

Program Guide for Windows

Himal 2.4

Appendix H: Analyses

Richard Salisbury



The Himalayan Database

June 2021

Contents

| Appendix H: Analyses | 3 |
|---------------------------|---|
| Expedition Analysis | |
| Member & Gender Analysis | |
| Member vs. Hired Analysis | |
| Ascent Analysis | |
| Death Analysis | |
| Oxygen Use Analysis | |
| Hired Use Analysis | |
| Summit Bid Analysis | |
| Termination Analysis | |
| | |

Appendix H: Analyses

The commands in the **Analyses** menu provide aggregate information on the expeditions and members in the database (whereas the commands in the Reports menu provide information mostly on individual expeditions and members).

| Th | e Himala | iyan Dat | abase | |
|-------|----------|----------|---------|---|
| Himal | Display | Search | Reports | Analyses |
| | | | | Expeditions |
| | | | | Member & Gender Member vs Hired |
| | | | | Ascents Deaths |
| | | | | Oxygen Use Hired Use Terminations |
| | | | | Repeat Analysis, CTRL+A |

Analyses can be performed on expeditions, members, ascents, deaths, oxygen use, hired use, or combinations thereof.

For each type of analysis, the data can be analyzed in a multitude of ways:

- (1) by groups of peaks within altitude ranges
- (2) by expeditions with a range of years or seasons
- (3) by gender, age, and citizenship
- (4) by members or hired personnel only, or both

The analysis output can be either printed or exported as an Excel spreadsheet. Often the Excel exports contain more data fields than the printed output due to the space constrictions of the printed page.

The most recent analysis can be repeated by selecting Repeat Analysis from the Analyses menu. The previous analysis dialog box will appear with the last set of selected options, which can then be modified. This can be very useful when running a series of analyses where only one or two options are to be varied.

Expedition Analysis

The expedition analysis analyzes climbing by teams, members (total members and members above base camp), and hired personnel above base camp. Success and death rates are given for each category, and expedition duration (average number of days for all expeditions, average number of days for successful expeditions, and average number of days to first summit) is given in the printed report and the Excel export.

| Set Expedition Analysis Criteria | | | | | | |
|----------------------------------|---------|-------|------------|----------|--------------|------|
| | | | | | | |
| Format | Peak A | ltitu | de | | - | |
| Host Cntry | All | | | | | |
| Region | Khumb | u-R | olwaling | Makalu | - | |
| Termination Reason | All | | | | | - |
| Hired Use | All | | | | • | |
| Peak Altitude Range | 6000 | to | 8850 | | - | |
| Year/Season | 1950 | to | 2016 | All | - | |
| Altitude Increment | 500 | | | | | |
| Peak ID | | (or | nit for al | l peaks) | | |
| Commercial/Std Routes | All Pea | ks 8 | Routes | ; | | - |
| | 🔽 inclu | de r | nultiple | seasonal | ascents | |
| | | | - | | id not climb | |
| | Inclu | det | inknowi | n member | s | |
| | ок | | Can | cel | | Help |
| | | | | | | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Expedition analysis are:

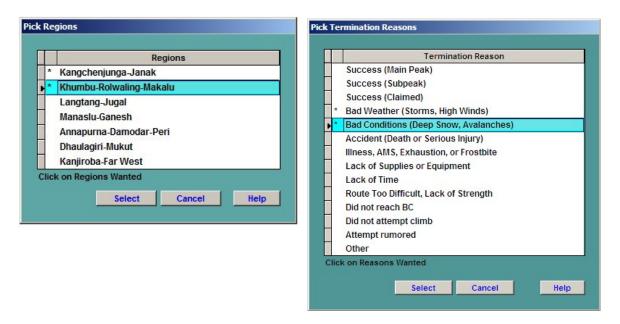
```
Format – emphasis and format of output
      Peak Altitude
     Expedition Year
      Season
Host Cntry
     All
      Nepal
      China
     India
Region – geographical peak region
      All
     Kangchenjunga-Janak
     Khumbu-Rolwaling-Makalu
     Langtang-Jugal
      Manaslu-Ganesh
     Annapurna-Damodar-Peri
      Dhaulagiri-Mukut
     Kanjiroba-Far West
      Combinations
```

Termination Reason All Success (Main Peak) Success (Subpeak) Success (Claimed) Bad Weather (Storms, High Winds) Bad Conditions (Deep Snow, Avalanches) Accident (Death or Serious Injury) Illness, AMS, Exhaustion, or Frostbite Lack of Supplies or Equipment Lack of Time Route Too Difficult, Lack of Strength Did not reach BC Did not attempt Climb Attempt rumored Other Combinations Hired Use A11 Hired Used Above BC No Hired Used Above BC Peak Altitude Range All Peaks 6000ers 7000ers 8000ers *mmmm* to *nnnn* meter peaks Year/Season – expedition year/season range Altitude/Year Increment When the Peak Altitude format is chosen, an altitude step increment may be selected (the default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (the default is 5 years). No increment is available for Season. Peak ID Commercial/Std Routes All Peaks & Routes **Exclude AMCE Commercial Routes** Include only AMCE Commercial Routes **Exclude AMCE Non-Commercial Routes** Include only AMCE Non-Commercial Routes Exclude AMCE Peaks (All Routes) Include only AMCE Peaks (All Routes) **Exclude 8000m Standard Routes** Include only 8000m Standard Routes The AMCE peaks are: Ama Dablam Manaslu

Cho Oyu

Everest The AMCE commercial routes are: AMAD - SW Ridge MANA - NE Face CHOY - NW Ridge EVER - S Col-SE Ridge, N Col-NE Ridge The 8000m standard routes are: KANG - SW Face MAKA - Makalu La-NW Ridge LHOT - W Face EVER - S Col-SE Ridge, N Col-NE Ridge CHOY - NW Ridge MANA - NE Face ANN1 - N Face DHA1 - NE Ridge

Combinations (multiple selections) can be made for the Region and Termination Reason criteria. Clicking on the Combinations choice will bring up a Pick dialog, from which you can select multiple items. In two examples below, Kangchenjunga and Khumbu, and Bad Weather and Bad Conditions are selected.



The following pages show the printed results from the analysis. You may adjust the size of the preview screen on your monitor by using the standard resize boxes on the report window or the Zoom button in the Print Preview box at the top of the report. The navigation buttons in the Print Preview box allow you to page through a multipage report.

When you are finished looking at the preview, close the preview screen by clicking the close box in the upper right corner of the report window. From the Select Output Option box, you can then print the analysis output, preview again, or create an Excel spreadsheet file:

| Ilalysis 0-2016) (Khumbu- 0-2017 121 11357 11357 11357 11357 11357 11357 11357 | |
|--|---|
| Expedition Analysis Iss (6000-8850m) (1950-2016) (0 Members Members Surt Surt Death Death Surt Surt Cuit Rate 136 42.66 4 091 3206 48.66 24 036 930 27.64 42 1.24 113 16.79 18 2.67 113 16.79 18 1.37 11861 36.02 34.6 1.05 | |
| Expedition Analysis Expedition Analysis Find the first in the first interval in the first interval in the first interval in the first interval interva | 30.06.2017 Exnedition Analysis (The Himalayan Database) |

Expedition Analysis Output – By Peak Altitudes

The above example analyzes all expeditions in the Khumbu-Rolwaling-Makalu region from 1950 through 2016 for all peaks from 6000m to 8850m by peak altitude in 500m increments.

| Success Rate Rate 0.00 0.00 0.00 100.00 100.00 99.87 trts bite bite | succes Succes Rate 100.00 0.00 0.00 100.000 100.000 100.000 100000000 | Expeditions Success Success Success Success Success Success Success Success Success Success Success Success Succes | Expedition Analysis by Expedition Years for CHOY (8188m) (1950-2014) Success (Main Peak) | M emb ers Hir | ccess Total Abv BC Smt Smt Death Death Abv BC Smt Smt Death ate Cnt Cnt Cnt Rate Cnt Rate Cnt Cnt Rate Cnt | 3 3 2 66.66 0 0.00 7 1 | 8 6 1 16.66 1 16.66 7 1 1 | | | | 25 24 15 62.50 0 0.00 14 4 2 | 259 253 122 48.22 2 0.79 57 13 | 635 605 260 42.97 5 0.82 116 41 | 11166 1117 500 44.76 6 0.53 235 113 | 1174 1119 566 50.58 7 0.62 387 252 | 1 1276 1218 746 61.24 5 0.41 464 | 495 473 297 62.79 | 87 5046 4823 2511 52.06 26 0.53 1532 959 62.59 1 |
|--|--|--|--|---------------|---|------------------------|---------------------------|--|--|--|------------------------------|--------------------------------|---------------------------------|-------------------------------------|------------------------------------|----------------------------------|-------------------|--|
|--|--|--|--|---------------|---|------------------------|---------------------------|--|--|--|------------------------------|--------------------------------|---------------------------------|-------------------------------------|------------------------------------|----------------------------------|-------------------|--|

Expedition Analysis Output – By Expedition Years

The above example analyzes all expeditions to Cho Oyu from 1950 through 2014 in 5-year increments.

| |)a | 58.24 0.00 36.91 35.00 | | |
|--|---|--------------------------------------|---|--|
| | Average Nbr Days Exp Suc Exp Sm Lays Days Day | 43.3/ 0.00 41.35 44.00 | | |
| | Average Nbr I All Exp Suc Exp Days Days | 40./6 48.57 39.88 46.85 | | |
| | | 0./0 0.00 1.44 1.20 | | |
| | - | 0 6 1 | | |
| | Hired Smt <u>Rate</u> | 10.43 0.00 0.00 0.00 | | |
| | Hi Cnt Cnt | 5458 0 65 0 | | |
| (010) | Aby BC Cut | 17 17 623 83 | | |
| Expedition Analysis by Seasons for EVER (8850m) (1990-2016) | | 0.00 | | |
| Expedition Analysis sfor EVER (8850m) (199 | | 102 9 0 | | |
| peditio | Smt Rate | 49.24 0.00 10.79 10.90 | | |
| EX] Isons for | Members Smt Sn Cnt Ra | 56/2 0 106 6 | | |
| by Sea | Abr BC Cnt | 51 51 982 55 | | |
| | Total Abv BC Cnt Cnt | 936/ 54 1114 65 | | 3 |
| | | 66.22 0.00 24.46 14.29 | nts s) anches) ibite ghh | van Databe |
| | | 996 0 34 1 | onal asce igh Wind now, Aval ous Injury, n, or Frosi pment k of Strer | e film al a |
| | E | 1304 10 139 7 | tiple seas Peak) eak) eak) forms, H Storms, H or Seric for the seas for Equi | ed ed alvsis (11 |
| | | | als exclude multiple seasonal ascents on Summary <u>Reason</u> Success (Naim Peak) Success (Subpeak) Success (Subpeak) Success (Claimed) Bad Weather (Stoms, High Winds) Bad Weather (Stoms, High Winds) Bad Weather (Stoms, High Winds) Bad Weather (Stoms, High Winds) Bad Weather (Stoms, High Winds) Illness, AMS, Exhuusion, or Frostbite Lack of Stupplies or Equipment Lack of Time Route Too Difficult, Lack of Strength Did not reach BC | Did not attempt clumb Attempt rum or ed Other Ex pedition Analysis (|
| | | Spring Summer Autumn Winter | | Did not attempt clumb Attempt rum or ed 145 Other 30.06.2017 Ex redition Analysis (The Him alayan Database) |

 $Expedition \ Analysis \ Output-By \ Seasons$

The above example analyzes all expeditions to Everest from 1990 through 2016 by season.

| Expeditions Total Success Success Success Success Total Success 73 73 100.00 33 37 3100.00 34 49 49 100.00 34 43 44 44 70 70 100.00 34 44 44 44 44 45 44< | Expedition Analysis by Expedition Y ears for EVER (8850m) (2007-2016) | Success (Main Peak) | thers Hired Hired Hired | Rate Cut Rate Cut Cut Rate Cut Rate | 314 64.34 4 0.82 455 297 65.27 0 0.00 40.05 40.05 | 231 65.43 1 0.28 279 195 69.89 0 0.00 43.35 43.35 | 230 67.64 2 0.58 347 229 65.99 1 0.28 40.00 40.00 | 65.64 3 0.76 418 272 65.07 0 0.00 42.07 | 0.55 414 275 66.42 | 65.71 7 1.66 428 276 64.48 2 0.46 42.82 | 69.54 3 0.68 532 349 65.60 4 0.75 37.64 | 76.05 0 0.00 95 74 77.89 0 0.00 41.90 | 0.00 0 0.00 0 0 0.00 0 0.00 0 0.00 | 74.58 5 1.19 448 352 78.57 | 28 67.94 27 0.82 3416 2319 67.88 7 0.20 39.91 39.91 | | | | | | | | | | | | | | | | | |
|--|--|---------------------|-------------------------|---------------------------------------|---|---|---|---|--------------------|---|---|---------------------------------------|------------------------------------|----------------------------|---|---------------------|--------|---------------------|-------------------|-------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|--------------|---------------------------|------------------|-----------------------|-------------------|-------|--|
| Expeditions Total Success Success <thsucess< th=""> Sucess <thsucess< td=""><td>] by Expedition !</td><th></th><td></td><td></td><td>488</td><td>353</td><td>340</td><td>390</td><td>360</td><td>420</td><td>440</td><td>71</td><td>0</td><td>417</td><td></td><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thsucess<></thsucess<> |] by Expedition ! | | | | 488 | 353 | 340 | 390 | 360 | 420 | 440 | 71 | 0 | 417 | | | | | | | | | | | | | | | | | | |
| Exp Total S 73 73 73 73 70 71 </td <td></td> <th></th> <td>editions</td> <td>Cnt Rate</td> <td></td> <td>100.00</td> <th></th> <td></td> <td></td> <td></td> <td></td> <td>gh Winds)</td> <td>tow, Avalanches)</td> <td>us Injury)</td> <td>, or Frostbite</td> <td>pm ent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | editions | Cnt Rate | | | | | | | | | | | 100.00 | | | | | | gh Winds) | tow, Avalanches) | us Injury) | , or Frostbite | pm ent | | | | | | | |
| | | | dx 3 | 5 | 73 | 49 | 55 | 70 | 65 | 69 | 70 | 11 | 0 | 71 | | Termination Summary | Reason | Success (Main Peak) | Success (Subpeak) | Success (Claimed) | Bad Weather (Storms, Hi | Bad Conditions (Deep Sn | Accident (Death or Serior | Illness, AMS, Exhaustion, | Lack of Supplies or Equip | Lack of Time | Route Too Difficult, Lack | Did not reach BC | Did not attempt climb | Attempt rum or ed | Other | |

Expedition Analysis Output – Successful Expeditions

The above example analyzes all successful expeditions to Everest from 2007 through 2016 (ten years) in 1-year increments.

Member & Gender Analysis

The member and gender analysis analyzes climbing by members above base camp. Success and death rates broken out by gender are given in the printed report and the Excel export.

| Set Member & Gender Analysis | Criteria |
|------------------------------|-------------------------------------|
| | |
| Format | Age |
| Host Cntry | |
| Group | Members Only |
| 0xygen Use | All |
| Hired Use | All |
| Summit Bid | All |
| Summit Termination | All |
| Peak Altitude Range | 8188 to 8188 |
| Year/Season | 1950 to 2016 All |
| Age Increment | 5 |
| Age Starting Point | 0 (omit for all ages) |
| Peak ID | CHOY (omit for all peaks) |
| Citizenship | |
| Commercial/Std Routes | All Peaks & Routes |
| | ✓ Include multiple seasonal ascents |
| | |
| Reset to Defaults | OK Cancel Help |
| Noser to Denatities | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Member & Gender analysis are:

Format – emphasis and format of output Peak Altitude Expedition Year Season Age Citizenship Host Cntry All Nepal China India Group Members Only Hired Only Members & Hired

Oxygen Use All Oxvgen Used No Oxygen Used Hired Use A11 Hired Used Above BC No Hired Used Above BC Unknown Hired Used Above BC Summit Bid A11 No summit bid Aborted below high camp Aborted at high camp Aborted above high camp Successful bid Combinations Summit Termination All Success Success (Subpeak) Bad Weather (Storms, High Winds) Bad Conditions (Deep Snow, Avalanches, Falling Rock/Ice) Accident (Death or Injury to Self or Others) Altitude (AMS Symptoms, Breathing or Unwell) Exhaustion, Fatigue, Weakness or Lack of Motivation Frostbite. Snowblindness or Coldness Other Illnesses or Pains Lack of Supplies/Support or Equipment Problems O2 System Failure Route Difficulty, Intimidation or Insufficient Ability Too Late in Day or Too Slow Assisting, Guiding, Supporting or Accompanying Others **Route/Camp** Preparation or Fixing Rope Insufficient Time Left for Expedition Did Not Climb or Intend to Smt Other Unknown Combinations Peak Altitude Range All Peaks 6000ers 7000ers 8000ers *mmmm* to *nnnn* meter peaks Year/Season – expedition year/season range Altitude/Year/Age Increment & Age Starting Point When the Peak Altitude format is chosen, an altitude step increment may be selected (the default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (the default is 5 years). When the Age format is chosen, an age step increment and starting point may be selected (the default is 5 years). No increments are available for the Season and Citizenship formats.

Order & Minimum Above BC

When the Citizenship format is chosen, the output order may be sorted by one of the orders below (the default is Country Name).

Country Name Members Above BC Ascents Ascent Rate

Deaths

Death Rate

The output may be limited to nations with "n" members above BC. Peak ID

Commercial/Std Routes (see "*Expedition Analysis*" above)

Combinations (multiple selections) can be made for the Summit Bid and Summit Termination criteria. Clicking on the Combinations choice will bring up a Pick dialog, from which you can select multiple items.

| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | Deaths Deaths Rate Cmt R 0.63 0 0.0 0.63 0 0.00 0.00 0 0.00 0.17 10 10 0.49 3 4 0.77 10 0.47 0.47 4 2 0.966 6 3 0.978 3 4 0.177 10 0.47 0.177 10 0.47 0.177 10 0.47 0.177 10 0.47 0.169 6 6 0.000 0 0 0.000 0 0 0.55 35 0.55 | ¹⁵ Female Rate Cnt E 0.00 1 0.00 1 0.43 1 0.43 1 0.43 1 0.43 1 0.43 0 0.43 1 0.42 0 0.37 0 0.00 0 0.0 | Rate 9.09 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
|---|--|--|---|
| Members/blove BC Ascents Ascents Total Mate Total Mate Emate Cut Mate Cut Rate Cut Rat | Deaths Deaths Rate Cmt Male 0.65 0.05 0 0.055 0 0.00 0 0.000 0 0.00 0 0 0.17 10 0 10 0.05 0 0.17 10 0 2 0 0.05 0 | Femal 2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Rate 9.09 9.09 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| | Rate Cnt R 0.65 0.65 0 0.05 0.00 0 0.00 0.00 0 0.17 10 3 0.17 4 2 0.17 4 2 0.17 4 2 0.17 4 2 0.17 4 2 0.17 4 2 0.17 4 2 0.196 6 0 0.100 0 0 0.16 1 1 0.16 1 1 0.155 35 35 | 3 00000100100011 3 | Rate 9.09 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| 158 147 11 79 50.00 74 50.34 5 45.45 20 16 4 7 55.00 6 57.50 0 000 0 000 256 221 351 106 41.40 88 33.81 18 51.42 805 693 112 323 475 40.18 418 39.81 55 41.44 805 693 112 323 475 40.18 418 39.81 57 41.44 805 633 117 446 57 42.89 58 40.27 1064 947 117 446 57 42.89 58 42.47 830 732 98 370 33 35.67 33.47 35.47 830 732 98 37.0 38.8 418 39.81 57 41.41 157 161 144 57 42.60 489 42.89 40.27 830 732 28 83 39.81 | 30 1 0 0 m 0 0 7 4 10 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | 9.09 0.00 0.00 0.00 0.00 0.00 0.00 0.39 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 30 30 100 200 100 200 200 200 200 200 200 20 | | 0.00 0.85 0.00 0.00 0.00 0.00 0.00 0.00 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0 0 m 4 0 4 0 0 m 0 0 1 1 5 5 | | 0.00 0.85 0.00 0.00 0.00 0.00 0.00 0.00 |
| | 0 @ 4 0 4 0 9 @ 0 0 1 1 <u>%</u> | | 0.00 0.89 0.00 0.00 0.00 0.00 0.00 0.39 |
| 805 693 112 328 40.74 278 40.11 50 44.64 1182 1050 132 475 40.18 418 39.81 57 43.18 1284 1140 144 547 42.60 489 42.89 58 40.271 1284 1140 144 547 42.60 489 42.89 58 40.271 1064 947 117 416 39.09 378 39.91 38 32.471 830 571 57 179 28.82 98 32.671 33.671 621 571 50 179 28.82 165 37.70 33 33.671 336 511 25 98 30.93 37.22 276 37.70 38 33.671 621 571 50 179 28.86 88 28.289 14 28.001 173 157 16 60 34.68 83 38.24 10 62.501 173 117 2616 60 34.68 50 31.84 10 62.501 173 50 1 6 65 38.67 5 50. | w + 0 + 0 × 0 × 0 × 1 + 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 | | 0.89 0.00 0.00 0.00 0.00 0.00 0.00 0.39 |
| 1182 1050 132 475 40.18 418 39.81 57 43.18 1284 1140 144 547 42.60 489 42.89 58 40.27 1064 947 117 416 39.09 378 39.91 38 32.47 830 732 98 309 3722 276 37.70 33 33.67 621 571 50 179 28.82 97 38.29 14 28.00 336 311 25 97 28.66 88 28.29 14 28.00 336 311 25 16 60 37.65 38.29 14 28.00 336 177 16 60 34.68 88 28.29 14 28.00 175 16 60 35.66 14 35.89 14 28.00 21 20 1 6 28.57 5 25.00 1 100.00 6797 6046 751 2625 38.62 28.41 100.00 | 10 10 33 10 00 35 | | 0.00 0.00 0.00 0.00 0.00 0.00 0.39 |
| 1284 1140 144 547 42.60 489 42.89 58 40.27 1064 947 117 416 59.09 578 39.91 38 52.47 830 732 98 309 578 39.91 38 52.47 830 732 98 309 577 53 33.67 621 571 50 179 28.82 58 31.4 28.00 336 311 251 97 28.86 88 28.29 9 56.00 173 157 16 66 36.36 14 35.89 14 28.00 44 39 5 16 35.36 14 35.89 14 20.01 173 157 161 6 28.57 5 25.00 1 00.00 21 20 1 6 28.57 5 25.00 1 100.00 6797 6046 751 2625 38.62 23.52 296 39.41 | 10 0 0 3 6 2 4 4 0 0 3 5 6 2 4 4 6 0 0 3 5 6 2 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | 0.00 0.85 0.00 0.00 0.00 0.39 |
| 1064 947 117 116 39.09 378 39.91 38 32.47 830 732 98 309 37.22 276 37.70 33 33.67 621 571 50 179 28.82 165 28.89 14 28.00 336 311 251 97 28.86 88 28.29 9 36.00 173 157 161 60 34.68 50 31.84 10 62.50 44 39 5 1 6 38.57 5 25.00 1 100.00 21 20 1 265 38.62 28.59 38.52 29.41 Above BC totals include unlanown members | 4 1 9 0 0 0 V 4 | | 0.85 0.00 0.00 0.00 0.00 0.39 |
| 830 732 98 309 37.22 276 37.70 33 33.67 621 571 50 179 28.82 165 28.89 14 28.00 336 311 251 97 28.86 88 28.29 9 36.00 173 157 161 60 34.68 50 31.84 10 62.50 44 39 51 16 60 34.68 50 21 00 21 20 1 6 36.56 14 35.00 1 0.001 21 39 51 16 60 34.68 50 31.84 10 62.50 21 20 1 6 36.56 1 5 50.01 1 100.001 Above BC totals include unlanown members tals exonal ascents | 33 35 10003 85 | | 0.00 0.00 0.00 0.00 0.00 0.39 |
| 621 571 50 179 28.82 165 28.89 14 28.00 336 311 25 97 28.82 165 28.89 14 28.00 173 157 16 60 34.68 50 31.84 10 62.50 44 39 5 16 60 34.68 50 31.84 10 62.50 21 20 1 6 36.36 14 35.89 2 40.00 Above BC totals include unknown members 6797 6046 751 2625 38.62 232.9 38.52 296 39.41 | 33 1 0 0 3 0 | | 0.00 0.00 0.00 0.39 |
| 336 311 25 97 28.86 88 28.29 9 36.00 173 157 16 60 34.68 50 31.84 10 62.50 44 39 5 16 60 34.68 50 31.84 10 62.50 21 20 1 6 36.36 14 35.89 2 40.00 Above BC totals include unknown members 6797 6046 751 2625 38.62 2329 38.52 296 39.41 | 35 | | 0.00 0.00 0.00 0.39 |
| 173 157 16 60 34.68 50 31.84 10 62.50 44 39 5 16 36.36 14 35.89 2 40.00 21 20 1 6 36.36 14 35.89 2 40.00 Totals 6797 6046 751 2625 38.62 2329 38.52 296 39.41 Above BC totals include unknown members tals exclude multiple seasonal ascents | 35 | | 0.00 0.00 0.39 |
| 44 39 5 16 36.36 14 35.89 2 40.00 21 20 1 6 28.57 5 25.00 1 100.00 Above BC totals include unknown members tals exclude multiple seasonal ascents | 35 | | 0.00 |
| 21 20 1 6 28.57 5 25.00 1 100.00 Totals 6797 6046 751 2625 38.62 2329 38.52 296 39.41 Above BC totals include unknown members tals exclude multiple seasonal ascents | 35. | | 0.00 |
| Totals 6797 6046 751 2625 38.62 2329 38.52 296 39.41 Abore BC totals include unknown members tals exclude multiple seasonal ascents 2625 38.62 2329 38.52 296 39.41 | 33 | | 0.39 |
| 751 2625 38.62 2329 38.52 296 39.41 | 8 | | 0.39 |
| cent to tars excurate multiplies easonal ascents | | | |
| | | | |
| Death totals include only those who went above BC Summit Pid Summary | | | |
| | | | |
| Cut Type Cut Reason Cut Reason 1577 No summit bid 2626 Success 4 02 System Failure | Failure | | |
| 242 Aborted below high camp 0 Success (Subpeak) 68 Route Diff | Route Difficulty, Intimidation or Insufficient Ability | Insufficient Ability | y |
| 440 Aborted at high camp 827 Bad Weather (Storms, High Winds) 80 Too Late i | Too Late in Day or Too Slow | | |
| und 246 Bad Conditions (Deep Snow, Avalanches, Falting Rock/Ice) 77 | Assisting Guiding Supporting or Accompanying Others | Accompanying O | thers |
| Successful bid 42 Accident (Death or Iniury to Self or Others) 15 | Route Camp Preparation or Fixing Rope | g Rope | |
| 288 Altitude (AMS Symmotoms Breathing or Unwell) | Insufficient Time Left for Exnedition | tion | |
| as Cummans. All Tuburity Engine Waltance of Advingtion 60 | Did Not Climb or Intend to Smt | | |
| | | | |
| All 188 Frostofte, Snowblindness of Coldness 148 | | | |
| 39.86 Men 233 Other Illnesses or Pains 229 Unknown | | | |
| 38.29 Women 54 Lack of Supplies Support or Equipment Problems 1115 Unspecified | ų | | |
| | | | |
| 30062017 Member & Gender Analysis (The Himalayan Database) | | | Page 1 |

Member & Gender Analysis Output – By Age for Cho Oyu

The above example analyzes members by gender for Cho Oyu from 1950 through 2016 by age in 5-year increments.

| I 1000 1000 1000 1000 1000 1000 1000 10 | | by Age for CHOY (8188m) (1950-2016) Members Only Ascents Total Male Fen | | | | | | | | |
|--|---|--|--------------------|-----------|---------------------------|---|---------------|--------------|--------------|--------|
| emb ers Abov Male Cnt 147 147 2 2 16 221 693 11950 1140 947 947 732 571 571 511 571 571 571 571 571 571 571 | Total Total 201 79 79 79 79 79 71 79 70 70 70 70 70 70 70 70 70 70 | Asc | 38m) (1950 Only | 2016) | | | | | | |
| Cm 147 147 2 2 2 2 2 2 2 2 2 16 9 3 1140 947 947 571 571 571 571 571 572 571 572 571 572 571 572 572 572 572 572 572 572 572 572 572 | Car 79 79 79 79 79 74 77 74 74 75 416 547 179 805 805 16 16 | | ents a le | Female | | Total | Deaths | ths le | Female | |
| 147 2 16 521 693 1160 947 1140 1140 1140 1140 1157 311 311 | 79 79 747 747 747 747 747 747 710 710 710 710 710 710 710 710 710 71 | te Cnt | Rate | Cnt Rat | Rate Cut | Rate | Cut | Rate | Cut H | Rate |
| 2 16 16 221 221 221 231 140 947 1140 1140 1140 1140 1140 1140 1140 11 | 0 0 106 328 475 475 416 179 91 179 91 16 16 | 50.00 74 | 50.34 | 5 45. | 45.45 | 0.63 | 0 | 0.00 | 1 | 60.6 |
| 16 221 221 1050 1140 1140 1140 1140 1140 1140 1157 311 311 | 106 328 547 547 547 547 510 309 97 97 97 97 16 | 0 00.0 | 0.00 | 0 0. | 0.00 0.00 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 221 693 1140 1140 1140 732 571 571 511 157 | 106 328 547 547 416 416 309 179 97 60 16 | 35.00 6 | 37.50 | 1 25. | 25.00 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 693 1050 1140 947 732 571 511 511 311 351 | 328 475 547 547 547 547 547 10 309 97 97 160 160 | 41.40 88 | 39.81 | 18 51. | 51.42 | 0.78 | 2 | 06.0 | 0 | 0.00 |
| 1050 1140 947 732 711 311 157 30 | 475 547 547 547 10 309 97 179 97 160 116 | 40.74 278 | 40.11 | 50 44. | 44.64 | 0.49 | 3 | 0.43 | 1 | 0.89 |
| 1140 947 732 732 311 157 30 157 30 | 547 1 416 309 1 79 97 60 16 | 40.18 418 | 39.81 | 57 43. | 43.18 4 | 0.33 | 4 | 0.38 | 0 | 0.00 |
| 947 732 311 157 30 157 30 | 416 309 179 97 60 16 | 42.60 489 | 42.89 | | 40.27 10 | | 10 | 0.87 | 0 | 0.00 |
| 732 571 311 157 36 | 309 179 97 60 16 | 39.09 378 | 39.91 | 38 32. | 32.47 5 | 0.47 | 4 | 0.42 | 1 | 0.85 |
| 571 311 157 30 | 179 97 60 16 | 22 276 | 37.70 | | 33.67 2 | 0.24 | 2 | 0.27 | 0 | 0.00 |
| 311 157 30 | 97 60 16 | .82 165 | 28.89 | | 28.00 6 | | 9 | 1.05 | 0 | 0.00 |
| 157 30 | 60 16 | 28.86 88 | 28.29 | 9 36. | 36.00 3 | 0.89 | 3 | 96.0 | 0 | 0.00 |
| 30 | 16 | 68 50 | 31.84 | 10 62. | 62.50 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 24 | | | 35.89 | 2 40. | 40.00 | 0.00 | 0 | 00.0 | 0 | 0.00 |
| 21 20 1 | 6 28.57 | | 25.00 | 1 100. | 100.00 | 4.76 | 1 | 5.00 | 0 | 0.00 |
| Totals 6797 6046 751 | 2625 38.62 | 62 2329 | 38.52 | 296 39.41 | 41 38 | 0.55 | 35 | 0.57 | 6 | 0.39 |
| Member Above BC totals include unknow n members | | | | | | | | | | |
| Ascent totals exclude multiple seasonal ascents | | | | | | | | | | |
| ıly those who went a | | | | | | | | | | |
| Summit Bid Summary Summit Bid Termination Summary | nation Summary | | | | | | | | | |
| Type Cnt Reason No summit bid 2626 Success | П | | | | Cnt Reason 4 02 System | Reason 02 System Failure | | | | |
| Aborted below high camp 0 Success (| Success (Subpeak) | | | | 68 Route | Route Difficulty, Intimi dation or Insufficient Ability | ntimi dati on | or Insuffici | ient Ability | |
| 827 | Bad Weather (Storms, High Winds) | (spuids) | | | S0 TooL | Too Late in Day or Too Slow | Too Slow | | | |
| amp 246 | Bad Conditions (Deep Snow, Avalanches, Falling Rock/Ice) | w. Avalanches | . Falting Rock | k(lce) | 77 Assist | Assisting. Guiding Supporting or Accompanying Others | Supporting | z or Accom | toanving Ot | hers |
| 42 | Accident (Death or Injury to Self or Others) | o Self or Other | ts) | | 15 Route | Route Camp Preparation or Fixing Rope | ration or Fi | xing Rope | | |
| 280 | Altitude (AMS Symptoms Breathing or Housell) | Breathing or I | Thurst | | | Insufficient Time I aft for Exnedition | aft for Evn | adition | | |
| | | Summer of the second | P.V. Contraction | | | The second | | | | |
| C++ | ion, r augue, weaki | TIESS OF LACK O | HOUR VIDAL IO | | | of Chille of 1 | The of Difall | 11 | | |
| | Frostbite, Snowblindness or Coldness | r Coldness | | | | | | | | |
| 283 Other Iltr | Other Illnesses or Pains | | | | 229 Unknown | umu | | | | |
| Women 54 Lack of S | Lack of Supplies/Support or Equipment Problems | r Equipment P | Problems | | 1115 Unspecified | scified | | | | |
| | | | | | | | | | | |
| 30/06/2017 Member & Gender Analysis (The Himalayan Database) | ase) | | | | | | | | | Page 1 |
| | | | | | | | | | | |

Member & Gender Analysis Output – By Age for Cho Oyu

The above example analyzes members by gender for Cho Oyu from 1950 through 2016 by age in 5-year increments.

| | | | | Men | uber & | Gend | Member & Gender Analysis | lysis | | | | | | | |
|--|-------------------|----------------------------------|-------------------|--------------------------|--|------------------|--|----------|----------|---------------------------------------|--------------------------------|-------------|---------------------------------------|--|--------|
| | | | yd N. | Citizens linimum | hip for C | hove B | by Citizenship for CHOY (8188m) (1950-2016) Minimum of 200 Above BC, Members Only | bers Onl | 16) y | | | | | | |
| Io | Member Total M | Members Above BC al Male Femi | e BC Female | Total | - | A scents Male | nts le | Female | ale | Total | al | De | Deaths Male | Female | le |
| | | | Cut | Cut | Rate | Cut | Rate | Cut | Rate | Cnt | | Cut | Rate | Cut | Rate |
| -0 - | 510 | 250 | 52 | 12/ | 40.19 | 121 | 41.29 | 0 | 20.00 | 0. | 00.0 | 0 0 | 00.0 | 0 - | 0.00 |
| Germant: | | 114 | 28 | 011 | 38.18 | 180 | 40.12 | 1 5 | 117 00 | - 1 | +7-0 | o v | 1 06 | - 0 | 10.0 |
| | | 476 | 35 | 142 | 27.78 | 132 | 27.73 | 10 | 28.57 | | 0.19 | - | 0.21 | 0 | 00.0 |
| | | 319 | 63 | 225 | 58.90 | 179 | 56.11 | 46 | 73.01 | 1 | 0.26 | 1 | 0.31 | 0 | 00.0 |
| 1 | | 249 | 12 | 67 | 25.67 | 64 | 25.70 | 6 | 25.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 9 | | 569 | 46 | 199 | 32.35 | 186 | 32.68 | 13 | 28.26 | 7 | 0.32 | 2 | 0.35 | 0 | 0.00 |
| Switzerland 2 | | 255 | 36 | 112 | 38.48 | 96 | 37.64 | 16 | 44.44 | 9 | 2.06 | 9 | 2.35 | 0 | 00.0 |
| 4 | | 436 | 44 | 170 | 35.41 | 150 | 34.40 | 20 | 45.45 | 1 | 0.20 | 1 | 0.22 | 0 | 00.0 |
| | | 677 | 06 | 305 | 39.76 | 272 | 40.17 | 33 | 36.66 | 1 | 0.13 | 1 | 0.14 | 0 | 00.0 |
| **All others** 22 | 2231 1 | 1942 | 289 | 960 | 43.03 | 835 | 42.99 | 125 | 43.25 | 20 | 0.89 | 18 | 0.92 | 2 | 0.69 |
| Totals 6797 | | 6046 | 751 | 2625 | 38.62 | 2329 | 38.52 | 296 | 39.41 | 38 | 0.55 | 35 | 0.57 | 9 | 0.39 |
| 2 | | | | | | | | | 1000 | | | | | | |
| Cut Type 1577 No summit bid | - 0 | Cnt Reaso 2626 Success | Reason uccess | | | | | | Cnt 4 | <u>Reason</u> 02 System Failure | n Failure | | | | |
| 242 Aborted below high camp | | 0 Suc | Success (Subpeak) | peak) | | | | | 68 | Route Dit | ficulty. In | timi dati o | in or Insuffi | Route Difficulty. Intimidation or Insufficient Ability | R |
| | | 827 Bad | Weather | (Storms, 1 | Bad Weather (Storms, High Winds) | 1s) | | | 80 | Too Late | Too Late in Day or Too Slow | Too Slow | Δ | | |
| | | | Conditio | ns (Deep | Snow, Ave | danches. | Bad Conditions (Deep Snow, Avalanches, Falling Rock/Ice) | ock/Ice) | 77 | Assisting. | Guiding | Supportin | ng or Acco | Assisting, Guiding, Supporting or Accompanying Others | Others |
| | | | ident (De | ath or Iniu | Accident (Death or Injury to Self or Others) | or Others | c) (5 | | 15 | Route/Ca | np Prepat | ration or F | Route Camp Preparation or Fixing Rope | | |
| | | 288 Altri | tude (AM | S Sympto | Altitude (AMS Symptoms, Breathing or Unwell) | ning or U | nwell) | | 4 | Insufficient Time Left for Expedition | rt Time L | eft for Ex | pedition | | |
| | | 443 Exh | austion, F | atigue, W | eakness o | r Lack of | Exhaustion, Fatigue, Weakness or Lack of Motivation | u | 60 | Did Not (| Did Not Climb or Intend to Smt | ntend to S | Smt | | |
| | | 188 Fros | stbite, Sno | wblindne | Frostbite, Snowblindness or Coldness | ness | | | 148 | Other | | | | | |
| | | 283 Othe | er Illnesse | Other Illnesses or Pains | | | | | 229 | Unknown | | | | | |
| | | 54 Lacl | k of Supp. | lies/Suppo | Lack of Supplies/Support or Equipment Problems | pment Pr | roblem s | | 1115 | | ed | | | | |
| | | | | | | | | | | | | | | | |
| 30.06.2017 Member & Gender Analysis (The Himalayan Database) | (The Him | alayan Da | ttabase) | | | | | | | | | | | | Page 1 |
| | | | | | | | | | | | | | | | 0 |

Member & Gender Analysis Output – By Citizenship for Cho \mbox{Oyu}

The above example analyzes members by gender for Cho Oyu from 1950 through 2016 by citizenship for countries with 200 or more members above base camp.

Member vs. Hired Analysis

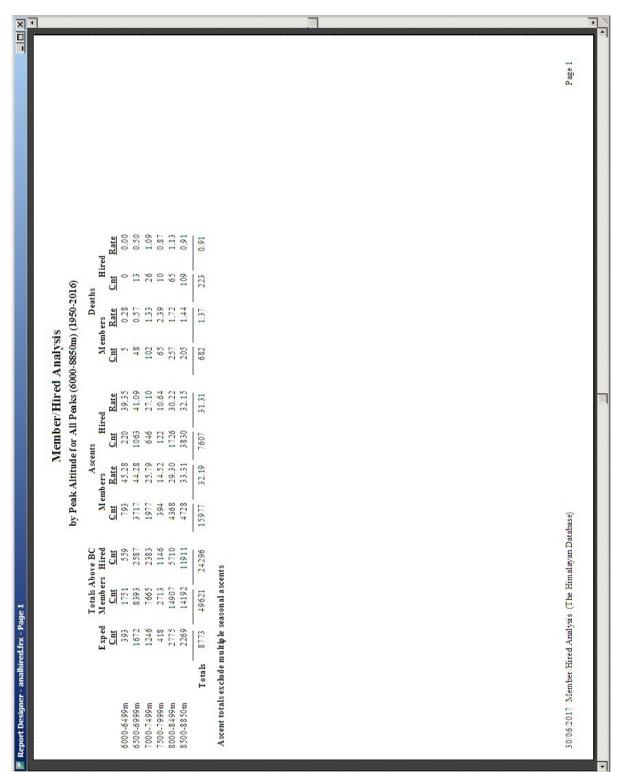
The member vs. hired analysis analyzes climbing by members (total members and members above base camp) and hired personnel above base camp. Success and death rates are given for each group in the printed report and the Excel export. The Excel export also gives gender totals for members above base camp.

| Set Member/Hired Analysis Crit | eria | | | | | | |
|--------------------------------|-----------------------------------|--|--|--|--|--|--|
| Format | Peak Altitude | | | | | | |
| Host Cntry | All | | | | | | |
| Peak Altitude Range | 6000 to 8850 🔽 | | | | | | |
| Year/Season | 1950 to 2016 All 🔻 | | | | | | |
| Altitude Increment | 500 | | | | | | |
| Peak ID | Peak ID (omit for all peaks) | | | | | | |
| Commercial/Std Routes | All Peaks & Routes 📃 🔽 | | | | | | |
| | Include multiple seasonal ascents | | | | | | |
| Reset to Defaults | OK Cancel Help | | | | | | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Member vs. Hired analysis are:

Format – emphasis and format of output Peak Altitude **Expedition** Year Season Host Cntry All Nepal China India Peak Altitude Range All Peaks 6000ers 7000ers 8000ers *mmmm* to *nnnn* meter peaks Year/Season – expedition year/season range Altitude/Year Increment When the Peak Altitude format is chosen, an altitude step increment may be selected (the default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (the default is 5 years). No increment is available for Season.



Peak ID Commercial/Std Routes (see "*Expedition Analysis*" above)

Member vs. Hired Analysis Output – By Altitude for all peaks from 6000m to 8850m.

Member vs. Hired Analysis Output – By Expedition Year for Dhaulagiri I

The above example analyzes members vs. hired personnel for Dhaulagiri I from 1950 through 2016 by expedition years in 5-year increments.

Ascent Analysis

The ascent analysis analyzes ascents by members and hired personnel above base camp. Numbers above base camp, ascent counts, ascent rates, and oxygen use are given for each group in the printed report and the Excel export.

| Set Ascent Analysis Criteria | |
|------------------------------|-------------------------------------|
| | |
| Format | Peak Altitude |
| Host Cntry | |
| Region | All |
| Group | Members Only |
| Team Success | All Teams |
| Oxygen Use | All |
| Hired Use | All |
| Peak Altitude Range | 7555 to 7555 |
| Year/Season | 1950 to 2016 All |
| | |
| Altitude Increment | 1000 |
| | |
| Peak ID | ANN3 (omit for all peaks) |
| Citizenship | |
| Commercial/Std Routes | All Peaks & Routes 🔽 |
| | 🔽 Include multiple seasonal ascents |
| | |
| Reset to Defaults | OK Cancel Help |
| | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Ascent analysis are:

Format – emphasis and format of output Peak Altitude Expedition Year Season Age Citizenship Time of Summit Date of Summit Team Size (Mbrs Abv BC) Team Size (Hired Abv BC) Hired/Members Ratio Host Cntry All Nepal China India Region (see "*Expedition Analysis*" above) Group Members Only Women Members Only Hired Only Members & Hired Summit Bid A11 No summit bid Aborted below high camp Aborted at high camp Aborted above high camp Successful bid Combinations Team Success All Teams Successful Teams Only Oxygen Use All Oxygen Used No Oxygen Used Hired Use A11 Hired Used Above BC No Hired Used Above BC Peak Altitude Range All Peaks 6000ers 7000ers 8000ers *mmmm* to *nnnn* meter peaks Year/Season – expedition year/season range Altitude/Year/Age Increment & Age Starting Point When the Peak Altitude format is chosen, an altitude step increment may be selected (the default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (the default is 5 years). When the Age format is chosen, an age step

increment and starting point may be selected (the default is 5 years). No increments are available for the Season and Citizenship formats.

Team Size Increment/Hired-Mbrs Ratio

When the Team Size format is chosen, a team size step increment may be selected (the default is 5). When the Hired/Members Ratio

is format chosen, a ratio step increment may be selected (the default is 0.5).
Order & Minimum Above BC
When the Citizenship format is chosen, the output order may be sorted by one of the orders below (the default is Country Name). Country Name
Members Above BC
Ascents
Ascent Rate
The output may be limited to nations with "n" members above BC.
Peak ID
Commercial/Std Routes (see "Expedition Analysis" above)

Combinations (multiple selections) can be made for the Region and Summit Bid criteria. Clicking on the Combinations choice will bring up a Pick dialog, from which you can select multiple items.

| ×□- | | Ī | |
|---------------------------------------|--|--|---|
| | | Page 1 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Oxygen U se Con Oz Cin Cin 18 18 | | |
| | | | |
| | by Peak Altitude for ANN3 (7555m) (1950-2016) Members Only Total Male Female Female With $\frac{Total Male}{11}$ $\frac{Ascents}{12}$ $\frac{Female Female}{13.63}$ $\frac{With}{C1}$ | | |
| | nalysis ((7555m) (Only Female 3 13 3 13 | | |
| | Ascent Analysis defor ANN3 (7555m) Members Only Ascents Ascents Ascents Ascents IT 8.54 3 IT 8.54 3 IT 8.54 3 IT 8.54 3 IT 8.54 3 | | |
| | ASCEI ASCEI Ascents Ascent Rate 17 8 17 8 | | |
| | Peak Alt | | |
| | by Per Lotal 20 20 20 20 20 20 20 20 20 20 20 20 20 | | |
| | bers | ase) | |
| | Members Above BC otal Male Female int Cnit Cnit 221 199 22 221 199 22 ude unknown members seasonal ascents ts | yan Datat | |
| ge 1 | Member Total M <u>Cut</u> C 221 1 221 1 clude unkno le seasonal a serrits | Himalar | |
| r.frx - Pa | Mer Total <u>Cut</u> 221 221 221 1s include u ultiple seaso descents rest rest rest | rsis (The | |
| Report Designer - analsmtr.frx - Page | Members Above BC Total Members Above BC 755m Total Male Female 755m 221 199 22 755m 221 199 22 755m 221 199 22 Member Above BC totals include unknown members 221 199 22 Member Above BC totals secures 1 Solo ascents 22 Ascent totals exclude multiple seasonal ascents 3 2 2 1 Solo ascents 3 3 2 0 Paraperte descents 3 3 3 0 Disputed ascents 3 3 3 | 30/06/2017 Ascent Analysis (The Him alayan Database) | |
| 📕 Report Design | 7555m To Member Above B Ascent totals exch Ascent Summary 1 Solo as 1 Traver 0 Ski sato 0 Dispute 0 Urreco | 30/06/2017 | Ī |

Ascent Analysis Output – By Peak Altitude

The above example analyzes member ascents for Annapurna III from $1950\ through 2016.$

| Is Final ton Yans for AXXI (7556a) (1050-2010) All and rest Aver BIC All and rest Aver BIC All and rest Aver BIC Man trait Aver BIC | | | | | | Asc | Ascent Analysis | alysis | | | | | |
|--|---|----------------------------|-----------------|-------|-----------|-------|------------------|------------------|----------|-----------------------|----|------|--------|
| Total Ascents Frande Oxygen Use Cur< Male Cur Rate Cur Cur Cur 0 000 Cur Rate Cur Cur Cur Cur 2 000 0 0 0 0 2 0 2 3133 0 0.00 2 2.313 0 0 2 3133 2 3133 0 0.00 0 2 0 2 3133 2 3133 0 0.00 2 2.00 0 0 1 1.11 1 1.200 0 0.00 0 0 0 0 1 1.01 0 0.00 0 <td< th=""><th></th><th></th><th></th><th>by Ex</th><th>quedition</th><th>Mu</th><th>or ANN embers</th><th>3 (7555n Only</th><th>n) (1950</th><th>-2016)</th><th></th><th></th><th></th></td<> | | | | by Ex | quedition | Mu | or ANN embers | 3 (7555n Only | n) (1950 | -2016) | | | |
| Cut Rate Cut Rate Cut Cut </th <th>Me Total</th> <th>mb ers Ab M ale</th> <th>re BC Female</th> <th>Tota</th> <th>le le</th> <th>Ascel</th> <th>nts le</th> <th>Femal</th> <th>е</th> <th>Oxygen With O2 W/o</th> <th></th> <th>Unkn</th> <th></th> | Me Total | mb ers Ab M ale | re BC Female | Tota | le le | Ascel | nts le | Femal | е | Oxygen With O2 W/o | | Unkn | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Cut | Cut | Cut | Cut | Rate | | Rate | | Rate | | II | Cut | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 0 0 | 0 0 | 0 0 | 0 0 | 00.0 | | | | | | | | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 9 | | 0 | 2 | 33.33 | 2 | 33.33 | 0 | 0.00 | 0 | 2 | 0 | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 0 | | 0 | 0 | 0.00 | • | | , | | , | | , | |
| $ \begin{array}{ cccccccccccccccccccccccccccccccccccc$ | 6 | | 6 | 5 | 22.22 | 0 | 0.00 | | 22.22 | 0 | 5 | 0 | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 40 | | 8 | 9 | 15.00 | 2 | 15.62 | | 12.50 | 0 | 9 | 0 | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 55 | | 0 | 2 | 3.63 | 0 | 3.63 | 0 | 0.00 | 0 | 5 | 0 | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 39 | | 0 | 3 | 7.69 | 3 | 7.69 | 0 | 0.00 | 0 | 3 | 0 | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 32 | | 5 | 1 | 3.12 | 1 | 3.70 | 0 | 0.00 | 0 | 0 | 1 | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 2 | | 0 | 1 | 20.00 | 1 | 20.00 | 0 | 0.00 | 1 | 0 | 0 | |
| 0 0.00 0 0.00 0 0.00 1 8.54 3 1 1 18 | 27 | | 0 | m | 11.11 | m | 11.11 | 0 | 0.00 | 0 | 5 | 0 | |
| 20 9.05 17 8.54 3 13.63 1 1 1 8.54 3 13.63 1 1 | 0 | | 0 | 0 | 0.00 | | | | | | | | |
| 0 000 20 9.05 17 8.54 3 13.63 1 | | | 0 | C | 000 | | | | | | | | |
| 20 9.05 17 8.34 3 13.63 1 18 1 | л vс | n vc | 0 0 | 0 | 0 00 | | | | | | | | |
| 20 9.05 17 8.34 3 13.63 1 18 1 | | | - | | | | | | - | | 1 | Ī | |
| | | 199 | 77 | 20 | 9.05 | 11 | 8.54 | | 13.63 | | 2 | 1 | |
| | C totals includ e 1 de multiple seas | un know n n onal ascent | 1embers | | | | | | | | | | |
| | A scent Summary | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | cents | | | | | | | | | | | | |
| | Va | | | | | | | | | | | | |
| | whood december | | | | | | | | | | | | |
| | M DOUL U RESCELLES | | | | | | | | | | | | |
| | rite descerits | | | | | | | | | | | | |
| | ed ascents | | | | | | | | | | | | |
| | errized ascents | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | Analysis (The H | im al ayan D | atabase) | | | | | | | | | | Page 1 |

Ascent Analysis Output – By Expedition Year

The above example analyzes member ascents for Annapurna III from 1950 through 2016 by expedition years in 5-year increments.

| × □ - | • | | | | | | | | | | | | | | | | | Ι | 1 | | | | • |
|--------------------------------------|---|-----------------|---|--------------|-------------------------------|------|--------|--------|----------|--------------|--|---|----------------|--------------|-------------|--------------------------|----------------------|--------------------|------------------------|--|--|--|---|
| | | | | | | | | | | | | | | | | | | | | | | Page 1 | |
| | | | | | | | | | | | | | | | | | | | | | | р | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Unkn | Cut | 0 | | 1 | - | | | | | | | | | | | | | |
| | | | | | Oxygen U se | Cut | 1 | | 11 | 18 | | | | | | | | | | | | | |
| | | | | | Oxygen U se With O2 W/o O2 | ti | 0 | | 1 | | | | | | | | | | | | | | |
| | | | 010) | | With | 100 | | _ | | _ | | | | | | | | | | | | | |
| | | is | (1950-2 | | Female | Rate | 22.22 | | 7.69 | 13.63 | | | | | | | | | | | | | |
| | | nalys | (255m) | s Only | Fer | Cmt | 7 | | 1 | ^m | | | | | | | | | | | | | |
| | | Ascent Analysis | D ENNA | Members Only | Ascents Male | Rate | 8.62 | | 8.51 | 8.54 | | | | | | | | | | | | | |
| | | As | ns for A | 1 | Ascent | Cnt | 2 | | 12 | 17 | | | | | | | | | | | | | |
| | | | by Seasons for ANN3 (7555m) (1950-2016) | | 1 | Rate | 10.44 | 0.00 | 8.44 | 9.05 | | | | | | | | | | | | | |
| | | | q | | Total | Cnt | 5 | 0 | 13 | 20 | | | | | | | | | | | | | |
| | | | | | U al | _ | 6 | 0 | 13 | 2 ដ | SLa | | | | | | | | | | | (əs | |
| | | | | | Male Female | Cut | | | | 1 | 1 membe | ents | | | | | | | | | | Databa | |
| je 1 | | | | | I. | | | | 141 | 10 | u kanow n | onal asc | | | | | | | | | | im al ayan | |
| frx - Pag | | | | | Me | Cut | 19 | 0 | 154 | 221 | includ e t | ip le seas | | | | lescents | rtts | | cents | | | (The H | |
| alsmtr.f | | | | | | | | | | als. | C totals i | de multi | | cents | es | 0 Ski/snowboard descents | 0 Parapente descents | 0 Dismited ascents | 0 Unrecognized ascents | | | Analysis | |
| gner - al | | | | | | | | | | Totals | bove B(| als exclu | nmary | Solo ascents | 1 Traverses | Ski/sno | Paraper | Dismite | Unrecos | | | Ascent | |
| Report Designer - analsmtr.frx - Pag | | | | | | | Spring | Summer | Autumn | | M ember Above BC totals includ e unknown members | Ascent totals exclude multiple seasonal ascents | Ascent Summary | 1 | 1 | 0 | 0 | 0 | 0 | | | 30/06/2017 Ascent Analysis (The Him alayan Database) | |
| 📕 Rep | | | | | | | Spi | Sui | Au W: | | M | As | As | | | | | | | | | 30/ | ļ |

 $Ascent \ Analysis \ Output-By \ Season$

The above example analyzes member ascents for Annapurna III from 1950 through 2016 by climbing season.

| | Ascent Analysis | by Age for ANN3 (7555m) (1950-2016) Members Only | Oxygen Use Eemala With O2 W/o O2 Unlan | ate Cnt Rate Cnt Cnt | 100.00 0 0.00 0 0 1 0 | | 100.00 0 25 | 9 100.00 1 1 73 | 5 100.00 1 59 | 3 100.00 0 25 | 0 0.00 0 13 | | | 0 000 0 | | 100.00 22 100.00 5 214 4 | | | | | | | | | | | Page 1 |
|---|-----------------|---|---|------------------------|-----------------------|------------|--------------|-----------------|-----------------|---------------|-------------|-----------|-----------|------------|---------|---|---|------------------------------|----------------|-----------|----------|---------------|----------------------|--------------------|------------------------|---|--|
| | A | by Age for A | Ascents Total Male | tate Cni | 1 100.00 1 | 2 100.00 2 | 26 100.00 23 | 100.00 | 100.00 | 100.00 | 100.00 | | 100.00 | 2 100.00 2 | 100.001 | 661 00:001 177 | | Average Summiter Age Summary | 31.75 All | 37 05 Man | TIAN OUT | U.UU Women | | | | | |
| | | | Members Above BC | | 1 0 1 | 2 0 1 | 23 3 | | | | | | 4 • | 1 0 | | 199 22 aawn memhawe | l ascents | | ŝ | | | 0 | | | | | .ayan Database) |
| ntr.frx - Page 1 | | | Member | | 1 | 2 | 26 | 75 | 60 | 26 | 14 | י יכ | 4 (| 40 | a | 221 A sinclud a unlo | ultip le seasona | | | | | ir d descents | scents | ents | d ascents | | ysis (The Him a |
| 📱 Report Designer - analsmtr.frx - Page 1 | | | | | Unknown | 15-19 yrs | 20-24 yrs | 25-29 yrs | 30-34 yrs | 35-39 yrs | 40-44 yrs | STY 94-C4 | 20-24 yrs | 216 40-00 | | Totals 221 199 22 Member Above BC totals include unknown members | Ascent totals exclude multiple seasonal ascents | Ascent Summary | 1 Solo ascents | Terrecor | | | 0 Parapente descents | 0 Disputed ascents | 0 Unrecognized ascents | , | 30/06/2017 Ascent Analysis (The Him alayan Database) |

Ascent Analysis Output – By Age

The above example analyzes member ascents for Annapurna III from 1950 through 2016 by climber's age in 5-year increments.

| Me Total Cut | | | | | | | | | | | | |
|---|-------------------------|----------------|------------------|-------|-------------|---------------|---|----------------|----------|-------------------------------|----------------------|------|
| Cat | | | | | | Asc | Ascent Analysis | nalysis | 14 | | | |
| C 1 CI | | | | iq | · Citizen | ship for M | by Citizenship for ANN3 (7555m) (1950-2016) Members Only | 7555m) Only | (1950-2(| 016) | | |
| 5 | m | Male F | ove BC Female | Total | al | VI a | ents | E | - | Oxygen U se With 02 W/o 02 | tygen U se W/o O2 | Unkn |
| Australia | | Cnt 16 | Cut | | <u>N 00</u> | | Kate | Cut | Kate | Cut | Cut | Cut |
| | | 2 4 | 0 0 | 00 | 00.0 | | | | | | | |
| ~ | 1 | 1 | 0 | 0 | 0.00 | | | | | | | |
| | 9 | 9 | 0 | 2 | 33.33 | 2 | 33.33 | 0 | 0.00 | 0 | 7 | 0 |
| | | 30 | 7 | 4 | 10.81 | 4 | 13.33 | 0 | 0.00 | 0 | 4 | 0 |
| | | 21 | 13 | m | 8.82 | 1 | 4.76 | 0 | 15.38 | 1 | 0 | 0 |
| non-Sherpa) | | 22 | 0 | m · | 13.63 | 3 | 13.63 | 0 | 0.00 | 0 | en. | 0 |
| | | 4 | 0 | 0 | 00.0 | 1 | | | | | | |
| | | 21 | 0 | | 4.76 | 1 | 4.76 | 0 | 0.00 | 0 | 0 | |
| 8 | | 21 | - | 0 | 00.0 | | | | | 2 | 8 | |
| | | 11 | 0 | - | 60.6 | - | 60.6 | 0 | 0.00 | 0 | 1 | 0 |
| zerland | | \$ | 0 | - | 12.50 | 1 | 12.50 | | 0.00 | 0 | 1 | 0 |
| | 25 | 24 | 1 | 4 | 16.00 | 'n | 12.50 | - | 100.00 | 0 | 4 | 0 |
| USA 1 | | 10 | - ' | - | 10.00 | 1 | 10.00 | 0 | 00.0 | • | - | • |
| Totals 221 | | 199 | 5 | 20 | 9.05 | 17 | 8.54 | 6 | 13.63 | 1 | 18 | 1 |
| Member Above BC totals include unknown members Ascent totals exclude multiple seasonal ascents | l e un kno easonal a | wnme scents | mbers | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1 Solo ascents | | | | | | | | | | | | |
| 1 Traverses | | | | | | | | | | | | |
| 0 Ski/snowboard descents | nts | | | | | | | | | | | |
| 0 Paraperte descerts | | | | | | | | | | | | |
| 0 Disputed ascents 0 Urrecognized ascents | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 30/06/2017 Ascent Analysis (The Him alayan Database) | e Him al ay | an Dat | abase) | | | | | | | | | |
| | | | | | | | | | | | | |

 $\label{eq:ascent} Ascent \ Analysis \ Output-By \ Citizenship$

The above example analyzes member ascents for Annapurna III from 1950 through 2016 by citizenship.

| Actor LandysisTerm Size (Just Sing Sing Sing Sing Sing Sing Sing Sing | | | | | | | | | | | | | | | |
|--|------------------------------------|----------------|------------------|-----------------|----------|----------|---------|----------------------|-----------|---------|---------|----------------------|-----|--|--------|
| Y Team Size (Mbr: Allore BC) for AXX3 (755m) (1950-2016) Members Only Members Only Members Only Areans Nith Oxygen Use Members Only Areans Kmith Members Only Areans With O2 We O2 Cut finame Mathe Cut Cut Cut Areans Cut Cut 0 0 0 0 0 1 4 1 2 9.05 17 8.54 3 13.63 1 3 0 2 9.05 17 8.54 3 13.63 1 1 1 2 9.05 0 2 9.05 1 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>As</th><th>cent AI</th><th>nalysis</th><th>\$</th><th></th><th></th><th></th><th></th><th></th></td<> | | | | | | | As | cent AI | nalysis | \$ | | | | | |
| Total Ascuts Famale With O2 With O2 <thwith o2<="" th=""> <thwith o2<="" th=""> <thwith< th=""><th></th><th></th><th></th><th>q</th><th>y Team S</th><th>ize (Mbı</th><th>rs Abov</th><th>e BC) for lembers</th><th>ANN3 Only</th><th>(7555m)</th><th>(1950-2</th><th>016)</th><th></th><th></th><th></th></thwith<></thwith></thwith> | | | | q | y Team S | ize (Mbı | rs Abov | e BC) for lembers | ANN3 Only | (7555m) | (1950-2 | 016) | | | |
| Cur Xurs Cur Rars Cur Cur </th <th></th> <th>M em Total</th> <th>bers Abo Male</th> <th>ve BC Female</th> <th>Tot</th> <th>al</th> <th>Asc</th> <th>ents</th> <th>Fema</th> <th>ale</th> <th>With 02</th> <th>Nygen U se W/o O2</th> <th></th> <th></th> <th></th> | | M em Total | bers Abo Male | ve BC Female | Tot | al | Asc | ents | Fema | ale | With 02 | Nygen U se W/o O2 | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | Cnt | Cut | Cut | Cut | Rate | Cut | Rate | | Rate | Cut | Cut | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 80 | 44 66 | 14 0 | 0 | 8.75 | 0 4 | 6.06 | o m | 21.42 | 10 | 4 1 | 1 0 | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 48 | 47 | - | 0 | 0.00 | | | | | | | | | |
| $\begin{array}{ cccccccccccccccccccccccccccccccccccc$ | | 0 | 0 | 0 | 0 | 0.00 | | | | | | | | | |
| 20 9.05 17 8.54 3 13.65 1 18 1 | | 22 | 20 | 0 - | m 4 | 13.63 | m 4 | 13.63 | 0 0 | 0.00 | 0 0 | w 4 | 0 0 | | |
| | Totals | 221 | 199 | 12 | 20 | 9.05 | 17 | 8.54 | | 13.63 | - | 18 | 1 | | |
| | r Above BC total | s includ e un | kanow n m | embers | | | | | | | | | | | |
| | totals exclude mu | ltip le season | al ascent | co. | | | | | | | | | | | |
| | Summary | | | | | | | | | | | | | | |
| | 1 Solo ascents | | | | | | | | | | | | | | |
| | 1 Traverses | | | | | | | | | | | | | | |
| | 0 Ski/snowboar | d descents | | | | | | | | | | | | | |
| | 0 Paraperite des | cents | | | | | | | | | | | | | |
| | 0 Disputed asce: 0 Urrecognized | ascents | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 30.06.2017. Ascent Analysis (The Him alayan Database) | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | 17 Ascent Analy | sis (The Him | alayan D | atabase) | | | | | | | | | | | Page 1 |
| | | | | | | | | | | | | | | | |

Ascent Analysis Output – By Member Team Size

The above example analyzes member ascents for Annapurna III from 1950 through 2016 by member team size in 5-member increments.

| | | | | | | | | | | | | | | | | | | | | | | Page 1 |
|-----------------|--|--------|--------------------------------------|------|----------|----------|-----------|-----------|-----------|--------|---|---|----------------|--------------|-----------|----------|--------------------|--------------------|------------------------|--------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | Unkan | Cut | 0 0 | | 1 | | 0 | 1 | | | | | | | | | | | | |
| | | | Oxygen U se 02 W/o 02 1 | Cint | 0 0 | , | 2 | | 2 | 18 | | | | | | | | | | | | |
| | 50-2016) | | With 02 V | Cnt | ə c | , | 1 | | 0 | 1 | | | | | | | | | | | | |
| 10 | by Hired/Members Ratio for ANN3 (7555m) (1950-2016) Members Colt. | | | Rate | 00.00 | | 22.22 | - | 0.00 | 13.63 | | | | | | | | | | | | |
| nalysi | NN3 (75 | (IIII) | Female | Cut | | , | 2 | | 0 | 3 | | | | | | | | | | | | |
| Ascent Analysis | Latio for ANN3 (| | Ascents Male | Rate | 1 84 | | 16.66 | | 33.33 | 8.54 | | | | | | | | | | | | |
| AS | bers Rat | | Ascents Male | Cnt | n ø | , | 2 | | 2 | 17 | | | | | | | | | | | | |
| | d/Meml | | al | Rate | 7 08 | 00.0 | 19.04 | 0.00 | 33.33 | 9.05 | | | | | | | | | | | | |
| | by Hire | | Total | Cut | 0 0 | 0 | 4 | 0 | 2 | 20 | | | | | | | | | | | | |
| | | | ve BC Female | Cut | 7 | 0 | 6 | 0 | 0 | 22 | embers | S | | | | | | | | | | atabase) |
| | | | Members Above BC otal Male Female | Cmt | 5 61 | 9 | 12 | 0 | 9 | 199 | kanow n m | al ascent | | | | | | | | | | alayan Do |
| | | | Mem | Cut | 0 11 | 9 | 21 | 0 | 9 | 221 | includ e un | ip le season | | | | descents | ints | | scents | SUCTION | | s (The Him |
| | | | | | | | | | | Totals | Member Above BC totals include un known members | Ascent totals exclude multiple seasonal ascents | umary | Solo ascents | Traverses | | Parapente descents | 0 Dismited accorde | 0 Utwernomized ascents | OIL COURTE O | | 30/06/2017 Ascent Analysis (The Him alayan Database) |
| | | | | | No Hired | 0.50-099 | 1.00-1.49 | 1.50-1.99 | 2.00-2.49 | | Member A | Ascent tota | Ascent Summary | 1 | 1 | 0 | 0 | c | 0 0 | > | | 0/06/2017 |

Ascent Analysis Output – By Hired to Members Ratio

The above example analyzes member ascents for Annapurna III from 1950 through 2016 by the ratio of hired personnel to members.

Death Analysis

The death analysis analyzes deaths by members and hired personnel above base camp. Numbers above base camp, death counts, death rates, and oxygen use are given for each group in the printed report and the Excel export.

| Set Death Analysis Criteria | |
|-----------------------------|---------------------------|
| | |
| Format | Peak Altitude |
| Host Cntry | All |
| Region | All |
| Group | Members Only |
| Summit Bid | All |
| Success | All |
| Cause of Death | All |
| Death Classification | All |
| Climbing Related Deaths | All |
| Oxygen Use | All |
| Hired Use | All |
| Peak Altitude Range | 8188 to 8188 |
| Year/Season | 1950 to 2016 All |
| Altitude Increment | 1000 |
| | |
| Peak ID | CHOY (omit for all peaks) |
| Commercial/Std Routes | All Peaks & Routes |
| | |
| Reset to Defaults | OK Cancel Help |
| | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Death analysis are:

Format – emphasis and format of output Peak Altitude Expedition Year Season Age Citizenship Cause of Death Altitude of Death Time of Death Team Size (Mbrs Abv BC) Team Size (Hired Abv BC) Hired/Members Ratio Host Cntry All Nepal China India Region (see "Expedition Analysis" above) Group Members Only Women Members Only Hired Only Members & Hired Summit Bid All No summit bid Aborted below high camp Aborted at high camp Aborted above high camp Successful bid Combinations Success All Successful Only Unsuccessful Only Cause of Death All AMS Exhaustion Exposure/Frostbite Fall Crevasse **Icefall** Collapse Avalanche Falling Rock/Ice Disappearance (Unexplained) Illness (non-AMS) Other Unknown Combinations **Death Classification** All Death enroute BC Death at BC Route preparation Ascending in summit bid Descending from summit bid Expedition evacuation Other/unknown Combinations

Climbing Related Deaths All Include Climbing Only Include Non-Climbing Only Oxygen Use All Oxygen Used No Oxygen Used Hired Use All Hired Used Above BC No Hired Used Above BC Peak Altitude Range All Peaks 6000ers 7000ers 8000ers mmmm to nnnn meter peaks Year/Season – expedition vear/season range Altitude/Year/Age Increment & Age Starting Point When the Peak Altitude format is chosen, an altitude step increment may be selected (the default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (the default is 5 years). When the Age format is chosen, an age step increment and starting point may be selected (the default is 5 vears). No increments are available for the Season, Citizenship, and Cause of Death formats. Altitude Increment & Direction When the Altitude of Death format is chosen, an altitude step increment (the default is 500m) and direction (Normal or Distance from Summit) may be selected. **Time Increment** When the Time of Death format is chosen, an hourly step increment may be selected (the default is 2 hours). Team Size Increment/Hired-Mbrs Ratio When the Team Size format is chosen, a team size step increment may be selected (the default is 5). When the Hired/Members Ratio format is chosen, a ratio step increment may be selected (the default is 0.5). Order & Minimum Above BC When the Citizenship format is chosen, the output order may be sorted by one of the orders below (the default is Country Name). **Country Name** Members Above BC Deaths **Death Rate** The output may be limited to nations with "n" members above BC. Peak ID Commercial/Std Routes (see "Expedition Analysis" above)

| | | | | | | | Deat | Death Analysis | lysis | | | | | | | | | |
|---|---|--------------|------------------------|-----|--------------------|---|---------------------------------|-------------------------------|---------------------|--------|-------|------|-----------------------------|--------------------|--------------------------|---------|--|--------|
| | | | | | by Pea | by Peak Altitude for CHOY (8188m) (1950-2016) Members Only | defor C Mem | for CHOY (818 Members Only | (8188m) nly | (1950- | 2016) | | | | | | | |
| | Memb Total <u>Cnt</u> | 2 | ve BC Female Cnt | | I | De M M | Deaths Male <u>t Rate</u> | | nale <u>Rate</u> | .0 | te | 2 2 | After Asc Male t Rate | ents Fer Cnt | Female nt <u>Rate</u> | With 02 | Oxygen U se With O2 W/o O2 <u>Cnt</u> <u>Cnt</u> | Unkn |
| Totals | 6797 | 6046 6046 | 751 | | 41 0.60 41 0.60 | 38 | 0.62 | 0 0 | 0.39 | 6 6 | 0.34 | 6 6 | 0.38 | 0 0 | 0.00 | 10 | 30 | - - |
| Death Summary | | | | | | | | | | | | | | | | | | |
| II AMS | UO | | | | | Classification Death erroute BC | e BC | | | | | | | | | | | |
| 1 Exhaustion | | | | | | Death at BC | | | | | | 000 | | | | | | |
| Lxposure/rrosmite Fall | subte | | | | 4 Asc | Koute preparation Ascending in summit bid | attorn summit b | bid | | | | 0.00 | | | | | | |
| 1 Crevasse | | | | | | Descending from summit bid | rom sumr | nit bid | | | | | | | | | | |
| 0 Icefall Collapse | Se | | | | | Expedition evacuation | vacuation | | | | | | | | | | | |
| Avalanche | | | | | 0 Oth | Other/unknown | UN | | | | | | | | | | | |
| 1 Falling Rock/Ice | ce | | | | 15 414 | AAfe | | | | | | | | | | | | |
| Disappearance (Un Illness (non-AMS) | 0 Disappearance (Unex pl) 8 Illness (non-AMS) | | | | 0 We | Weather/Storm-related | m-related | T | | | | | | | | | | |
| 0 Other | | | | | | | | | | | | | | | | | | |
| 1 Unknown | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| ath Analy | 01/07/2017 Death Analysis (The Him alayan Database) | n al ayan] | Databas | (əs | | | | | | | | | | | | | | Page 1 |
| | | | | | | | | | | | | | | | | | | |

Combinations (multiple selections) can be made for the Region, Summit Bid, Cause of Death and Death Classification criteria. Clicking on the Combinations choice will bring up a Pick dialog, from which you can select multiple items.

Death Analysis Output – By Peak Altitude

The above example analyzes member deaths for Cho Oyu from 1950 through 2016.

| | | | | | | | - | | | | | | | | | | | |
|---------------|---|------------|-------------|------|--|-------------------|--------------------------------|-------------------------------|---------------|--------|--------|----------|----------------------|---------|------|-----------|-------------|--------|
| | | | | | | | Deat | Death Analysis | IVSIS | | | | | | | | | |
| | | | | | by Expedition Years for CHOY (8188m) (1950-2016) Members Only | lition Y | earsfor | s for CHOY (8 Members Only | (8188m nly |)(1950 | -2016) | | | | | | | |
| | Me | E | ove BC | F | • | Dea | Deaths | | - | F | | aths Afi | Deaths After Ascents | nts | | Oxygen Us | Oxygen U se | |
| | Cut | Cut | Cnt | Clit | nt Rate | Cnt Ra | Rate | Cnt Ra | Rate | Cnt Ra | Rate | Cnt Ra | Rate | Cnt Rat | e | Cut | Cut | Cut |
| 1950-1954 | 18 | 17 | 1 | 0 | | | | | - | | | | | | - | | | |
| 1955-1959 | 16 | 7 | 6 | ŝ | 18.75 | 1 | 14.28 | 7 | 22.22 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 7 | 0 |
| 1960-1964 | 5 | 5 | 0 | 2 | 40.00 | 2 | 40.00 | 0 | 00.0 | 0 | 0.00 | 0 | 00.0 | 0 | 00.0 | 0 | 2 | 0 |
| 1965-1969 | 0 | 0 | 0 | 0 | | | | | | | | | | | _ | | | |
| 1970-1974 | 0 | 0 | 0 | 0 | | | | | _ | | | | | | — | | | |
| 1975-1979 | 7 | 7 | 0 | 0 | | | | | - | | | | | | — | | | |
| 1980-1984 | 114 | 109 | 5 | 1 | 0.87 | 1 | 0.91 | 0 | 00.0 | 0 | 00.0 | 0 | 00.0 | 0 | 00.0 | 0 | 1 | 0 |
| 1985-1989 | 302 | 286 | 16 | 3 | 0.99 | ŝ | 1.04 | 0 | 0.00 | 1 | 0.82 | 1 | 0.84 | 0 | 0.00 | 0 | 3 | 0 |
| 1990-1994 | 789 | 728 | 61 | 5 | 0.63 | 2 | 0.68 | 0 | 0.00 | 0 | 0.00 | 0 | 00.0 | 0 | 0.00 | 1 | 4 | 0 |
| 1995-1999 | 1294 | 1151 | 143 | 7 | 0.54 | 7 | 0.60 | 0 | 0.00 | 3 | 0.60 | 3 | 0.66 | 0 | 00.0 | 2 | 5 | 0 |
| 2000-2004 | 1406 | 1265 | 141 | 6 | 0.64 | 00 | 0.63 | 1 | 0.70 | 1 | 0.17 | 1 | 0.20 | 0 | 0.00 | 4 | 5 | 0 |
| 2005-2009 | 1701 | 1466 | 235 | 9 | | 9 | 0.40 | 0 | 0.00 | 4 | 0.53 | 4 | 0.61 | 0 | 00.0 | 2 | 4 | 0 |
| 2010-2014 | 934 | 819 | 115 | 5 | | 5 | 0.61 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 4 | 1 |
| 2015-2016 | 211 | 186 | 25 | 0 | | | | | - | | | | | | _ | | | |
| | Totals 6797 | 6046 | 751 | 41 | 09.0 | 38 | 0.62 | en la | 0.39 | 6 | 0.34 | 6 | 0.38 | 0 | 0.00 | 10 | 30 | - |
| Death Summary | lary | | | | | | | | | | | | | | | | | |
| Cut | Classification | | | - | Cut Cl | Classification | U OII | | | | | | | | | | | |
| 4 | AMS | | | | | Death enroute BC | eBC | | | | | | | | | | | |
| 1 Ex | Ex haustion | | | | 2 Deat | Death at BC | | | | | | | | | | | | |
| 0 Ex | Exposure/Frostbite | | | | 13 Rour | Route preparation | ation | | | | | 0.00 | | | | | | |
| 14 Fall | l | | | | 4 Asce | anding in | Ascending in summit bid | hid | | | | | | | | | | |
| | | | | | | 0.1 | | | | | | | | | | | | |
| In I | CIEVASSE | | | | | caluing 1 | Descentaring it on summit of a | DIO HI | | | | | | | | | | |
| 0 Ice | Icefall Collapse | | | | 5 Exp | edition e | Expedition evacuation | | | | | | | | | | | |
| 4 A | Avalanche | | | | 0 Othe | Other/unknown | UN | | | | | | | | | | | |
| 1 Fa | Falling Rock/Ice | | | | | | | | | | | | | | | | | |
| | Disannearance (Tnev nf) | 6 | | | | AMS-related | | | | | | | | | | | | |
| | dypremance (orney p. | | | | 0 Wea | ther/Stor | Weather/Storm-related | _ | | | | | | | | | | |
| 8 111 | Illness (non-AMS) | | | | | | | | | | | | | | | | | |
| 0 0 | Other | | | | | | | | | | | | | | | | | |
| 1 11. | Untroum | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| /07/2017 L | 01/07/2017 Death Analysis (The Him alayan Database) | Him alayar | n Database) | - | | | | | | | | | | | | | | Page 1 |
| | | | | | | | | | | | | | | | | | | |

Death Analysis Output – By Expedition Years

The above example analyzes member deaths for Cho Oyu from 1950 through 2016 by expedition years in 5-year increments.

| Definition to the product of t | J | | | | | | 1 | | | | | | | | | | | | |
|--|-----------------------------|------------|-----------|--------|-----|------------|----------|-----------|----------------|-----------------|------------|-------|-----|--------|------|--------|-----|--------|--------|
| by Cause of Death for CHOY (6188a) (1950-2016) Alienbers Only Alienbers Only Alienbers Only Alienbers Only Alienbers Only Origen Use With O.2 Origen Use Alienbers Only Only Only Only Only Alienbers Only Only Only Only Only Only Alienbers Only 31 0 000 0 000 0 000 1 1000 1 1333 0 31 0 000 0 000 0 000 1 1333 0 31 0 000 0 000 0 0 0 0 0 0 0 0 0 < | Ö | | | | | | Á | eath Ar | nalysi | S | | | | | | | | | |
| Frank Teals Mate Frank With O2 Orygen Use Undo Orygen Use Oryg | J | | | | by | ause of | Death | or CHO | Y (818 Only | 8m) (19 | 50-201 | 0 | | | | | | | |
| Image Image <t< th=""><th>Ū</th><th>otal</th><th>н</th><th>Male</th><th>Fen</th><th>ale</th><th>Tot</th><th></th><th>aths Afi Ma</th><th>ter Ascer de</th><th>its Fem</th><th>ale</th><th>W</th><th>th 02</th><th>Oxyg</th><th>en Use</th><th>Unt</th><th>02</th><th></th></t<> | Ū | otal | н | Male | Fen | ale | Tot | | aths Afi Ma | ter Ascer de | its Fem | ale | W | th 02 | Oxyg | en Use | Unt | 02 | |
| 94 0 0.001 3 3333 3 3333 0 0.001 1 1000 0 000 | | | Cn | | Cit | Pct | Cut | Pct | Cut | Pct | Cit | Pct | Cut | | Cut | | UE | Pct | |
| 63 0 000 1 1111 1 1111 0 000 1 000 1 4333 0 000 1 000 11 4333 0 000 1 4333 0 000 1 1000 11 4333 0 000 1 1000 11 4333 0 000 0 000 0 000 1 1333 0 000 1 1333 0 000 1 1333 0 000 0 000 0 000 1 1 100 1 1333 0 <th0< td=""><td></td><td></td><td></td><td></td><td>0</td><td>0.00</td><td>3</td><td>33.33</td><td></td><td>33.33</td><td>0</td><td>0.00</td><td>3</td><td>30.00</td><td>L</td><td>23.33</td><td></td><td>100.00</td><td></td></th0<> | | | | | 0 | 0.00 | 3 | 33.33 | | 33.33 | 0 | 0.00 | 3 | 30.00 | L | 23.33 | | 100.00 | |
| | x haustion 1 | 2.43 | 1 | 2.63 | 0 | 0.00 | 1 | 11.11 | - | 11.11 | 0 | 0.00 | 1 | 10.00 | 0 | 0.00 | | 00.0 | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | sure/Frostbite | | | | | - | | | | | | _ | | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | 1 | 1 | 33.33 | 'n | 33.33 | | 33.33 | 0 | 00.00 | 1 | 10.00 | | | | 0.00 | |
| | | | | | 0 | 0.00 | 0 | 00.0 | 0 | 00.0 | 0 | 00.00 | 0 | 0.00 | - | 3.33 | | 0.00 | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | c | | | | | | | | | 000 | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | 7 0 | 00.00 | 0 0 | 0.00 | 0 0 | 00.0 | 0 0 | 00.0 | 0, | 00.0 | | 15.55 | | 00.0 | |
| 05 0 0.00 2 2.2.22 2 0 0.00 4 40.00 4 1333 0 65 0 0.00 0 0.00 0 0.00 1 333 0 0 3 100.00 9 99.99 9 99.99 0 0.00 10 100.00 30 99.98 1 1 1 Death erroute BC 2 Death at BC 1 1 100.00 30 99.98 1 1 1 1 Death erroute BC 2 Death at BC 1< | | | | | Þ | 00.0 | 0 | 00.0 | 0 | 00.0 | 0 | 0.00 | - | 10.00 | | 0.00 | | 0.00 | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | | | | | | | | | | |
| 63 0 0.00 0 0.00 0 0.00 1 3.33 0 00 3 100.00 9 99.99 9 99.99 0 0.00 10 100.00 30 99.98 1 1 Chr Classification 1 Death erroute BC 2 Death erroute BC 2 Death erroute BC 2 Death erroute BC 2 Death erroute BC 3 No Death erroute BC 3 | on-AMS) | | | | 0 | 0.00 | 2 | 22.22 | | 22.22 | 0 | 00.0 | 4 | 40.00 | | 13.33 | | 0.00 | |
| 63 0 0.00 0 0.00 1 3.33 0 70 3 100.00 9 99.99 0 0.00 1 3.33 0 1 1 Destification 9 99.99 0 0.00 30 99.98 1 1 1 Destification 1 Destification 30 99.98 1 1 2 Desth erroute BC 2 Desth at BC 4 Ascending fin summit bid 4 | | | | | | - | | | | | | - | | | | | | | |
| 00 3 100.00 9 99.99 0 0.00 10 100.00 30 99.98 Cmr Classification 1 Death erroute BC 2 Death erroute BC 3 80.00 10 100.00 30 99.98 1 Death erroute BC 2 Death at BC 1 Death erroute BC 3 Route preparation 3 Route preparation 6 Descending from summit bid 4 Ascending from summit bid 5 Expedition evacuation 0 Other/unknown 15 AMS-related 6 Weather/Stom-related 6 Weather/Stom-related 6 Meather/Stom-related | nknown 1 | 2.43 | | | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 00.0 | 0 | 0.00 | | 3.33 | | 0.00 | |
| C目 1322 1322 1322 00 1520 0 | | 3 | | 100.00 | 3 | 00.00 | | 66.66 | | 66.66 | 0 | 0.00 | 10 | 100.00 | 30 | | 1 | 100.00 | |
| Cm 1 1 2 1 3 2 1 3 0 0 1 5 0 0 | eath Summary | | | | | | | | | | | | | | | | | | |
| 13 2 1 15 4 15 0 15 0 0 | | | | | Cut | Cla ssif | ication | | | | | | | | | | | | |
| 0 2 13 2 0 13 0 2 19 4 13 2 | - | | | | - | Death em | oute BC | | | | | | | | | | | | |
| 13 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 | 1 Exhaustion | | | | 2 | Death at] | SC | | | | | | | | | | | | |
| 4 9 5 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 | 0 Exposure/Frostbite | | | | 13 | Route pre | paration | | | | | | | | | | | | |
| 81 0 51 0 | 14 Fall | | | | 4 | Ascendin | g in sum | mit bid | | | | | | | | | | | |
| 20 Y 0 | 1 Crevasse | | | | 16 | Descendi | ng from | summit bi | p | | | | | | | | | | |
| 0 51 0 | 0 Icefall Collapse | | | | S | Expeditio | n evacu | ation | | | | | | | | | | | |
| 51 0 | | | | | 0 | Other/uni | nwon | | | | | | | | | | | | |
| <u>5</u> 0 | | | | | | | | | | | | | | | | | | | |
| 0 | | Qu | | | q | AMS-rela | ited | | | | | | | | | | | | |
| 0 Other 1 Unknown /072017 Death Analysis (The Him dayan Database) | | 1 | | | 0 | Weather | Storm-re | lated | | | | | | | | | | | |
| 1 Unknown 1 Unknown 1072017 Death Analysis (The Him dayan Database) | | | | | | | | | | | | | | | | | | | |
| 1 Unknown /07/2017 Death Analysis (The Him dayan Database) | | | | | | | | | | | | | | | | | | | |
| 107/2017 Death Analysis (The Him dayan Database) | | | | | | | | | | | | | | | | | | | |
| /07/2017 Death Analysis (The Him alayan Database) | | | | | | | | | | | | | | | | | | | |
| /07/2017 Death Analysis (The Him alayan Database) | | | | | | | | | | | | | | | | | | | |
| | /07/2017 Death Analysis (Tr | le Him ala | iyan Dati | abase) | | | | | | | | | | | | | | | Page 1 |

 $Death \ Analysis \ Output-By \ Cause \ of \ Death$

The above example analyzes member deaths for Cho Oyu from 1950 through 2016 by cause of death.

| Deal Deal Pert Cmt Ma 2.4.3 1 2.4.3 1 2.4.3 1 3 1 2.4.3 1 2.1.95 9 9 9 9 38 1 99.99 38 1 2 3 3 3 3 | Death Analysis by Altitude of Death for CHOY (8188m) (1950-2016) Mombers Only | | Male Female Total Male Female With 02 W/o 02 Unkn C | Cut Pet Cut | 1 2.63 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 3.33 0 | | 1 2.63 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 3.33 0 3 7.60 0 0.00 0 0.00 0 0.00 0 0.00 3 30.00 0 0.00 0 | 0.00 0 00.05 5 100.0 0 0.00 0 00.0 0 100.0 0 20.0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | 10 26.31 2 66.66 4 44.44 4 44.44 0 0.00 4 40.00 8 26.67 0 | 9 23.68 0 0.00 4 44.44 4 44.44 0 0.00 2 20.00 7 23.33 0 | 5 | Cnt Classification | 1 Death err oute BC | 2 Death at BC | 13 Route preparation | 4 Ascending in summit bid | 16 Descending from summit bid | 5 Expedition evacuation | 0 Other/unknown | 15 AMS-related | 0 | | | (Him alavan Database) |
|--|---|--------|---|---|--|--------|---|---|--------------|---|---|-------------|--------------------|---------------------|---------------|----------------------|---------------------------|-------------------------------|-------------------------|-----------------|----------------|---|------|--|---|
| Deat Mai 1 1 1 1 2 2 2 3 8 10 2 3 8 10 2 2 3 8 10 | þý | Deaths | Male | Pct Cnt Pct | 1 2.63 | 1 2.63 | 2.43 1 2.63 721 2 7 90 | 48.7 5 15.7 A 7 7 8 4 | 2195 9 23.68 | 29.26 10 26.31 | 21.95 9 23.68 | 7.31 2 5.26 | | | | | | 10 | | | | | NIS) | | 01/07/2017 Death Analysis (The Him alayan Database) |

Death Analysis Output – By Altitude of Death

The above example analyzes member deaths for Cho Oyu from 1950 through 2016 by altitude of death in 500m increments.

| Deaths by Time of Deat Time of Deaths Deaths Time of Deaths Term ale Time of Death Term ale Time of Death ale Term ale Time of Dea | | | | Q | Death Analysis | nalvs | S | | | | | | | | | |
|--|---|-------|---------|-------------|----------------|---------|-----------|------------|------|------|-------|--------------|--------|-----|--------|-------|
| Members Only Data Family OrganUs OrganUs Main Family OrganUs OrganUs Main Family Tent Data Family Family OrganUs OrganUs Family Family Family Family OrganUs OrganUs Family | | h | Time of | Death f | or CHO | V (818 | 8m) (19 | 50-201 | () | | | | | | | |
| | | | | | Member | s Only | | | | | | | | | | |
| Image Cut Exit Cut E | Death | | alem | Tat | | aths Af | ter Ascer | nts Fem | ماد | With | .0 | Oxyge W/a | n U se | Int | 0 | |
| | | Cet C | Pet | Cut | Pct | Cut | Pct | Cut | Pet | Cut | Pet | Cut | Pet | Cut | Pet | |
| 3 1 2.63 0 0.001 1 11.11 1 11.11 0 0.00 0 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0 0.00 0 0 0.00 | | | 66.66 | 4 | 44.44 | 4 | 44.44 | 0 | 00.0 | 4 | 40.00 | 16 | 53.33 | 1 | 100.00 | |
| 31 1 2.63 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 | 2.43 1 2 | .63 0 | 00.0 | 1 | 11.11 | 1 | 11.11 | 0 | 0.00 | 0 | 0.00 | 1 | 3.33 | 0 | 0.00 | |
| 31 3 328 0 000 0 000 2 000 1 333 0 000 35 4 1052 0 000 0 000 0 000 2 667 0 000 35 4 1052 0 000 0 000 0 000 2 667 0 000 35 2 252 0 000 0 000 0 000 2 667 0 000 35 2 2 1 1111 1 1111 1 100 1 0 000 0 000 | .43 1 | 63 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 10.00 | 0 | 00.0 | 0 | 0.00 | |
| 1 1 2.63 0 0.00 0 | 31 3 | | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 5 | 20.00 | 1 | 3.33 | 0 | 00.0 | |
| 3 1 2.63 0 0.001 0 0.00 2 6.67 0 | .43 1 | | 00.0 | 0 | 00.0 | 0 | 0.00 | 0 | 00.0 | 0 | 00.0 | 1 | 3.33 | 0 | 0.00 | |
| 73 4 10.23 0 0.001 1 11.11 1 11.11 0 0.00 2 6.67 0 000 87 2 5.26 0 0.001 1 11.11 1 11.11 1 11.11 1 10.00 1 333.31 0 0.000 87 2 5.26 0 0.001 1 11.11 1 11.11 0 0.00 1 333.31 0 0.00 87 2 5.26 0 0.001 1 11.11 1 11.11 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0 0 0 0 0.00 0 0.00 0 0.00 0 <td>1</td> <td></td> <td>00.0</td> <td>0</td> <td>0.00</td> <td>0</td> <td>0.00</td> <td>0</td> <td>0.00</td> <td>0</td> <td>00.0</td> <td>-</td> <td>3.33</td> <td>0</td> <td>00.0</td> <td></td> | 1 | | 00.0 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 00.0 | - | 3.33 | 0 | 00.0 | |
| 7 2 7.33 1 7.33 2 7.00 1 1.00 4 1.33 0 0.00 87 2 326 0 000 1 1.11 1 1.11 0 0.00 | 4 4 | | 00.0 | | 11.11 | | 11.11 | 0 0 | 00.0 | 0 0 | 20.00 | 4. | 6.67 | 0 0 | 0.00 | |
| 37 2 3.2.0 (100) 0.001 (100) 0.101 (100) 0.001 (100) 0.001 (100)< | n (| 1 62. | 55.55 | 7 0 | 77.77 | 1 | 77.77 | 0 0 | 00.0 | | 00.0 | 4 • | 55.51 | 0 0 | 00.0 | |
| 3 1 2.53 0 0.001 0 0.00 1 3.33 0 0.00 1 3.33 0 0.00 1 3.33 0 0.00 1 100.00 3 9.9.99 9 9.9.99 0 0.00 1 100.00 3 9.9.96 1 100.00 3 9.9.96 1 100.00 3 9.9.96 1 100.00 10 | 2 / 2 C LO | 0 90 | 0000 | D - | 0.00 | - c | 0.00 | | 0000 | | 0.00 | | 55.5 | 0 0 | 00.0 | |
| 00 33 100.00 3 100.00 3 99.99 0 0.00 10 100.00 30 99.98 1 100.00 1 Death erroute BC 2 Death erroute BC 2 Death erroute BC 2 Death erroute BC 3 Route preparation 4 Ascending in summit bid 6 0 | 1 | | 00.00 | - 0 | 0.00 | - 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 7 - | 3.33 | 0 | 0.00 | |
| disyan Datebase) | 20 10 | | 100 00 | | 00 00 | | 00 00 | - | 000 | | 00 00 | 30 | 00 00 | - | 100.00 | |
| Cmi Classification 1 Death erroute BC 2 Death at BC 13 Route preparation 4 Ascending in summit bid 16 Descending from summit bid 2 Expedition evacuation 0 Other/mknown 15 AMS-related 16 Weather/Stom-related | | | | | | | | | | | | | | | | |
| 1 Death erroute BC 2 Death at BC 3 Route preparation 4 Ascending in summit bid 16 Descending from summit bid 2 Expedition evacuation 0 Other/unknown 15 AMS-related 0 Weather/Stom-related | | Cut | | fication | | | | | | | | | | | | |
| 2 Death at BC 13 Route preparation 4 Ascending in summit bid 16 Descending from summit bid 5 Expedition evacuation 0 Other/unknown 15 AMS-related 0 Weather/Stom-related 1 Veather/Stom-related | | | | route BC | | | | | | | | | | | | |
| 13 Route preparation 4 Ascending in summit bid 16 Descending from summit bid 5 Expedition evacuation 0 Other/unknown 15 AMS-related 0 Weather/Stom-related 1 Austrol | | 2 | | BC | | | | | | | | | | | | |
| 4 Ascending in summit bid 16 Descending from summit bid 5 Expedition evacuation 0 Other/unknown 15 AMS-related 0 Weather/Stom-related 16 Weather/Stom-related | | 13 | | reparati on | 1 | | | | | | | | | | | |
| 16 Descending from summit bid 5 Expedition evacuation 0 Other/unknown 15 AMS-related 0 Weather/Stom-related 16 Weather/Stom-related | | 4 | | ng in sum | mit bid | | | | | | | | | | | |
| 5 Expedition evacuation 0 Other/unknown 15 AMS-related 0 Weather/Stom-related 10 Weather/Stom-related | | 16 | | ling from | summit bi | pi | | | | | | | | | | |
| 0 Other/unktnown 15 AMS-related 0 Weather/Stom-related alayan Database) | | 5 | | on evacu | ation | | | | | | | | | | | |
| 15 AMS-related 0 Weather/Stom-related alayan Database) | | 0 | | uknown | | | | | | | | | | | | |
| 13 AMS-related 0 Weather/Stom-related alayan Database) | | 2. | | | | | | | | | | | | | | |
| 0 Weather Stom-related al ayan Database) | | q | | lated | | | | | | | | | | | | |
| al ayan Database) | | 0 | | /Storm-re | elated | | | | | | | | | | | |
| al ayan Database) | | | | | | | | | | | | | | | | |
| al ayan Database) | | | | | | | | | | | | | | | | |
| al ayan Database) | | | | | | | | | | | | | | | | |
| al ayan Database) | | | | | | | | | | | | | | | | |
| | 01/07/2017 Death Analysis (The Him alayan Database) | - | | | | | | | | | | | | | | age 1 |

Death Analysis Output – By Time of Death

The above example analyzes member deaths for Cho Oyu from 1950 through 2016 by time of death in 2-hour increments.

Oxygen Use Analysis

The oxygen use analysis analyzes the use of oxygen for ascents and deaths. Numbers above base camp and oxygen use (with, without, and unknown) are given for each group in the printed report and the Excel export.

| Set Oxygen Use Analysis Criteri | a | | | | | | | |
|---------------------------------|---------|-------|-----------|----------|--------|----------|---|----------|
| | | | | | | | | |
| | | | | | | | | |
| Format | Peak A | ltitu | de | | 2 | <u>.</u> | | |
| Host Cntry | All | | | | • | - | | |
| Group | Memb | ers | 0nly | | | - | | |
| Oxygen Use | All | | | | • | | | |
| Hired Use | All | | | | | - | | |
| Success/Death | All | | | | - | - | | |
| Cause of Death | All | | | | • | - | | |
| Death Classification | All | | | | • | · | | |
| Summit Bid | All | | | | • | · | | |
| Summit Termination | All | | | | | | | • |
| Peak Altitude Range | 8188 | to | 8188 | | | T | | |
| Year/Season | 1950 | | 2021 | All | | | | |
| | | |] | 1 | | | | |
| Altitude Increment | 1000 | | | | | | | |
| | | | | | | | | |
| Peak ID | сноч | (on | nit for a | l peaks) | | | | |
| Commercial/Std Routes | All Pea | ks 8 | & Route: | 3 | | | • | |
| | 🔽 Inclu | de r | nultiple | seasona | lascen | ts | | |
| | | | | | | | | |
| Reset to Defaults | | OK | | Cance | | | | Help |
| | | | | | | | | |
| | | | | | | | | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Oxygen Use analysis are:

Format – emphasis and format of output Peak Altitude Expedition Year Season Age Citizenship Host Cntry All Nepal China India Group Members Only Hired Only Members & Hired

Oxygen Use All Oxvgen Used No Oxygen Used Hired Use A11 Hired Used Above BC No Hired Used Above BC Success/Death A11 Successful Only Unsuccessful Only Died Only Survived Only Successful and Died Unsuccessful and Died Successful and Survived Unsuccessful and Survived Cause of Death (see "Death Analysis" above) Death Classification (see "Death Analysis" above) Summit Bid (see "Death Analysis" above) Summit Termination (see "Member & Gender Analysis" above) Peak Altitude Range All Peaks 6000ers 7000ers 8000ers *mmmm* to *nnnn* meter peaks Year/Season – expedition year/season range Altitude/Year/Age Increment & Age Starting Point When the Peak Altitude format is chosen, an altitude step increment may be selected (the default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (the default is 5 years). When the Age format is chosen, an age step increment and starting point may be selected (the default is 5 years). No increments are available for the Season and Citizenship formats. Order & Minimum Above BC When the Citizenship format is chosen, the output order may be sorted by one of the orders below (the default is Country Name). Country Name Members Above BC Ascents Ascent Rate Deaths **Death Rate** The output may be limited to nations with "n" members above BC. Peak ID

Commercial/Std Routes (see "*Expedition Analysis*" above)

Combinations (multiple selections) can be made for the Success/Death, Cause of Death, Death Classification, Summit Bid, and Summit Termination criteria. Clicking on the Combinations choice will bring up a Pick dialog, from which you can select multiple items.

| ×□- | 1 | | | • |
|--|--|--|--|--|
| H | | | | |
| | n 02 Pet 2.63 | 2.63 | yer s | Page 1 |
| | U пІкном п О2 Сті Ресі 1 2.65 | - | ng Ot | |
| | | BC | sient A 1panyi | |
| | ut 02 Pet | 73.68 above | Accon | |
| | s Without O2 <u>Cmt</u> <u>Pet</u> 28 73.66 | 28 went | w or L ing or Fixing Smt | |
| | ths | 38 0.55 9 23.68 28 73.68 Death totals include only those who went above BC | tf Reason 4 02 System Failure 88 Route Difficulty, Infimidation or Insufficient Ability 80 Too Late in Day or Too Slow 77 Assisting, Guiding, Supporting or Accompanying Others 15 Route Camp Preparation or Fixing Rope 4 Insufficient Time Left for Expedition 60 Did Not Climb or Intend to Smt 93 Other 14 Other 15 Unspecified | |
| | Dea With 02 9 23,68 | 23.68 ly those | ure , intin , or T or T , or Tute , e L eff | |
| | Cirt Wid | 9 de onl | Reason 02 System Failure Route Difficulty, Ir Too Late in Day or Assisting, Guiding, Route Camp Prepa Insufficient Time L Did Not Climb or I Did Not Climb or I Other Unknown Unspecified | |
| | | 5 inclu | Reason 0.2 System I Route Diffic Assisting, G Assisting, | |
| | I Rate 0.55 | 0.55 totals i | | |
| | (6) (6) T otal 33 | 38 Death | Cmt 4 68 80 77 15 16 60 1148 1115 | |
| |)-2016) | н | • | |
| | Sis (1950) 1.60 1.60 | 1.60 | n ock/Ic | |
| | 1 Analysis 7 (8188m) (19 Only Unknown 02 <u>Cut Pet</u> 42 1.60 | | ling R. tivatio | |
| | I An3 Y (818) S Only Unland Cut | 42 | s, Fall Unwe of Mo Probl | |
| | Use of Oxygen Analysis by Peak Altitude for CHOY (8188m) (1950-2016) Members Only Ascents With 02 Without 02 Unknown 02 T With 02 Without 02 Unknown 02 T m Pet Cm Pet Cm Pet Cm 00 38.44 1574 59.96 42 1.60 38 | 59.96 scents | III Reason 26 Success 27 Bad Weather (Stoms, High Winds) 27 Bad Weather (Stoms, High Winds) 28 Bad Conditions (Deep Snow, Avalanches, Falling Rock/Ice) 28 Altitude (AMS Symptoms, Breathing or Unwell) 43 Ex haustion, Fatigue, Weakness or Lack of Motivation 88 Frostbirte, Snowblindness or Coldness 33 Other Illnesses or Pains 34 Lack of Supplies/Support or Equipment Problems | |
| | e of Oxyge ude for CHC Member ¹⁵ ¹⁵ ¹⁵⁷⁴ 59.96 | 69 | Reason Success Success (Subpeak) Bad Weather (Storms, High Winds) Bad Conditions (Deep Snow, Avalanc) Accident (Death or Injury to Self or O Altitude (AMS Symptoms, Breathing, Ex haustion, Fatigue, Weakness or Lac Frostbite, Snowblindness or Coldness Other Illnesses or Pains Other Illnesses or Pains Lack of Supplies/Support or Equipmet | |
| | Use of (Altitude fo Ascents 2 With (44 1574 | 1574 seasonal | , High giury tu toms, 1 Weakr tess or port or | |
| | U sakAl sakAl O2 <u>Pet</u> 38.44 | 8.44 tiple s | ak) torms Symp blindr tor Pai s'Sup | |
| | by Peak / A With O2 09 38.4 | (25) 38.62 1009 38.44 15 Ascent totals exclude multiple sease Summit Bid Termination Summary | Reason Success Success (Subpeak) Bad Weather (Storms, H Bad Conditions (Deep S Accident (Death or Injuu Altitude (AMS Sympton Altitude (AMS Sympton Ex haustion, Fatigue, We Frostbite, Snowblindnes Other Illnesses or Pains Lack of Supplies/Suppo | |
| | by I Wit 1009 | 100 Exclud | Reason Success Success (Bad Weat Accident Accident Ex haustio Frostbite, Lack of S | ase) |
| | Rate 38.62 | 38.62 it totals e | R Succession of the second sec | Datab |
| | tal | 3 cent to | Cm 2626 827 246 246 246 248 288 288 288 283 283 54 | layan |
| | Cut Cut 2625 | 2625 Asc | | Hima |
| | | | a. a. | The |
| Page | Totals Above BC Cnt 6797 | 6797 | the cam | alysis |
| - xuj. | T | | aid ligh ca te hig id | gen An |
| aloxy | | Totals | e n mit t d bek d at h bek above stul b above stul b above stul b above stul b above stul b above stul b above above bek above bek bek above bek above bek above a | Oxyg |
| er - an | | To | Cmt Type 1577 No summit bid 242 Aborted below high camp 797 Aborted at high camp 2626 Successful bid 1115 Unspecified | Use of |
| esign | | it Bid | Cmt 1577 1 242 1440 1797 1797 1797 11115 1115 115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 1115 11 | 2017 |
| 📕 Report Designer - analoxy.frx - Page 1 | 8188m | Totals Summit Bid Summarv | N -1 0-1 | 01/07/2017 Use of Oxygen Analysis (The Himalayan Database) |
| 📕 Re | | | | |

Oxygen Use Analysis Output – By Peak Altitude

The above example analyzes oxygen use for Cho Oyu from 1950 through 2016.

Hired Use Analysis

The hired use analysis analyzes member ascents and deaths by the use or nonuse of hired personnel above base camp. Numbers above base camp, ascent counts and rates, death counts and rates, and oxygen use are given for each group in the printed report and the Excel export.

| Set Hired Analysis Criteria | |
|-----------------------------|-------------------------------------|
| | |
| | |
| Format | Peak Altitude |
| Host Cntry | All |
| Peak Altitude Range | 6000 to 8850 |
| Year/Season | 1950 to 2016 All 🔻 |
| Altitude Increment | 500 |
| | |
| Peak ID | (omit for all peaks) |
| Commercial/Std Routes | All Peaks & Routes |
| | 🗸 Include multiple seasonal ascents |
| Reset to Defaults | OK Cancel Help |
| | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Hired Use analysis are:

```
Format – emphasis and format of output
      Peak Altitude
      Expedition Year
      Season
      Age
      Citizenship
Host Cntry
      All
      Nepal
      China
      India
Peak Altitude Range
      All Peaks
      6000ers
      7000ers
      8000ers
      mmmm to nnnn meter peaks
Year/Season – expedition year/season range
```

Altitude/Year/Age Increment & Age Starting Point

When the Peak Altitude format is chosen, an altitude step increment may be selected (the default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (the default is 5 years). When the Age format is chosen, an age step increment and starting point may be selected (the default is 5 years). No increments are available for the Season and Citizenship formats.

Order & Minimum Above BC

When the Citizenship format is chosen, the output order may be sorted by one of the orders below (the default is Country Name).

Country Name Members Above BC Ascents Ascent Rate Deaths

Death Rate

The output may be limited to nations with "n" members above BC. Peak ID

Commercial/Std Routes (see "*Expedition Analysis*" above)

| | red <u>1.00</u> 1.00 | Page 1 |
|---|--|---|
| | w/o H Ired Rai 19 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | |
| | ths Rate 0.38 0.38 | |
| | Deaths W Hired 19 19 0 0 | |
| | Lal 8.ate 0.55 0.55 | |
| | | |
| 1-2016) | Rate 36.07 36.07 | |
| Use of Hired Analysis by PeakAltitude for CHOY (8188m) (1950-2016) | w/o Hired Cmt Rate 685 36.07 685 36.07 | |
| Use of Hired Analysis Altitude for CHOY (8188m) (19 | nts Rate 39.60 | |
| : of Hir ude for C | Ascents Cut Hired 1940 39 1940 39 | |
| USe PeakAltit | Rate 38.62 38.62 | |
| by J | Total Total 2625 3 | |
| | Totals Abore BC Total whired whired whired Cut Cut 6797 4898 1899 6797 4898 1899 le seasonal ascents | an Database) |
| | Totals Abore BC W Hired W/o E Cnt C1 4898 18 4898 18 4898 188 sonal ascents | e Him alzy |
| | Total 1 Curl 6797 6797 b le season | alysis (Th |
| | Totals Above Totals Above 8188m Cmt Cmt 0797 4898 104als 6797 4898 Ascent totals exclude multiple seasonal ascents | 01/07/2017 Use of Hired Analysis (The Himalayan Database) |
| | \$188m A scent tot | 01/07/2017 |

Use of Hired Analysis Output – By Peak Altitude

The above example analyzes the use of hired personnel for Cho Oyu from 1950 through 2016.

Summit Bid Analysis

The Summit Bid analysis analyzes summit bids by members and hired personnel above base camp. Numbers above base camp, summit bid, ascent and death counts are given for each group in the printed report and the Excel export.

| Set Summit Bid Analysis Criteria | 3 | | | | | | |
|----------------------------------|---------------|-------|------------|----------|----------|------|--|
| | | | | | | | |
| Format | Peak Al | LA 24 | da | | _ | 1 | |
| | Peak A | uuu | ue | | | | |
| Host Cntry | All | | | | T | | |
| Region | All | | | | - | | |
| Group | Membe | ers (| Dnly | | • | [| |
| Smt Bid Termination | Above I | High | Camp | | - | | |
| Oxygen Use | All | | | | - | | |
| Hired Use | All | | | | - | [| |
| Peak Altitude Range | 8188 | to [| 8188 | | | - | |
| Year/Season | 1950 | to | 2016 | All | | • | |
| Altitude Increment | 1000 | | | | | | |
| | | | | | | | |
| Peak ID | СНОХ | (on | nit for al | l peaks) | | | |
| Citizenship | | | | | | 1 | |
| Commercial/Std Routes | , All Peal | (58 | Routes | | | - | |
| | | _ | | | | | |
| | | | | | | | |
| Reset to Defaults | ок | | Cano | el | | Help | |
| | | | | | | | |
| | | | | | | | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Summit Bid analysis are:

Format – emphasis and format of output Peak Altitude Expedition Year Season Age Citizenship Date of Summit Host Cntry All Nepal China India Region (see "*Expedition Analysis*" above)

Group Members Only Women Members Only Hired Only Members & Hired Summit Bid Termination Below High Camp and Above At High Camp and Above Above High Camp (default) Oxygen Use A11 Oxygen Used No Oxygen Used Hired Use A11 Hired Used Above BC No Hired Used Above BC Peak Altitude Range All Peaks 6000ers 7000ers 8000ers mmmm to nnnn meter peaks Year/Season – expedition year/season range Altitude/Year/Age Increment & Age Starting Point When the Peak Altitude format is chosen, an altitude step increment may be selected (default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (default is 5 years). When the Age format is chosen, an age step increment and starting point may be selected (default is 5 years). No increments are available for Season and Citizenship. Date Increment (days) When the Date of Summit for is chosen, a date range increment May be selected (default is 1 day). Peak ID Citizenship The output may be limited to ascents by a single citizenship.

Commercial/Std Routes (see "*Expedition Analysis*" above)

Combinations (multiple selections) can be made for the Region and Summit Termination criteria. Clicking on the Combinations choice will bring up a Pick dialog, from which you can select multiple items.

| Report Designer - analsmtbid.frx - Page 1 | htbid.frx - Pa | ige 1 | | | | | | | | | | | | | | × - |
|--|----------------------|----------------------------|------------------------------------|----------------------|---------------------------------------|--|----------------------|-----------------------|--|----------|------------------------------------|--------------|---------------|--------------------------------------|--------------------|--------|
| | | | | | | Sumn | nit Bid | Summit Bid Analysis | S | | | | | | | |
| | | | | <u> </u> | y Peak . Member. | Altitude fi s Only, T | br CHON erminatin | ((8188m) ug Above | by Peak Altitude for CHOY (8188m) (1950-2016) Members Only, Terminating Above High Camp | (9) • | | | | | | |
| | Memb | Members Above BC | eBC | Summit. Abov | umit Bids Terminat Above High Camp | Summit Bids Terminating Above Hish Camp | | Ascents | | Sum | Summit Bid Deaths w/o Summiting | eaths ing | Sum Aft | Summit Bid Deaths After Summiting |)eaths iting | |
| 8188 m | Total Cnt 6792 | Male Cmt 6037 | Male Female Cnt Cnt 6037 755 | Total Cmt 3428 | Male 3053 Male | Female Cmt 375 | Total Cnt 2631 | Male Cut 2333 | Female Cnt 298 | Total | Male Chil Chil | Female | 9 Chi 9 | Male Chit | Female Cnt 0 | |
| Totals 6792 6037 Totals exclude multiple seasonal ascents Totals exclude unknown members | 6792 seasonal as | 6037 cents | 755 | 3428 | 3053 | 375 | 2631 | 2333 | 298 | 14 | 13 | - | 6 | 0 | | |
| á creat Cinnuran | | | | | | | | | | | | | | | | |
| 15 Solo ascents | | | | | | | | | | | | | | | | |
| 10 Traverses 76 Ski/snowboard descents | rd descents | | | | | | | | | | | | | | | |
| 11 Parapente descents | scents | | | | | | | | | | | | | | | |
| 15 Disputed ascents | ents | | | | | | | | | | | | | | | |
| 44 Unrecognized ascents | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 05/11/2020 Summit Bid Analysis (The Himalayan Database) | Analysis (T | 'he Hima | layan Datab | iase) | | | | | | | | | | | Page 1 | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

Summit Bid Analysis Output – By Peak Altitude

The above example analyzes summit bids for Cho Oyu from 1950 through 2016.

Termination Analysis

The Summit Bid Termination analysis analyzes the results of summit bids by members. The status of summit bids are given for each group in the printed report and the Excel export.

| Set Summit Bid Termination Cri | eria |
|--------------------------------|--|
| | |
| | |
| Format | Peak Altitude |
| Host Cntry | All |
| Group | All Members |
| Oxygen Use | All |
| Hired Use | All |
| Summit Bid | All |
| Summit Termination | All |
| Peak Altitude Range | 8188 to 8188 |
| Year/Season | 1950 to 2016 All |
| Altitude Increment | 1000 |
| | |
| Peak ID | CHOY (omit for all peaks) |
| Commercial/Std Routes | All Peaks & Routes 🔽 |
| | Include expeditions that did not climb |
| Reset to Defaults | Cancel Help |
| | |

In the Analysis Criteria dialog box, select the criteria that you want:

The criteria options for the Summit Bid Termination analysis are:

Format – emphasis and format of output Peak Altitude Expedition Year Season Age Citizenship Host Cntry All Nepal China India Group All Members Women Only Men Only

Oxygen Use All Oxvgen Used No Oxygen Used Hired Use A11 Hired Used Above BC No Hired Used Above BC Summit Bid (see "*Death Analysis*" above) Summit Termination (see "Member & Gender Analysis" above) Peak Altitude Range All Peaks 6000ers 7000ers 8000ers mmmm to nnnn meter peaks Year/Season – expedition year/season range Altitude/Year/Age Increment & Age Starting Point When the Peak Altitude format is chosen, an altitude step increment may be selected (default is 500m). When the Expedition Year format is chosen, a year step increment may be selected (default is 5 years). When the Age format is chosen, an age step increment and starting point may be selected (default is 5 years). No increments are available for Season and Citizenship. Order **Country Name** Members Above BC Ascents Ascent Rate Deaths **Death Rate** When the Citizenship format is chosen, the output order may be sorted by one of the orders below (default is Country Name). Minimum Above BC The output may be limited to nations with "n" members above BC. Peak ID Citizenship The output may be limited to ascents by a single citizenship. Commercial/Std Routes (see "Expedition Analysis" above)

Combinations (multiple selections) can be made for the Summit Bid and Summit Termination criteria. Clicking on the Combinations choice will bring up a Pick dialog, from which you can select multiple items.

| Exped Members Members No No< | by Peak Altitude f or CHON (61385m) (1950-2010) All Members E Summit Bids Summit Bids 1 1577 242 High Camp High Camp 202 1 1577 242 440 797 262 nmembers 242 440 797 262 Sures 0 Success (Subpeak) 232 Bad Weather (Stoms, High Winds) 242 246 Bad Weather (Stoms, High Winds) 243 243 Rucess (Subpeak) 2440 797 262 244 Bad Weather (Stoms, High Winds) 244 245 245 246 Bad Weather (Stoms, High Winds) 244 245 245 248 Bad Conditions (Deep Snow, Avalanches, Falling Rock/Ice) 243 244 Bad Weather (Stoms, Breathing or Unwell) 243 244 245 Everses Conditions (Deep Snow, Avalanches, Falling Rock/Ice) 243 246 Bad Conditions (Deep Snow, Avalanches, Falling Rock/Ice) 243 244 247 Accidert (Deeth or Injuy to Self or Others) 24 | 20160 2000 20160 2000 20160 20000000000 | Reasons for Termination (only given in Excel output) 1115 Unspecified 1115 1115 1115 1115 1115 1115 4 02 System Failure 68 Route Difficulty, Infimidation or Insufficient Ability 77 Assisting, Guiding, Supporting or Accompanying Others 15 Route Camp Preparation or Fixing Rope 4 Insufficient Time Left for Expedition 60 Did Not Climb or Intend to Sum 1115 Unspecified 112 Unspecified |
|---|---|---|---|
| 01/07/2017 Summit Bid Termination Analysis (The Himalayan Database) | yan Database) | | Page 1 |

Termination Analysis Output – By Peak Altitude

The above example analyzes summit bid terminations for Cho Oyu from 1950 through 2016.