  | Bicycling leisure ( $<11 \mathrm{mph}$ or $<18 \mathrm{~km} / \mathrm{h}$ ) [11] |
|  | Bicycling light effort (12-13 mph or 19-21 km/h) [17] |
|  | Bicycling moderate effort ( $14-15 \mathrm{mph}$ or $22-24 \mathrm{~km} / \mathrm{h}$ ) [23] |
|  | Bicycling moderately fast (16-17 mph or $25-27 \mathrm{~km} / \mathrm{h}$ ) [34] |
|  | Bicycling quickly or fast ( $18-19 \mathrm{mph}$ or 29-31 km/h) [40] |
|  | Bicycling racing ( $>20 \mathrm{mph}$ or $>32 \mathrm{~km} / \mathrm{h}$ ) [46] |
|  | Bicycling, BMX or mountain [24] |
|  | Bicycling, stationary, light effort [16] |
|  | Bicycling, stationary, moderate effort [20] |
|  | Bicycling, stationary, vigorous effort [30] |
|  | Spinning class, moderate effort [20] |
|  | Spinning class, vigorous effort [30] |
| Dancing | Dancing, aerobic [17] |
|  | Dancing, general [13] |


| Football/Soccer | Football (US) or baseball, playing catch [7] <br> Football (international style) competitive [29] <br> Football (international style) general [20] <br> Football (US style) competitive [26] <br> Football (US style) touch, flag [23] <br> Futsal, competitive [20] <br> Futsal, general [29] <br> Soccer, general [20] <br> Soccer, competitive [29] |
| :---: | :---: |
| Golf | Golf, carrying clubs[16] Golf, driving range [9] Golf, using power cart [10] |
| Home/Yard Work | Chopping wood [17] <br> Cleaning house, general [9] <br> Construction, outside, remodeling [16] <br> Feeding livestock, [13] <br> Gardening, general [14] <br> Mowing lawn, general [16] <br> Painting, papering, plastering, scraping [13] <br> Raking lawn [11] |
| Martial Arts | Judo [29] <br> Karate, intense effort [29] <br> Karate, moderate effort [20] <br> Kick boxing [29] <br> Tai chi [11] <br> Tai kwan do [29] |
| Racquet Sports | Badminton, competitive [20] <br> Badminton, general [13] <br> Handball, general [34] <br> Jai alai [34] <br> Lacrosse [23] <br> Paddleball [17] <br> Racquetball, competitive [29] <br> Racquetball, general [20] <br> Squash [34] <br> Table tennis, ping pong [11] <br> Tennis, doubles [17] <br> Tennis, singles [23] |
| Recreation | Archery [10] <br> Backpacking, general [20] <br> Bowling [9] <br> Boxing, punching bag [17] <br> Boxing, sparring [26] |


| Recreation (continued) | Cricket (batting, bowling) [14] <br> Curling [11] <br> Fishing in stream, in waders [17] <br> Frisbee playing, general [9] <br> Hockey [23] <br> Horse racing, galloping [23] <br> Horseback riding, general [11] <br> Horseback riding, trotting [19] <br> Hunting, walking [14] <br> Kickball [20] <br> Moto-cross [11] <br> Netball, high intensity [23] <br> Netball, low intensity [17] <br> Polo [23] <br> Rock climbing, ascending rock [31] <br> Rock climbing, rappelling [23] <br> Rope jumping, fast [30] <br> Rugby [29] <br> Skateboarding [14] <br> Softball or baseball, fast or slow pitch [14] <br> Volleyball, beach [23] <br> Volleyball, competitive, in gymnasium [19] |
| :---: | :---: |
| Running | FitBit Entry High Effort [12] Jogging ( $13 \mathrm{~min} / \mathrm{mi}$ or $8 \mathrm{~min} / \mathrm{km}$ ) [15] <br> Running ( $12 \mathrm{~min} / \mathrm{mi}$ or $7.5 \mathrm{~min} / \mathrm{km}$ ) [17] <br> Running ( $10 \mathrm{~min} / \mathrm{mi}$ or $6.2 \mathrm{~min} / \mathrm{km}$ ) [19] <br> Running ( $9.5 \mathrm{~min} / \mathrm{mi}$ or $5.9 \mathrm{~min} / \mathrm{km}$ ) [21] <br> Running ( $9 \mathrm{~min} / \mathrm{mi}$ or $5.6 \mathrm{~min} / \mathrm{km}$ ) [25] <br> Running ( $8.5 \mathrm{~min} / \mathrm{mi}$ or $5.3 \mathrm{~min} / \mathrm{km}$ ) [29] <br> Running ( $8 \mathrm{~min} / \mathrm{mi}$ or $5 \mathrm{~min} / \mathrm{km}$ ) [32] <br> Running ( $7.5 \mathrm{~min} / \mathrm{mi}$ or $4.7 \mathrm{~min} / \mathrm{km}$ ) [34] <br> Running ( $7 \mathrm{~min} / \mathrm{mi}$ or $4.3 \mathrm{~min} / \mathrm{km}$ ) [37] <br> Running ( $6.5 \mathrm{~min} / \mathrm{mi}$ or $4 \mathrm{~min} / \mathrm{km}$ ) [40] <br> Running ( $6 \mathrm{~min} / \mathrm{mi}$ or $3.7 \mathrm{~min} / \mathrm{km}$ ) [44] <br> Running ( $5.5 \mathrm{~min} / \mathrm{mi}$ or $3.4 \mathrm{~min} / \mathrm{km}$ ) [46] <br> Running hills light effort [32] <br> Running hills moderate effort [37] <br> Running hills vigorous effort [44] <br> Running, stairs, up [37] |
| Skating | Skating, ice, rapidly ( $>9 \mathrm{mph}$ or $>14.5 \mathrm{~km} / \mathrm{h}$ ) [26] Skating, roller [20] |


| Snow Sports | Ski machine, general [27] |
| :--- | :--- |
|  | Skiing, cross-country, moderate effort [23] |
|  | Skiing, cross-country, slow or light effort [20] |
|  | Skiing, cross-country, vigorous effort [26] |
|  | Skiing, downhill, light effort [14] |
|  | Skiing, downhill, moderate effort [17] |
|  | Skiing, downhill, vigorous effort, racing [23] |
|  | Snow shoeing [23] |
|  | Snowboarding [17] |
|  | Snowmobiling [10] |
|  | Body Pump [24] |
|  | P90X [17] |
|  | Pilates, Advanced [18] |
|  | Pilates, Beginner [11] |
|  | Pilates, Intermediate [15] |
|  | TRX Suspension Training [12] |
|  | Weight lifting or body building, vigorous effort [18] |
| Conditioning | Weight lifting, moderate effort [12] |
|  | Yoga, ashtanga or power style [11] |
|  | Yoga, bikram or hot style [20] |
|  | Yoga, hatha stretching [11] |
|  | Yoga, vinyasa style [17] |
|  | Skin diving, scuba diving, general [20] |
|  | Snorkeling [14] |
|  | Swimming laps, vigorous effort [29] |
|  | Swimming laps, light/moderate effort [23] |
| Swimming, leisurely, general [17] |  |
|  | Swimming, treading water, fast/vigorous [29] |
| Swimming, treading water, moderate effort [17] |  |


| Water Sports | Canoeing, rowing, crewing, competition [34] |
| :--- | :--- |
|  | Canoeing, rowing, light effort [9] |
|  | Canoeing, rowing, moderate effort [20] |
|  | Kayaking [14] |
|  | Sailing, competitive [14] |
|  | Sailing, general [9] |
| Sking, water [17] |  |
| Surfing [11] |  |
| Wakeboarding [17] |  |
| Water aerobics, water calisthenics [11] |  |
| Water polo [29] |  |
| Windsurfing [10] |  |

## Activity Listing by Alphabet

## Activity [Points per minute]

Aerobics, high impact [20]
Aerobics, low impact [14]
Archery [10]
Backpacking, general [20]
Badminton, competitive [20]
Badminton, general [13]
Basketball, game [23]
Basketball, nongame, general [18]
Basketball, shooting baskets [13]
Bicycling hills, light effort [23]
Bicycling hills, moderate effort [30]
Bicycling hills, vigorous effort [37]
Bicycling leisure ( $<11 \mathrm{mph}$ or $<18 \mathrm{~km} / \mathrm{h}$ ) [11]
Bicycling light effort (12-13 mph or 19-21 km/h) [17]
Bicycling moderate effort ( $14-15 \mathrm{mph}$ or $22-24 \mathrm{~km} / \mathrm{h}$ ) [23]
Bicycling moderately fast ( $16-17 \mathrm{mph}$ or $25-27 \mathrm{~km} / \mathrm{h}$ ) [34]
Bicycling quickly or fast (18-19 mph or 29-31 km/h) [40]
Bicycling racing (>20 mph or >32 km/h) [46]
Bicycling, BMX or mountain [24]
Bicycling, stationary, light effort [16]
Bicycling, stationary, moderate effort [20]
Bicycling, stationary, vigorous effort [30]
Body Pump [24]
Boot Camp [21]
Bowling [9]
Boxing, punching bag [17]
Boxing, sparring [26]
Calisthenics, home[13]
Canoeing, rowing, crewing, competition [34]
Canoeing, rowing, light effort [9]
Canoeing, rowing, moderate effort [20]
Chopping wood [17]
Circuit training, general [23]
Cleaning house, general [9]
Construction, outside, remodeling [16]
Cricket (batting, bowling) [14]
CrossFit, fast pace [23]
CrossFit, moderate pace [17]
Curling [11]
Dancing, aerobic [17]
Dancing, general [13]
Elliptical trainer, moderate [19]
Elliptical trainer, vigorous effort [23]
Feeding livestock, [13]
Fishing in stream, in waders [17]
FitBit Entry High Effort [12]
FitBit Moderate Effort [8]

## Type

Aerobics
Aerobics
Recreation
Recreation
Racquet Sports
Racquet Sports
Basketball
Basketball
Basketball
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Cycling
Strength/Conditioning
Aerobics
Recreation
Recreation
Recreation
Aerobics
Water Sports
Water Sports
Water Sports
Home/Yard Work
Aerobics
Home/Yard Work
Home/Yard Work
Recreation
Aerobics
Aerobics
Recreation
Dancing
Dancing
Aerobics
Aerobics
Home/Yard Work
Recreation
Running
Walking

Football (international style) competitive [29]
Football (international style) general [20]
Football (US style) competitive [26]
Football (US style) touch, flag [23]
Football (US) or baseball, playing catch [7]
Frisbee playing, general [9]
Futsal, competitive [20]
Futsal, general [29]
Gardening, general [14]
Golf, carrying clubs[16]
Golf, driving range [9]
Golf, using power cart [10]
Gymnastics, general [11]
Handball, general [34]
Hiking, cross country [17]
Hockey [23]
Horse racing, galloping [23]
Horseback riding, general [11]
Horseback riding, trotting [19]
Hunting, walking [14]
Insanity workout (High intensity training) [23]
Jai alai [34]
Jogging ( $13 \mathrm{~min} / \mathrm{mi}$ or $8 \mathrm{~min} / \mathrm{km}$ ) [15]
Judo [29]
Karate, intense effort [29]
Karate, moderate effort [20]
Kayaking [14]
Kick boxing [29
Kickball [20]
Lacrosse [23]
Moto-cross [11]
Mowing lawn, general [16]
Netball, high intensity [23]
Netball, low intensity [17]
P90X [17]
Paddleball [17]
Painting, papering, plastering, scraping [13]
Pedometer conversion [7]
Pilates, Advanced [18]
Pilates, Beginner [11]
Pilates, Intermediate [15]
Pushing or pulling stroller with child [10]
Race walking [19]
Racquetball, competitive [29]
Racquetball, general [20]
Raking lawn [11]
Rock climbing, ascending rock [31]
Rock climbing, rappelling [23]
Rope jumping, fast [30]
Rowing, stationary, light effort [20]
Rowing, stationary, moderate effort [24]

Football/Soccer
Football/Soccer
Football/Soccer
Football/Soccer
Football/Soccer
Recreation
Football/Soccer
Football/Soccer
Home/Yard Work
Golf
Golf
Golf
Aerobics
Racquet Sports
Walking
Recreation
Recreation
Recreation
Recreation
Recreation
Aerobics
Racquet Sports
Running
Martial Arts
Martial Arts
Martial Arts
Water Sports
Martial Arts
Recreation
Racquet Sports
Recreation
Home/Yard Work
Recreation
Recreation
Strength/Conditioning
Racquet Sports
Home/Yard Work
Walking
Strength/Conditioning
Strength/Conditioning
Strength/Conditioning
Walking
Walking
Racquet Sports
Racquet Sports
Home/Yard Work
Recreation
Recreation
Recreation
Aerobics
Aerobics

Rugby [29]
Running ( $10 \mathrm{~min} / \mathrm{mi}$ or $6.2 \mathrm{~min} / \mathrm{km}$ ) [19]
Running ( $12 \mathrm{~min} / \mathrm{mi}$ or $7.5 \mathrm{~min} / \mathrm{km}$ ) [17]
Running ( $5.5 \mathrm{~min} / \mathrm{mi}$ or $3.4 \mathrm{~min} / \mathrm{km}$ ) [46]
Running ( $6 \mathrm{~min} / \mathrm{mi}$ or $3.7 \mathrm{~min} / \mathrm{km}$ ) [44]
Running ( $6.5 \mathrm{~min} / \mathrm{mi}$ or $4 \mathrm{~min} / \mathrm{km}$ ) [40]
Running ( $7 \mathrm{~min} / \mathrm{mi}$ or $4.3 \mathrm{~min} / \mathrm{km}$ ) [37]
Running ( $7.5 \mathrm{~min} / \mathrm{mi}$ or $4.7 \mathrm{~min} / \mathrm{km}$ ) [34]
Running ( $8 \mathrm{~min} / \mathrm{mi}$ or $5 \mathrm{~min} / \mathrm{km}$ ) [32]
Running ( $8.5 \mathrm{~min} / \mathrm{mi}$ or $5.3 \mathrm{~min} / \mathrm{km}$ ) [29]
Running ( $9 \mathrm{~min} / \mathrm{mi}$ or $5.6 \mathrm{~min} / \mathrm{km}$ ) [25]
Running ( $9.5 \mathrm{~min} / \mathrm{mi}$ or $5.9 \mathrm{~min} / \mathrm{km}$ ) [21]
Running hills light effort [32]
Running hills moderate effort [37]
Running hills vigorous effort [44]
Running, stairs, up [37]
Sailing, competitive [14]
Sailing, general [9]
Skateboarding [14]
Skating, ice, rapidly (>9 mph or $>14.5 \mathrm{~km} / \mathrm{h}$ ) [26]
Skating, roller [20]
Ski machine, general [27]
Skiing, cross-country, moderate effort [23]
Skiing, cross-country, slow or light effort [20]
Skiing, cross-country, vigorous effort [26]
Skiing, downhill, light effort [14]
Skiing, downhill, moderate effort [17]
Skiing, downhill, vigorous effort, racing [23]
Skiing, water [17]
Skin diving, scuba diving, general [20]
Snorkeling [14]
Snow shoeing [23]
Snowboarding [17]
Snowmobiling [10]
Soccer, competitive [29]
Soccer, general [20]
Softball or baseball, fast or slow pitch [14]
Spinning class, moderate effort [20]
Spinning class, vigorous effort [30]
Squash [34]
Stair climber, general [17]
Surfing [11]
Swimming laps, light/moderate effort [23]
Swimming laps, vigorous effort [29]
Swimming, leisurely, general [17]
Swimming, treading water, fast/vigorous [29]
Swimming, treading water, moderate effort [17]
Table tennis, ping pong [11]
Tai chi [11]
Tai kwan do [29]
Tennis, doubles [17]

Recreation
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Water Sports
Water Sports
Recreation
Skating
Skating
Snow Sports
Snow Sports
Snow Sports
Snow Sports
Snow Sports
Snow Sports
Snow Sports
Water Sports
Swimming
Swimming
Snow Sports
Snow Sports
Snow Sports
Football/Soccer
Football/Soccer
Recreation
Cycling
Cycling
Racquet Sports
Aerobics
Water Sports
Swimming
Swimming
Swimming
Swimming
Swimming
Racquet Sports
Martial Arts
Martial Arts
Recreation

Tennis, singles [23]
TRX Suspension Training [12]
Volleyball, beach [23]
Volleyball, competitive, in gymnasium [19]
Wakeboarding [17]
Walk/run-playing with children [11]
Walking at mod. pace, walking dog (3 mph or $5 \mathrm{~km} / \mathrm{h}$ )[10]
Walking slow pace ( 2 mph or $3.5 \mathrm{~km} / \mathrm{h}$ ) [7]
Walking very brisk pace ( 4 mph or $6.5 \mathrm{~km} / \mathrm{h}$ ) [11]
Water aerobics, water calisthenics [11]
Water polo [29]
Weight lifting or body building, vigorous effort [18]
Weight lifting, moderate effort [12]
Windsurfing [10]
Yoga, ashtanga or power style [11]
Yoga, bikram or hot style [20]
Yoga, hatha stretching [11]
Yoga, vinyasa style [17]
Zumba, high intensity (1-2 word sentences) [22]
Zumba, moderate (able to talk) [19]

Racquet Sports
Strength/Conditioning
Recreation
Recreation
Water Sports
Walking
Walking
Walking
Walking
Water Sports
Water Sports
Strength/Conditioning
Strength/Conditioning
Water Sports
Strength/Conditioning
Strength/Conditioning
Strength/Conditioning
Strength/Conditioning
Aerobics
Aerobics

# Activity Listing by Points per Minute 

| Points | Activity [Points per minute] | Type |
| :---: | :--- | :--- |
| 7 | Football (US) or baseball, playing catch [7] | Football/Soccer |
|  | Pedometer conversion [7] | Walking |
|  | Walking slow pace (2 mph or $3.5 \mathrm{~km} / \mathrm{h}$ ) [7] | Walking |
| 8 | FitBit Moderate Effort [8] | Walking |
| 9 | Bowling [9] | Recreation |
|  | Canoeing, rowing, light effort [9] | Water Sports |
|  | Cleaning house, general [9] | Home/Yard Work |
|  | Frisbee playing, general [9] | Recreation |
|  | Golf, driving range [9] | Golf |
|  | Sailing, general [9] | Water Sports |
| 10 | Archery [10] | Recreation |
|  | Golf, using power cart [10] | Golf |
|  | Pushing or pulling stroller with child [10] | Walking |
|  | Snowmobiling [10] | Snow Sports |
|  | Walking at mod. pace, walking dog (3 mph or 5 km/h)[10] | Walking |
|  | Windsurfing [10] | Water Sports |
| 11 | Bicycling leisure (<11 mph or <18 km/h) [11] | Cycling |
|  | CrossFit, moderate pace [17] | Aerobics |
|  | Curling [11] | Recreation |
|  | Gymnastics, general [11] | Aerobics |
|  | Horseback riding, general [11] | Recreation |
|  | Moto-cross [11] | Recreation |
|  | Pilates, Beginner [11] | Strength/Muscle Conditioning |
|  | Raking lawn [11] | Home/Yard Work |
|  | Surfing [11] | Water Sports |
|  | Table tennis, ping pong [11] | Racquet Sports |
|  | Tai chi [11] | Martial Arts |
|  | Walk/run-playing with children [11] | Walking |
|  | Walking very brisk pace (4 mph or 6.5 km/h) [11] | Walking |
|  | Water aerobics, water calisthenics [11] | Water Sports |
|  | Yoga, ashtanga or power style [11] | Strength/Muscle Conditioning |
|  | Yoga, hatha stretching [11] | Strength/Muscle Conditioning |
| 12 | FitBit Entry High Effort [12] | Running |
|  | TRX Suspension Training [12] | Strength/Muscle Conditioning |
|  | Weight lifting, moderate effort [12] | Strength/Muscle Conditioning |
| 13 | Badminton, general [13] | Racquet Sports |
|  | Basketball, shooting baskets [13] | Basketball |
|  | Calisthenics, home[13] |  |
|  |  | Aerobics |


| 13 | Dancing, general [13] <br> Feeding livestock, [13] <br> Jogging ( $13 \mathrm{~min} / \mathrm{mi}$ or $8 \mathrm{~min} / \mathrm{km}$ ) [15] <br> Painting, papering, plastering, scraping [13] | Dancing <br> Home/Yard Work <br> Running <br> Home/Yard Work |
| :---: | :---: | :---: |
| 14 | Aerobics, low impact [14] <br> Construction, outside, remodeling [16] <br> Gardening, general [14] <br> Hunting, walking [14] <br> Kayaking [14] <br> Sailing, competitive [14] <br> Skateboarding [14] <br> Skiing, downhill, light effort [14] <br> Snorkeling [14] <br> Softball or baseball, fast or slow pitch [14] | Aerobics <br> Home/Yard Work <br> Home/Yard Work <br> Recreation <br> Water Sports <br> Water Sports <br> Recreation <br> Snow Sports <br> Swimming <br> Recreation |
| 15 | Pilates, Intermediate [15] | Strength/Muscle Conditioning |
| 16 | Bicycling, stationary, light effort [16] <br> Golf, carrying clubs[16] <br> Mowing lawn, general [16] | Cycling <br> Golf <br> Home/Yard Work |
| 17 | Bicycling light effort (12-13 mph or 19-21 km/h) [17] <br> Boxing, punching bag [17] <br> Chopping wood [17] <br> CrossFit, fast pace [23] <br> Dancing, aerobic [17] <br> Fishing in stream, in waders [17] <br> Hiking, cross country [17] <br> Netball, low intensity [17] <br> P90X [17] <br> Paddleball [17] <br> Running ( $12 \mathrm{~min} / \mathrm{mi}$ or $7.5 \mathrm{~min} / \mathrm{km}$ ) [17] <br> Skiing, downhill, moderate effort [17] <br> Skiing, water [17] <br> Snowboarding [17] <br> Stair climber, general [17] <br> Swimming, leisurely, general [17] <br> Swimming, treading water, moderate effort [17] <br> Tennis, doubles [17] <br> Wakeboarding [17] <br> Yoga, vinyasa style [17] | Cycling <br> Recreation <br> Home/Yard Work <br> Aerobics <br> Dancing <br> Recreation <br> Walking <br> Recreation <br> Strength/Muscle Conditioning <br> Racquet Sports <br> Running <br> Snow Sports <br> Water Sports <br> Snow Sports <br> Aerobics <br> Swimming <br> Swimming <br> Recreation <br> Water Sports <br> Strength/Muscle Conditioning |
| 18 | Basketball, nongame, general [18] <br> Pilates, Advanced [18] <br> Weight lifting or body building, vigorous effort [18] | Basketball <br> Strength/Muscle Conditioning <br> Strength/Muscle Conditioning |
| 19 | Elliptical trainer, moderate [19] | Aerobics |


| 19 | Horseback riding, trotting [19] <br> Race walking [19] <br> Running ( $10 \mathrm{~min} / \mathrm{mi}$ or $6.2 \mathrm{~min} / \mathrm{km}$ ) [19] <br> Volleyball, competitive, in gymnasium [19] <br> Zumba, moderate (able to talk) [19] | Recreation <br> Walking <br> Running <br> Recreation <br> Aerobics |
| :---: | :---: | :---: |
| 20 | Aerobics, high impact [20] <br> Backpacking, general [20] <br> Badminton, competitive [20] <br> Bicycling, stationary, moderate effort [20] <br> Canoeing, rowing, moderate effort [20] <br> Football (international style) general [20] <br> Futsal, competitive [20] <br> Karate, moderate effort [20] <br> Kickball [20] <br> Racquetball, general [20] <br> Rowing, stationary, light effort [20] <br> Skating, roller [20] <br> Skiing, cross-country, slow or light effort [20] <br> Skin diving, scuba diving, general [20] <br> Soccer, general [20] <br> Spinning class, moderate effort [20] <br> Yoga, bikram or hot style [20] | Aerobics <br> Recreation <br> Racquet Sports <br> Cycling <br> Water Sports <br> Football/Soccer <br> Football/Soccer <br> Martial Arts <br> Recreation <br> Racquet Sports <br> Aerobics <br> Skating <br> Snow Sports <br> Swimming <br> Football/Soccer <br> Cycling <br> Strength/Muscle Conditioning |
| 21 | Boot Camp [21] <br> Running ( $9.5 \mathrm{~min} / \mathrm{mi}$ or $5.9 \mathrm{~min} / \mathrm{km}$ ) [21] | Aerobics <br> Running |
| 22 | Zumba, high intensity (1-2 word sentences) [22] | Aerobics |
| 23 | Basketball, game [23] <br> Bicycling hills, light effort [23] <br> Bicycling moderate effort (14-15 mph or $22-24 \mathrm{~km} / \mathrm{h}$ ) [23] <br> Circuit training, general [23] <br> Cricket (batting, bowling) [14] <br> Elliptical trainer, vigorous effort [23] <br> Football (US style) touch, flag [23] <br> Hockey [23] <br> Horse racing, galloping [23] <br> Insanity workout (High intensity training) [23] <br> Lacrosse [23] <br> Netball, high intensity [23] <br> Rock climbing, rappelling [23] <br> Skiing, cross-country, moderate effort [23] <br> Skiing, downhill, vigorous effort, racing [23] <br> Snow shoeing [23] <br> Swimming laps, light/moderate effort [23] | Basketball <br> Cycling <br> Cycling <br> Aerobics <br> Recreation <br> Aerobics <br> Football/Soccer <br> Recreation <br> Recreation <br> Aerobics <br> Racquet Sports <br> Recreation <br> Recreation <br> Snow Sports <br> Snow Sports <br> Snow Sports <br> Swimming |


| 23 | Tennis, singles [23] <br> Volleyball, beach [23] | Racquet Sports Recreation |
| :---: | :---: | :---: |
| 24 | Bicycling, BMX or mountain [24] <br> Body Pump [24] <br> Rowing, stationary, moderate effort [24] | Cycling <br> Strength/Muscle Conditioning Aerobics |
| 25 | Running ( $9 \mathrm{~min} / \mathrm{mi}$ or $5.6 \mathrm{~min} / \mathrm{km}$ ) [25] | Running |
| 26 | Boxing, sparring [26] <br> Football (US style) competitive [26] <br> Skating, ice, rapidly ( $>9 \mathrm{mph}$ or $>14.5 \mathrm{~km} / \mathrm{h}$ ) [26] <br> Skiing, cross-country, vigorous effort [26] | Recreation <br> Football/Soccer <br> Skating <br> Snow Sports |
| 27 | Ski machine, general [27] | Snow Sports |
| 29 | Football (international style) competitive [29] <br> Futsal, general [29] <br> Judo [29] <br> Karate, intense effort [29] <br> Kick boxing [29 <br> Racquetball, competitive [29] <br> Rugby [29] <br> Running ( $8.5 \mathrm{~min} / \mathrm{mi}$ or $5.3 \mathrm{~min} / \mathrm{km}$ ) [29] <br> Soccer, competitive [29] <br> Swimming laps, vigorous effort [29] <br> Swimming, treading water, fast/vigorous [29] <br> Tai kwan do [29] <br> Water polo [29] | Football/Soccer <br> Football/Soccer <br> Martial Arts <br> Martial Arts <br> Martial Arts <br> Racquet Sports <br> Recreation <br> Running <br> Football/Soccer <br> Swimming <br> Swimming <br> Martial Arts <br> Water Sports |
| 30 | Bicycling hills, moderate effort [30] <br> Bicycling, stationary, vigorous effort [30] <br> Rope jumping, fast [30] <br> Spinning class, vigorous effort [30] | Cycling <br> Cycling <br> Recreation <br> Cycling |
| 31 | Rock climbing, ascending rock [31] | Recreation |
| 32 | Running ( $8 \mathrm{~min} / \mathrm{mi}$ or $5 \mathrm{~min} / \mathrm{km}$ ) [32] Running hills light effort [32] | Running Running |
| 34 | Bicycling moderately fast (16-17 mph or 25-27 km/h) [34] <br> Canoeing, rowing, crewing, competition [34] <br> Handball, general [34] <br> Jai alai [34] <br> Running ( $7.5 \mathrm{~min} / \mathrm{mi}$ or $4.7 \mathrm{~min} / \mathrm{km}$ ) [34] <br> Squash [34] | Cycling <br> Water Sports <br> Racquet Sports <br> Racquet Sports <br> Running <br> Racquet Sports |
| 37 | Bicycling hills, vigorous effort [37] <br> Running ( $7 \mathrm{~min} / \mathrm{mi}$ or $4.3 \mathrm{~min} / \mathrm{km}$ ) [37] <br> Running hills moderate effort [37] <br> Running, stairs, up [37] | Cycling <br> Running <br> Running <br> Running |


| 40 | Bicycling quickly or fast $(18-19 \mathrm{mph}$ or $29-31 \mathrm{~km} / \mathrm{h})[40]$ | Cycling |
| :---: | :--- | :--- |
|  | Running $(6.5 \mathrm{~min} / \mathrm{mi}$ or $4 \mathrm{~min} / \mathrm{km})[40]$ | Running |
| 44 | Running $(6 \mathrm{~min} / \mathrm{mi}$ or $3.7 \mathrm{~min} / \mathrm{km})[44]$ | Running |
|  | Running hills vigorous effort $[44]$ | Running |
| 46 | Bicycling racing $(>20 \mathrm{mph}$ or $>32 \mathrm{~km} / \mathrm{h})[46]$ | Cycling |
|  | Running $(5.5 \mathrm{~min} / \mathrm{mi}$ or $3.4 \mathrm{~min} / \mathrm{km})[46]$ | Running |

