VICTORIA 2000 BC SUMMER GAMES

ECONOMIC IMPACT ASSESSMENT

prepared for:

BC Games Society

prepared by:

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SUMMARY OF FINDINGS

- The Victoria 2000 BC Summer Games created direct economic impact in Victoria of over 2.2 million dollars. Approximately two-thirds of this impact was created by the spending of Games participants, while Games Society organizers contributed onethird.
- Direct spending within these two categories was as follows:

| Spending by participants | \$1,410,000 |
|--------------------------|------------------|
| Spending by organizers | <u>\$817,000</u> |
| Total | \$2,227,000 |

• Direct spending by participants was as follows:

| Athletes/Competitors | \$388,000 |
|----------------------|------------------|
| Spectators | \$906,000 |
| Volunteers | <u>\$116,000</u> |
| Total | \$1,410,000 |

• Direct spending in Victoria by Games organizers was as follows:

| Victoria 2000 BC Summer Games Society | \$668,000 |
|---------------------------------------|------------------|
| BC Games Society | <u>\$149,000</u> |
| Total | \$817,000 |

- Spending by Games participants occurred over the three to four days of the Games during the last week of August 2000. Spending by the Games organizers occurred over a longer period of time prior to, during, and after the Games.
- The demand survey technique used to measure the economic impact of the Games provided a defendable analysis process. A total of 627 surveys were completed with Games participants. Based on the survey sample sizes, the results are considered accurate to within 7% for the participant survey (200 interviews), just over 5% for the spectator survey (316 interviews), and 10% for volunteers (111 interviews).
- It is noted that the analysis focused entirely on direct spending. This direct spending would have triggered additional indirect and induced effects. These impacts were not measured but would have increased the overall economic impact slightly.

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1.0 INTRODUCTION

1.1 BACKGROUND

Victoria hosted the 2000 BC Summer Games from July 28 to 30, 2000. The Games took place from Friday to Sunday, and included 28 sports held in 37 separate venues. Due to the size of the event, sports facilities throughout the Capital Region were utilized, (plus Shawnigan Lake for water skiing).

The Games involved over 3,700 participants (athletes, officials and coaches) from the eight provincial sport zones. Victoria provided over 4,000 local volunteers who assisted in administering the Games. Numerous businesses and agencies in the community also donated a great deal of "in-kind" support to the Games.

Hosting the BC Games produces a surge of economic activity in the host community. Spending by the local Games Society and by BC Games - but mainly by the participants, spectators and volunteers - creates this impact. The BC Games Society was interested in quantifying the economic impact created by the Games, as one measure of the Game's success. The Economic Planning Group was retained to conduct the analysis. The following pages describe the nature and size of the impacts.

1.2 OBJECTIVES

The purpose of this study was to estimate the economic impact of the Victoria 2000 BC Summer Games on the community. Economic impact was measured by calculating direct spending in the local area. Impacts were estimated by local spending of the:

- Victoria 2000 BC Summer Games Society
- BC Games Society
- Athletes/Officials/Coaches
- Spectators
- Volunteers

1.3 METHODOLOGY

Two methods were used to collect economic impact information. They were both based on estimating **expenditures**. The two techniques are described below.

Participant/Spectator/Volunteer Spending

This spending analysis technique involved collecting information on individuals who spent money in the community as a result of their involvement in the Games. These individuals included the participants (athletes, officials and coaches), spectators and volunteers. A sample of individuals from each of these categories was interviewed about their Games related spending.

Participants were interviewed at the Food Venue at the Cedar Hill Recreation Centre. This location was selected as all participants came to this site twice a day for breakfast and supper. It was a convenient and practical location to intercept a random sample of participants.

Spectators were interviewed by a group of interviewers who were specifically recruited for the project. This interviewing was undertaken by 15 members of the Mt. Douglas Secondary School Football Club, under the supervision of representatives of the Economic Planning Group. The interviewers participated in a training session on the Saturday of the Games, where the purpose of the analysis was explained and the questionnaires reviewed. Instructions were also provided on respondent selection and interviewing procedures.

Once trained, the interviewers were assigned various venues, concentrating on the sports with the greatest numbers of spectators. Each person was also given a clipboard and questionnaires to record the interview results for a sample of spectators.

Volunteers were interviewed at the Food Venue and at several of the sports venues.

Completed questionnaires were collected and edited. The spectator turnover ratios were calculated and the sport zones coded. Each questionnaire was sequentially numbered and the information entered into *SurveyIt*, a survey analysis software package. Frequency distributions and averages were produced for each question for each of the three categories of respondents.

Games Society Spending

This category involved the local expenditures made by the two organizing societies involved with the Games - the Victoria 2000 BC Summer Games Society and the BC Games Society. This procedure was designed to capture all local spending by these administrative bodies, related to hosting the Games. These figures were accessed from society representatives using an early September 2000 cut-off date. In cases where spending occurred outside the Victoria area (such as purchases of materials from outside suppliers), these amounts were not included.

2.0 PARTICIPANT EXPENDITURES

2.1 ANALYSIS METHOD

The number of persons participating in the Games was obtained from Games organizers. Total spending was estimated by interviewing a sample of these participants, asking them about their Games related expenditures. All participants were interviewed at the Food Venue. A total of 200 questionnaires were completed, representing 5% of the participants.

Average spending was calculated from this participant survey sample. To calculate total spending, the average spending was multiplied by the total number of participants. A total of 3,735 individuals participated in the Games. The distribution of participants by sport is tabulated in Table 2-1. A listing of the number of participants by sport zone is tabulated in Table 2-2.

Table 2-1
List of Sports Participants and Venues

| Sport/Activity | Athletes | Others | Venue Location |
|----------------|----------|--------|--|
| Archery | 84 | 19 | Colquitz School |
| Athletics | 302 | 61 | Centennial Stadium |
| Basebail | 118 | 37 | Lambrick Park |
| Basketball | 155 | 36 | Oak Bay Secondary |
| Cricket | 67 | 10 | Beacon Hill and Windsor Parks |
| Cycling | 70 | 36 | Hartland Mtn. |
| Diving | 47 | 15 | Commonwealth Pool |
| Equestrian | 25 | 13 | Saanich Fair Grounds |
| Field Hockey | 167 | 49 | UVic |
| Lacrosse | 103 | 26 | Archie Browning Centre |
| Lawn Bowls | 70 | 18 | Beacon Hill Lawn Bowls |
| Orienteering | 29 | 8 | Thetis Lake/Royal Roads |
| Parachuting | 25 | · 9 | Drop Zone – Island View Hwy. |
| Rowing | 45 | 20 | Elk Lake |
| Rugby | 178 | 31 | Velox and Wallace Fields |
| Sailing | 50 | 6 | Royal Victoria Yacht Club |
| Shooting | 97 | 53 | N. Saanich and Victoria Fish & Game |
| Soccer | 285 | 69 | Topaz Park |
| Softball | 200 | 63 | RAP/Central (Boys) Lockside (Girls) |
| Swimming | 193 | 47 | Crystal Pool |
| Sync. Swimming | 66 | 30 | Commonwealth Pool |
| Tennis | 101 | 9 | Oak Bay Rec. Centre |
| Triathlon | 37 | 21 | UVic |
| Volleyball | 192 | 46 | Mt. Doug. Sr. Sec. (Boys) UVic (Girls) |
| Water polo | 72 | 19 | Commonwealth Pool |
| Water Skiing | 35 | 28 | Shawnigan Lake |
| Wrestling | 119 | 25 | Central School |
| Totals | 2924 | 811 | 3735 |

Notes:

- 1. "Others" column includes coaches, manages, officials and chaperones
- 2. The source for the information was the BC Games Society, Sport Zone List Summary (September 1/00)

Table 2-2 Number of Participants by Sport Zone

| Sport/Activity | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Total |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Archery | 7 | 5 | 3 | 22 | 11 | | 23 | 10 | 22 | 103 |
| Athletics - Functional | 2 | - | 2 | 2 | 1 | 4 | | - | 3 | 14 |
| -Special Olympics | 1 | - | 4 | 5 | 3 | | 6 | - | 2 | 21 |
| -Track and Field | 21 | 26 | 43 | 52 | 27 | 33 | 44 | 20 | 48 | 314 |
| -Wheelchair | - | - | | 2 | 1 | 4 | 6 | - | 1 | 14 |
| Baseball | 16 | 18 | 18 | 18 | 17 | 18 | 18 | 15 | 17 | 155 |
| Basketball - Girls | | 12 | 11 | 12 | 12 | 12 | 12 | 10 | 11 | 92 |
| Basketball - Boys | 9 | 11 | 10 | 12 | 10 | 11 | 12 | 12 | 12 | 99 |
| Cricket | 5 | - | 13 | 12 | - | - | 23 | 12 | 12 | 77 |
| Cycling | 5 | 7 | 10 | 14 | 8 | 10 | 12 | 8 | 11 | 85 |
| Cycling - Vis. Impaired | 2 | - | - | 2 | 4 | 4 | 1 | - | 3 | 16 |
| Diving | 6 | - | - | 13 | 12 | 10 | 11 | - | 10 | 62 |
| Equestrian | 9 | 1 | 5 | - 4 | 2 | 3 | 11 | 2 | 1 | 38 |
| Field Hockey - Men | 11 | - | - | 15 | 16 | 16 | 32 | - | - | 90 |
| Field Hockey - Women | 12 | 16 | 16 | 16 | 16 | 18 | 32 | - | - | 126 |
| Lacrosse | 12 | - | 19 | 20 | 20 | 19 | 19 | - | 20 | 129 |
| Lawn Bowls | 3 | - | 12 | 7 | 8 | 9 | 8 | - | - | 47 |
| Lawn Bowls - Vis. Imp. | 2 | - | 4 | 8 | 9 | 6 | 12 | - | | 41 |
| Orienteering | 6 | 2 | 3 | - | 1 | 10 | 13 | 1 | 1 | 37 |
| Parachuting | 9 | 1 | 2 | 4 | 2 | - | 8 | 7 | 1 | 34 |
| Rowing | 9 | 8 | 11 | 6 | 9 | 11 | 11 | - | _ | 65 |
| Rugby | 2 | 26 | 25 | 25 | 25 | 26 | 56 | - | 24 | 209 |
| Sailing | 1 | • | 11 | 9 | - | 17 | 18 | - | - | 56 |
| Shooting - Centrefire | 8 | - | 7 | 3 | 4 | 1 | 8 | - | - | 31 |
| Shooting - Handgun | 7 | _ | 6 | 8 | 4 | 7 | 7 | 4 | 5 | 48 |
| Shooting - Smallbore | 11 | 7 | 8 | 9 | 7 | 6 | 8 | 8 | 7 | 71 |
| Soccer - Boys | 14 | 21 | 19 | 20 | 20 | 19 | 20 | 19 | 20 | 172 |
| Soccer - Girls | 15 | 20 | 21 | 21 | 21 | 22 | 20 | 21 | 21 | 182 |
| Softball - Boys | 9 | - | 14 | 14 | 16 | 15 | 31 | 14 | 16 | 129 |
| Softball - Girls | 10 | 15 | 16 | 17 | 16 | 18 | 30 | - | 16 | 138 |
| Swimming - BCSSA | 16 | 21 | 27 | 26 | 27 | 26 | 29 | _ | 27 | 199 |
| -Functional | 3 | - | - | 2 | - | | 4 | - | 2 | 11 |
| -Special Olympics | - | 2 | 7 | 7 | 3 | 2 | 5 | - | 4 | 30 |
| Sync. Swimming | 17 | 3 | 12 | 14 | 11 | 14 | 14 | _ | 11 | 96 |
| Tennis | 2 | 16 | 13 | 10 | 14 | 15 | 14 | 12 | 14 | 110 |
| Triathlon | 5 | 7 | 8 | 8 | 4 | 5 | 7 | 7 | 7 | 58 |
| Volleyball - Boys | 15 | 14 | 14 | 14 | 13 | 14 | 14 | 14 | 14 | 126 |
| Volleyball - Girls | - | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 112 |
| Water polo | 5 | 14 | 15 | 14 | 15 | 14 | 14 | • | • | 91 |
| Water Skiing | 18 | | 6 | 5 | 9 | 13 | - | 12 | - | 63 |
| Wrestling | 9 | 9 | 21 | 22 | 13 | 20 | 22 | 13 | 15 | 144 |
| Totals | 314 | 296 | 450 | 508 | 425 | 466 | 649 | 235 | 392 | 3735 |

Source: BC Games Society, Sport Zone Summary, September 1/00

Notes:

- 1. Participants include athletes, coaches, managers, officials and chaperones.
- 2. Totals include all categories for each event (i.e. Special Olympics, masters, etc.), except where tallied separately for the larger events (i.e., hockey).
- 3. Total participants included 2924 competitors, 304 coaches, 63 managers, 327 officials, and 117 chaperones.
- 4. Zone 0 refers to Officials (not attached to individuals zones).
- 5. The provincial sport zones are as follows:

| Zone | Area | Zone | Area |
|------|----------------------|------|---------------------------------|
| 1 | Kootenays | 5 | Vancouver - Squamish |
| 2 | Thompson-Okanagan | 6 | Vancouver Island -Central Coast |
| 3 | Fraser Valley | 7 | North West |
| 4 | Fraser River - Delta | 8 | Cariboo – North East |

2.2 PARTICIPANT CHARACTERISTICS

• The majority of participants interviewed (83%), were from outside Victoria/Vancouver Island. The distribution of participants - and the number and percent interviewed - was as follows:

Table 2-3
Participants Interviewed by Sport Zone

| one | Name | Number Interviewed | % of Total Interviewed | Total Participan |
|------|-------------------------------|-----------------------|---------------------------|---------------------|
| 1 | Kootenays | 33 | 15% | 296 |
| 2 | Thompson-Okanagan | 17 | 9% | 450 |
| 3 | Fraser Valley | 20 | 10% | 508 |
| 4 | Fraser River - Delta | 20 | 10% | 425 |
| 5 | Vancouver - Squamish | 19 | 10% | 466 |
| 6 | Vancouver Island -Cent. Coast | 18 | 9% | 649 |
| 7 | North West | 35 | 17% | 235 |
| 8 | Cariboo – North East | 35 | 17% | 392 |
| | Other/No Response | 6 | 3% | |
| otal | | 200 | 100% | 3735 |

Source: BC Games Society and EPG survey results

• Participants from most events were interviewed (19 of the 27 venues). Table 2-4 depicts the distribution of persons interviewed by sport.

Table 2-4
Participants Interviewed by Event

| Sport/Activity | Athletes | Others | No. Interviewed |
|----------------|----------|--------|-----------------|
| Archery | 84 | 19 | 12 |
| Athletics | 302 | 61 | 20 |
| Baseball | 118 | 37 | 8 |
| Basketball . | 155 | 36 | 13 |
| Cricket | 67 | 10 | 0 |
| Cycling | 70 | 36 | 11 |
| Diving | 47 | 15 | 5 |
| Equestrian | 25 | 13 | 0 |
| Field Hockey | 167 | 49 | 9 |
| Lacrosse | 103 | 26 | 0 |
| Lawn Bowls | 70 | 18 | · 7 |
| Orienteering | 29 | 8 | 0 |
| Parachuting | 25 | 9 | 0 |
| Rowing | 45 | 20 | . 6 |
| Rugby | 178 | 31 | 12 |
| Sailing | 50 | 6 | 0 |

| Shooting | 97 | 53 | 25 |
|----------------|------|-----|-----|
| Soccer | 285 | 69 | 17 |
| Softball | 200 | 63 | 20 |
| Swimming | 193 | 47 | 0 |
| Sync. Swimming | 66 | 30 | 2 |
| Tennis | 101 | 9 | 5 |
| Triathlon | 37 | 21 | 4 |
| Volleyball | 192 | 46 | 8 |
| Water polo | 72 | 19 | 9 |
| Water Skiing | 35 | 28 | 0 |
| Wrestling | 119 | 25 | 3 |
| Totals | 2924 | 811 | 200 |

Source: EPG survey results

- Most persons interviewed (72%), were taking part in the Games as competitors, although 11% were coaches, 7% were officials, and 9% were chaperones.
- Most participants (97%) were staying in Victoria for the entire duration of the Games (i.e., either 3 or 4 days). The average length of stay was 3.97 days. (Although the Games officially lasted three days, most competitors arrived on Thursday, the day before the competition began.)
- Nearly all respondents (96%) said they attended the Opening Ceremonies. A significantly smaller number, (58%), were planning to attend the Closing Ceremonies. (About 15% did not know if they would attend the Closing Ceremony or not.)
- Just under half of participants (47%), had friends or relatives come to the event to watch them. The average number of spectating friends and relatives per participant was 1.92. It is noted that many of these spectators were watching more than one competitor, so the participant related totals are not additive. Distribution of the number of spectators watching friends and relatives compete is as follows:

| | None | 55% |
|---|-----------------------|-----|
| _ | 1 spectator | 9% |
| - | • | 10% |
| _ | | 6% |
| _ | 4 - 5 spectators | 11% |
| | 6 - 9 spectators | 5% |
| _ | 10 or more spectators | 3% |

2.3 PARTICIPANT EXPENDITURES

- Nearly all participants (94%), said they would be spending some money while participating in the Games.
- Most participants indicated that these expenditures covered only their own spending, while the remainder indicated that their expenditures covered persons in addition to themselves ranging from two to five persons. For analytical purposes, all expenditures have been converted to per-person totals.

Table 2-5
Participant Expenditures by Category

| Category | | | | Percei | ntage | by Ex | pendi | ure C | roups | | | | Avg. Exp. |
|--------------|------|--------|---------|--------|---------|---------|---------|---------|---------|---------|----------|--------|--------------|
| | 80 | \$1-10 | \$11-20 | 321-30 | \$31-40 | \$41-50 | \$51-60 | \$61-70 | \$71-80 | \$81-90 | \$91-100 | \$101+ | |
| Accom. | 81.3 | 1.1 | 0.0 | 0.0 | 5.9 | 1.6 | 0.0 | 1.1 | 1.1 | 0.0 | 4.8 | 3.2 | \$13.72 |
| Automobile | 79.7 | 5.3 | 5.9 | 3.7 | 2.1 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | \$4.62 |
| Concession | 45.5 | 39.6 | 8.0 | 2.7 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | \$6.53 |
| Gifts | 38.5 | 9.1 | 17.1 | 5.3 | 10.7 | 9.6 | 1.6 | 0.0 | 1.6 | 0.0 | 1.6 | 4.8 | \$26.80 |
| Local Trans. | 83.4 | 12.3 | 2.7 | 0.0 | 0.5 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | \$1.72 |
| Groceries | 53.5 | 23.5 | 9.6 | 3.7 | 5.3 | 2.1 | 0.0 | 0.0 | 0.5 | 0.0 | 1.6 | 0.0 | \$9.63 |
| Restaurant | 51.9 | 16.6 | 11.8 | 5.9 | 2.1 | 6.4 | 0.5 | 1.1 | 1.1 | 0.5 | 1.1 | 1.1 | \$13.76 |
| Rec./Ent. | 59.9 | 23.0 | 9.6 | 4.3 | 0.5 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | \$6.26 |
| Shopping | 70.1 | 4.8 | 6.4 | 5.9 | 2.7 | 3.7 | 1.1 | 0.5 | 0.5 | 0.0 | 2.1 | 2.1 | \$13.81 |
| Other | 93.6 | 1.6 | 1.6 | 1.1 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 1.1 | 0.5 | \$3.13 |
| Total | 4.7 | 52 | 7.3 | 63 | 6.3 | 8,9 | 7.3 | 1.6 | 9.4 | 5.8 | 4.2 | 33.0 | \$103.83 |

Source: Interviews with 200 Games participants Notes:

- 1. Figures are row percentages (i.e., they add to 100% horizontally).
- 2. Numbers in the Average Expenditure column are the average dollar amounts spent in each expenditure category.
- The average amount of money spent per person was \$103.83. Average spending ranged from a few dollars to several hundreds of dollars, with non-residents spending nearly twice what local residents spent. The distribution between residents and non-residents is as follows:

| _ | Average expenditures for non-local residents | \$105.70 |
|---|--|----------------|
| _ | Average expenditures for local residents | <u>\$61.86</u> |
| _ | Average expenditures for all participants | \$103.83 |

• The largest expenditure category was gifts and souvenirs at nearly \$27 per person. It is noted that many participants expressed concern about not being able to buy souvenirs, either because they were not able to get to the souvenir booths or because the products were sold out.

- The other largest spending categories (all at just over \$13 per person) were shopping, restaurant meals, and accommodation.
- The total amount of money spent by participants was estimated to be \$388,000, calculated as follows:

| | Average expenditure per person | \$103.83 |
|---|--------------------------------|--------------|
| | times | |
| _ | Number of participants | <u>3,735</u> |
| | equals | |
| | Total participant spending | \$387,805 |

3.0 SPECTATOR EXPENDITURES

3.1 ANALYSIS METHOD

To calculate spectator spending, the total number of spectators was multiplied by the average spending per spectator. Average spending was obtained from interviews with a sample of spectators. (A total of 316 spectators were interviewed at 13 venues.) Table 3-1 illustrates the number of spectators interviewed by sport.

Table 3-1
Spectators Interviewed by Venue

| Sport/Activity | Athletes | Others | No. Interviewed |
|--------------------|----------|--------|-----------------|
| | | | - |
| Archery | 84 | 19 | - |
| Athletics | 302 | 61 | 98 |
| Baseball | 118 | 37 | 21 |
| Basketball | 155 | 36 | - |
| Cricket | 67 | 10 | - |
| Cycling | 70 | 36 | - |
| Diving | 47 | 15 | 6 |
| Equestrian | 25 | 13 | • |
| Field Hockey | 167 | 49 | 11 |
| Lacrosse | 103 | 26 | 32 |
| Lawn Bowis | 70 | 18 | • |
| Orienteering | 29 | 8 | - |
| Parachuting | . 25 | 9 | • |
| Rowing | 45 | 20 | - |
| Rugby | 178 | 31 | 1 |
| Sailing | 50 | 6 | • |
| Shooting | 97 | 53 | • |
| Soccer | 285 | 69 | 32 |
| Softball | 200 | 63 | 26 |
| Swimming | 193 | 47 | 2 |
| Sync. Swimming | 66 | 30 | 9 |
| Tennis | 101 | 9 | - |
| Triathlon - | 37 | 21 | - |
| Volleyball | 192 | 46 | 3 |
| Water polo | 72 | 19 | 44 |
| Water Skiing | 35 | 28 | • |
| Wrestling | 119 | 25 | 17 |
| No sport indicated | - | - | 14 |
| Totals | 2924 | 811 | 316 |

Source: EPG survey results

Since tickets were not sold for the events, and attendance counts not taken, a method was needed to calculate the total number of spectators. This spectator count needed to estimate the number of unique individuals so as to avoid double counting persons who attended more than one event. Two methods have been employed. One approach uses a spectator turnover ratio. The other method uses information on the proportion of spectators who came to watch friends or relatives.

3.1.1 Spectator Turn-over Ratio Approach

The total number of spectators is the quotient of the peak number of spectators at each venue divided by the spectator turnover ratio. This is represented by the formula:

Number of Unique Spectators = Peak Number of Spectators / Spectator Turn-Over Ratio

where: Spectator Turnover Ratio = No. of different events / No. of days

The peak number of spectators at each venue was determined by periodic counts over the course of the Games, and by estimates provided by the sport chairpersons. It is noted that this figure represented the number of dedicated spectators and not athletes who were watching other competitors. The figure is designed to represent the at-one-time peak attendance.

The spectator turnover ratio is intended to eliminate double counting (i.e., counting the same person at more than one event). This ratio was determined by asking spectators about the number of events they were watching and the number of days they were at the Games. The turnover ratio is the quotient of the number of events (different sports) attended divided by the number of days at the Games. By definition, this index must be equal to or greater than one.

The turnover ratio, generated from the sample of spectators interviewed, was applied to the sum of the peak spectator count for each venue. This approach produced an estimate of the total number of unique spectators who attended events at the Victoria 2000 Games.

3.1.2 Participant Induced Spectator Approach

The total number of spectators at the Games can also be defined as the number who came to watch friends and relatives, plus those who did not. This relationship is represented by the formula:

Total Spectators = Participant Induced + Non-Participant Induced

The participant induced spectators can be calculated from information contained in the Spectator and Participant questionnaires. Question 6 on the Spectator questionnaire records the number of persons who attended the Games to watch their friends or relatives compete.

Question 6 of the Participant survey indicates the number of persons who came to watch them compete. Multiplying the average number of spectators per participant times the registered number of participants, and dividing by the average number of participants per spectator equals the number of Participant Induced Spectators.

The ratio of the number of participant induced (yes to questions 6) versus non-participant induced spectators (no to question 6) is known. Applying these ratios against the estimated number of Participant Induced Spectators allows the total number of spectators to be calculated.

3.2 SPECTATOR COUNTS

• The peak number of spectators who attended each venue is illustrated below.

Table 3-2
Peak Spectator Counts by Sport

| Sport/Activity | Athletes | Others | Peak Spectators |
|----------------|----------|--------|-----------------|
| | | | |
| Archery | 84 | 19 | 70 |
| Athletics | 302 | 61 | 1800 |
| Baseball | 118 | 37 | 600 |
| Basketball | 155 | 36 | 500 |
| Cricket | 67 | 10 | 300 |
| Cycling | 70 | 36 | 30 |
| Diving | 47 | 15 | 225 |
| Equestrian | 25 | 13 | 300 |
| Field Hockey | 167 | 49 | 500 |
| Lacrosse | 103 | 26 | 500 |
| Lawn Bowls | 70 | 18 | 30 |
| Orienteering | 29 | 8 | 10 |
| Parachuting | 25 | 9 | 35 |
| Rowing | 45 | 20 | 100 |
| Rugby | 178 | 31 | 500 |
| Sailing | 50 | 6 | 50 |
| Shooting | 97 | 53 | 200 |
| Soccer | 285 | 69 | 1200 |
| Softball | 200 | 63 | 400 |
| Swimming | 193 | 47 | 140 |
| Sync. Swimming | 66 | 30 | 170 |
| Tennis | 101 | 9 | 50 |
| Triathlon | 37 | 21 | 50 |
| Volleyball | 192 | 46 | 400 |
| Water polo | 72 | 19 | 225 |
| Water Skiing | 35 | 28 | 300 |
| Wrestling | 119 | 25 | 200 |
| Totals | 2924 | 811 | 8,885 |

Source: Victoria 2000 BC Summer Games Society for participants, plus personal counts and estimates by sport chairpersons for spectators.

• The total peak spectator count was 8,885. The calculated spectator turnover ratio was 1.14, or expressed differently, each spectator attended 1.14 different events. Consequently, the total number of unique individual spectators was estimated to be 7,793 (i.e., 8,885/1.14 = 7,793).

- The participant induced spectator count procedure produced a slightly lower estimate of 6,129, comprised of 4,781 participant induced and 1,348 non-spectator induced spectators. This total was based on the following information:
 - 1.92 spectators per participant (Question 6 Participant Survey)
 - 1.5 participants per spectator (Question 6 Spectator Survey)
 - 78% of spectators were participant induced (Question 6 Spectator Survey)

where the number of participant induced spectators is:

$$(1.92)(3537)/1.5 = 4,781$$

and, the number of non-participant induced spectators is:

- participant induced is
- 78% or 4,781
- non-participant induced is
- 22% or 1,348

- therefore:
- 100% (participant plus non-participant induced spectators) = 6,129

3.3 SPECTATOR CHARACTERISTICS

- Four out of ten spectators interviewed (40%), were from Victoria.
- The non-local spectators interviewed came from seven of the eight BC sport zones, as described below.

Table 3-3
Spectators Interviewed by Sport Zone

| Zone | Description | Spectators | Percent |
|-------|---------------------------------|------------|---------|
| 1 | Kootenays | 5 | 2% |
| 2 | Thompson-Okanagan | 7 | 2% |
| 3 | Fraser Valley | 38 | 12% |
| 4. | Fraser River - Delta | 29 | 9% |
| 5 | Vancouver - Squamish | 33 | 11% |
| 6 | Vancouver Island –Central Coast | 169 | 54% |
| 7 | North West | 9 | 3% |
| 8 | Cariboo – North East | 13 | 4% |
| Other | Other/No Response | 13 | 3% |
| Total | | 316 | 100% |

- The Games were the main reason that nearly all (96%) of the non-local spectators visited Victoria.
- Nearly four out of ten spectators (39%), were attending the Games for three days, while 24% were attending the Games for two days. The average length of stay in Victoria was 2.8 days. The distribution of length of stay was as follows:

| _ | 1 day | 17% |
|---|----------|-----|
| _ | 2 days | 24% |
| _ | 3 days | 39% |
| _ | 4 days + | 20% |

- Just less than one-half of the spectators attended the Opening Ceremonies (44%), and about 39% expected that they would attend the Closing Ceremonies.
- More than half the spectators (56%), were attending the Games to watch a friend or relative compete. About two-thirds (63%) of these persons were in Victoria to watch one person. Another 20% of the spectators indicated they were in Victoria to watch an entire team. The average number of persons spectators were watching was 1.5 persons.
- The average size of the spectator parties was 3.94 persons. The distribution of spectator party size is as follows:

| - | 1 spectator | 14% |
|---|---------------|-----|
| _ | 2 spectators | 32% |
| _ | 3 spectators | 19% |
| _ | 4 spectators | 14% |
| _ | 5+ spectators | 21% |

3.4 SPECTATOR EXPENDITURES

 Most spectators (93%) spent money on goods and/or services while attending the Games. The following chart indicates the distribution of per person spending on a variety of categories.

Table 3-5
Spectator Expenditures by Category

| Percentage by Expenditure Grou | | | | | | | | roup | roups | | | | |
|--------------------------------|------|--------|---------|---------|---------|---------|---------|---------|---------|--------|----------|-------|----------|
| | 50 | \$1-10 | \$11-20 | \$21-30 | \$31-40 | \$41-50 | \$51-60 | \$61-70 | \$71-80 | 381-90 | \$91-100 | 3101+ | Exp. |
| Accom. | 68.3 | 0.7 | 1.0 | 2.0 | 2.0 | 2.7 | 1.0 | 1.3 | 1.3 | 2.7 | 3.0 | 14.0 | \$36.69 |
| Automobile | 52.3 | 16.3 | 10.0 | 7.3 | 5.0 | 4.7 | 1.0 | 1.0 | 0.7 | 0.0 | 1.0 | 0.7 | \$12.60 |
| Concession | 30.0 | 45.3 | 14.3 | 5.3 | 0.3 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | \$9.56 |
| Gifts | 66.0 | 9.3 | 9.0 | 5.0 | 2.0 | 3.7 | 0.3 | 0.7 | 0.7 | 0.3 | 2.3 | 0.7 | \$12.36 |
| Local Trans. | 91.3 | 3.0 | 2.0 | 0.7 | 1.3 | 1.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.0 | \$2.18 |
| Groceries | 78.3 | 9.7 | 4.7 | 2.0 | 1.3 | 2.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | \$5.36 |
| Restaurant | 42.7 | 7.3 | 10.0 | 8.3 | 5.3 | 7.3 | 1.3 | 2.7 | 2.7 | 2.0 | 5.7 | 4.7 | \$30.31 |
| Rec./Ent. | 82.9 | 3.7 | 5.0 | 2.3 | 2.0 | 2.3 | 0.0 | 0.3 | 0.0 | 0.3 | 1.0 | 0.0 | \$5.05 |
| Shopping | 76.7 | 3.7 | 6.0 | 3.0 | 1.0 | 5.3 | 0.3 | 0.3 | 0.3 | 0.3 | 1.3 | 1.7 | \$10.37 |
| Other | 93.3 | 0.7 | 2.3 | 0.7 | 1.3 | 1.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.3 | \$4.28 |
| Total | 6.5 | 14.2 | 7.4 | 7.8 | 6.1 | 4.9 | 2.3 | 1.0 | 2.6 | 2.6 | 5,5 | 39.2 | \$128.90 |

Source: Interviews with 316 Games spectators

Notes:

- 1. Figures are row percentages (i.e., they add to 100% horizontally).
- 2. Numbers in the Average Expenditure column are the average dollar amounts spent in each expenditure category.
- Spectators attending the Games had an average expenditure of \$128.90 while watching the Games. As expected, out-of-town spectators spent considerably more than local residents. The averages for locals and non-locals is as follows:

| _ | Average spending by non-local residents | \$197.90 |
|---|---|----------|
| _ | Average spending by local residents | \$27.33 |
| _ | Average spending by all spectators | \$128.90 |

• The largest expenditure categories were accommodation (\$37) and restaurant meals (\$30). Automobile costs, gifts and other shopping were in the \$10 - \$12 range.

• Applying the average expenditures to the total number of spectators results in a spectator spending total of \$905,500 (i.e., \$128.90 x 7,025). This is based on the average of the two spectator counts, as follows:

Spectator Turn-Over Technique
 Participant Induced Technique
 6,129

14,051/2 = 7,025 (approx.)

4.0 VOLUNTEER EXPENDITURES

4.1 ANALYSIS METHOD

As with participants and spectators, volunteers were asked about their Games participation and related spending. A total of 4,050 volunteers assisted with administration of the Games (Source: BC Games Society). Just over one hundred volunteers were interviewed at a variety of venues.

Volunteers were asked about the volunteer category in which they were working, the number of days they would be volunteering, whether they had any friends or relatives attending the Games, and their spending. Average spending per person was multiplied by the total number of volunteers to estimate total spending by all volunteers.

4.2 VOLUNTEER CHARACTERISTICS

Volunteers were involved in the Games in a number of different capacities. The distribution of persons interviewed is as follows:

Table 4-1 Volunteers Interviewed by Category

| Category | Number | Percent |
|---------------------------|--------|---------|
| Accommodation - | 2 | 2% |
| Administration | 3 | 3% |
| Ceremonies | 1 | 1% |
| Communications | 0 | 0% |
| Cultural Services/Events | 1 | 1% |
| Food Services | 77 | 77% |
| Friends of the Games | 0 | 0% |
| Medical | 6 | 6% |
| Promotion | 0 | 0% |
| Protocol | 9 | 9% |
| Registrations and Results | 0 | 0% |
| Security | 4 | 4% |
| Sports | 6 | 6% |
| Transportation | 1 | 1% |
| Volunteers | 0 | 0% |
| Others | 0 | 0% |
| No Response | 1 | 1% |
| Total | 111 | 100% |

Source: EPG survey results

 More than half the volunteers (54%) were working at the Games for four days or more, while the average duration was 3.4 days. The distribution was as follows:

| - | one day | 6% |
|---|-------------|-----|
| _ | two days | 16% |
| | three days | 24% |
| | four + days | 54% |

• One-third (32%) of volunteers were a friend or relative of a Games participant.

4.3 VOLUNTEER EXPENDITURES

 Most volunteers (over 78%) bought some goods and/or services while assisting with the Games. Table 4-3 illustrates the distribution of expenditures in percentages, by category.

Table 4-3 Volunteer Expenditures by Category

| Category | Percentage by Expenditure Groups | | | | | | | Avg. Exp. | | | | | |
|--------------|----------------------------------|--------|---------|---------|---------|---------|--------|--------------|---------|---------|-------------|--------|---------|
| | SO | \$1-10 | \$11-20 | \$21-30 | \$31-40 | \$41-50 | 351-60 | \$61-70 | \$71-80 | \$81-90 | 391- 100 | \$101+ | |
| Accom. | 94.8 | 2.1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 2.1 | \$6.35 |
| Automobile | 60.4 | 22.9 | 7.3 | 2.1 | 5.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | \$7.31 |
| Concession | 84.4 | 9.4 | 4.2 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | \$2.13 |
| Gifts | 85.4 | 4.2 | 5.2 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | \$4.85 |
| Local Trans. | 90.6 | 8.3 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | \$0.77 |
| Groceries | 94.8 | 3.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | \$1.05 |
| Restaurant | 83.3 | 3.1 | 6.3 | 2.1 | 1.0 | 1.0 | 2.1 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | \$5.00 |
| Rec./Ent. | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | \$0.00 |
| Shopping | 97.9 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | \$0.78 |
| Other | 94.8 | 3.1 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | \$0.66 |
| Total | 22.4 | 35.7 | 16.3 | 8.2 | 3.1 | 2.0 | 3.1 | 0.0 | 0.0 | 1.0 | 2.0 | 6.1 | \$28.62 |

Source: Survey of 111 volunteers.

Notes:

- 1. Figures are row percentages (i.e., they add to 100% horizontally).
- 2. Numbers in the Average Expenditure column are the average dollar amounts spent in each expenditure category.
- The average expenditure by each Volunteer over the duration of the Games was \$28.62.
- The total expenditure of the 4,050 volunteers was \$115,900 (i.e., \$28.62 x 4,050).

5.0 GAMES SOCIETY EXPENDITURES

Another category of Games related expenditures was the organizing societies. These were the Victoria 2000 BC Summer Games Society and the BC Games Society.

5.1 VICTORIA 2000 BC SUMMER GAMES SOCIETY

The Victoria 2000 BC Summer Games Society was responsible for organizing and staging the Games.

The Victoria 2000 BC Summer Games Society had a budget of \$840,000 to host the Games. This included \$714,000 from the BC Games Society, a \$74,000 grant from the City of Victoria, \$33,000 in donations, and revenue from souvenir sales. As of mid September 2000, the Society had spent just over \$685,000.

The spending of this money to purchase goods and services had an impact on the local economy since most was spent in Victoria. Estimates by the Budget Committee indicate that slightly more than 85% (approximately \$591,000) was spent locally. (Source: Victoria 2000 BC Summer Games, Budget Chair.)

The Victoria Games Society is also projecting a surplus of approximately \$150,000. This surplus will be split 50:50 with BC Games Society. The portion retained by the Victoria Games Society will create a legacy fund that will be used to improve sports facilities in the Victoria area.

The total amount of money spent (or to be spent) by the Victoria Games Society in Victoria is as follows:

| - | Victoria Games Society spending | \$591,000 |
|---|---------------------------------|-----------------|
| _ | Victoria Games legacy fund | <u>\$77,000</u> |
| | Total | \$668,000 |

In addition to cash expenditures by the organizing society, a great deal of "in-kind" assistance was provided by local merchants, clubs, agencies and individuals. This assistance added significantly to the success of the Games, but the economic value of these contributions has not been included in the analysis.

5.2 BC GAMES SOCIETY

BC Games Society also incurred a number of costs to stage the Games. These expenditures can be grouped into two basic categories.

One category was for a variety of administrative costs including staff costs, signs, entertainment, thank you dinner, foam mattresses, main stage costs, posters, etc. This category also included the costs to accommodate the bus drivers who brought competitors to Victoria.

The other category was travel costs to actually bring athletes to Victoria (paid to locally based companies). These travel costs included Victoria based bus charter costs, and air transportation costs paid to Victoria based companies.

| Administration Costs | \$35,000 |
|--|------------------|
| Travel Costs | <u>\$114,000</u> |
| Total | \$149,000 |

6.0 CONCLUSIONS

The Victoria 2000 BC Summer Games created direct economic impact in Victoria of well over two million dollars. Approximately two-thirds of this impact was created by the spending of Games participants, while one-third was contributed by Games Society organizers.

Direct spending within these two categories was as follows:

| Spending by participants | \$1,410,000 |
|--------------------------|------------------|
| Spending by organizers | <u>\$817,000</u> |
| Total | \$2,227,000 |

• Direct spending by participants was as follows:

| Total | \$1,410,000 |
|----------------------|------------------|
| Volunteers | <u>\$116,000</u> |
| Spectators | \$906,000 |
| Athletes/Competitors | \$388,000 |

• Direct spending in Victoria by Games organizers was as follows:

| Total | \$817,000 |
|---------------------------------------|------------------|
| BC Games Society | <u>\$149,000</u> |
| Victoria 2000 BC Summer Games Society | \$668,000 |

Spending by Games participants occurred over the three to four days of the Games during the last week of August 2000. Spending by the Games organizers occurred over a longer period of time - prior to, during, and after the Games.

The demand survey technique used to measure the economic impact of the Games provided a defendable analysis process. A total of 627 surveys were completed with Games participants. Based on the survey sample sizes, the results are considered accurate to within 7% for the participant survey (200 interviews), just over 5% for the spectator survey (316 interviews), and 10% for volunteers (111 interviews).

It is noted that the analysis focused entirely on direct spending. Additional indirect and induced effects would have been triggered by this direct spending. These impacts were not measured but would have increased the overall economic impact slightly.

APPENDICES

- A QUESTIONNAIRES
- **B** INTERVIEWER INSTRUCTIONS

APPENDIX A

QUESTIONNAIRES

PARTICIPANT

SPECTATOR

VOLUNTEER

| · | | |
|---|--|--|
| | | |
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2000 BC SUMMER GAMES

PARTICIPANT SURVEY

| A | ctivity | Location | Fri. 🗆 Sat. 🗆 🖠 | Sun. 🗆 | [No |] |
|---|---|---|--|------------------|----------------------|-------------|
| 1. | Do you live in Vio | ctoria? | Yes [] (GO TO #4) | No □ | | |
| 2. | If no, where is you | ur home? (Com | munity) | [Spor | t Zone | _] |
| 3. | How many days in Games? | n total will you be sp | pending in the area as a r | esult of att | tending the | |
| 4. Which sports/events/activities have you attended or will you be attending? | | | | | | |
| | Friday 1_ Saturday 1_ Sunday 1_ Opening Ceremo | ony Y/N | 22 2 Closing Ceremony | 33 3Y/N/ | DK | - - - |
| 5. | In what capacity a Particip | re you taking part? pant Official | Coach Other | | | - |
| 6. | Have friends or rel | latives come to the (| Games to watch you? | Yes □ Ho No □ | w many?_ | |
| 7. | | ed, or will you be pu attending the Game | irchasing, any goods or ses? Yes \square | | nile either | |
| 3. | How much do you estimate you and your party will spend in total in the area during the Games on the following items? (Enter amounts to nearest dollar.) | | | | | |
| | (How many person | ns are covered by the | e expenditures? | | person | s.) |
| Aut Cor Sift | commodation tomobile and Gas accession as and Souvenirs cal Transportation | \$ \$ \$ \$ | Groceries Restaurant Meals Recreation/Entertainm Retail Shopping Other Total | nent | \$ \$ \$ \$ | |

Survey being conducted for the BC Games Society

Thank you for your assistance!

2000 BC SUMMER GAMES

SPECTATOR SURVEY

| A | ctivity | Location_ | Fri. 🗆 Sat. 🗆 Sı | un. [No] |
|--------------------|--|-----------------------|---|--------------------------------|
| 1. | Do you live in Vi | ctoria? | Yes □ (GO TO #4) | No □ |
| 2. | If no, where is yo | ur home? | (Community) | |
| 3. | Are the Summer | Games your prime t | reason for visiting the area Yes No No | today? ot sure/Don't know □ |
| 4. | How many days v | vill you be spending | g at these Games? | days |
| 5. | Which sports/ever | nts/activities have y | ou attended or will you be | attending? |
| | Friday 1_ Saturday 1_ Sunday 1_ Opening Ceremo | ny Y/N | 2 | 33 |
| | | | elatives? Yes \(\text{Yes} \) | |
| | | you be, purchasing | are in your spectator part any goods or services whil Yes □ | e either visiting the |
| | | | your party will spend in to nter amounts to nearest do | |
| | (How many persor | is are covered by th | e expenditures? | persons.) |
| Aut Cor Gift | commodation comobile and Gas acession as and Souvenirs al Transportation | \$ \$ \$ | Groceries Restaurant Meals Recreation/Entertainment Retail Shopping Other Total | \$ \$ \$ \$ |

Thank you for your assistance!

2000 BC SUMMER GAMES

VOLUNTEER SURVEY

| Activity | | Loc | ation | Thur. 🗆 | Fri. 🗆 | Sat. □ | [No |] |
|--|--|-------------------------|---------------------------|---|----------------------|---------------------------------------|-------------|-----------|
| 1. | In which volunteer capacity are you working? | | | | | | | |
| | Accommodation | | □ Promotions | | | | | |
| | Administration | | | Protocol | | | | |
| | Ceremonies | | | Registration | n and Re | sults | | |
| | Communications | | | Security | | | | |
| | Cultural/Spec. Eve | ents | | Sports | | | | |
| | Food Services | | | Transporta | tion | | | |
| | Friends of the Gar | nes | | Volunteers | | | | |
| | Medical | | | Others | | | | |
| 3. Are you a friend or relative of any of the participants (athletes or officials), in the Games? Yes No | | | | | | | | |
| 4. | How much do you (Please record only Games?) | estim y <i>exp</i> e | ate you wi enditures t | ill spend during the hat you have made | e Games e or will | on the fol make as a | lowing item | ıs? ne |
| Accommodation \$ | | Groceries | | | \$ | | | |
| | Automobile and Gas \$ | | | Restaurant | Meals | | \$ | _ |
| Concession \$ | | | Recreation/Entertainment | | | \$ | _ | |
| | s and Souvenirs | \$ \$ | | Retail Shop | oping | | \$ | - |
| Loc | Local Transportation | | | Other | | · · · · · · · · · · · · · · · · · · · | \$ | _ |
| | | | | Total | | | \$ | |

Thank you for your assistance.

APPENDIX B

INTERVIEWER INSTRUCTIONS

2000 BRITISH COLUMBIA SUMMER GAMES

ECONOMIC IMPACT SURVEY INTERVIEWER INSTRUCTIONS

Introduction and Background

Victoria is hosting the 2000 BC Summer Games during the last weekend in July. The Games include 30 sports at 42 sport venues, and will likely have a participant total in excess of 3,500 persons. The event will also involve literally thousands of local volunteers, and entertain thousands of spectators.

The existence of the Games will have significant economic impact on the Victoria area, based on spending - by the local Games Society and by BC Games - but particularly by the athletes, spectators and volunteers. BC Games has not measured the economic impact of a summer Games since 1992 and the Victoria Games is being used to determine local economic effects of the Games.

Objectives

The overall purpose of the project is to analyze and calculate the economic impact of the Summer Games on the Victoria area. Economic impact will be measured by direct spending in the local area. Impacts will be estimated by the local spending of the:

- Victoria Host Society
- BC Games
- athletes/participants
- volunteers
- spectators

The survey you are involved with focuses on the spectator category.

Questionnaires

Spending by, spectators is the focus of your involvement in this project. The questionnaire you will be using is one page in length, and can be completed in a few minutes.

The intent of this form is to conduct a sample survey, which will provide information on total spending generated by the Games. Efficient interviews and thorough completion of the questionnaires are crucial to accurate analysis of the results.

Sample Sizes

The following numbers of questionnaires are targeted for the three categories:

Participants 200 - 250
 Spectators 250 - 300
 Volunteers 100 - 150

Sports/Activities and Venues

The following sports/activities are included in these Games, with estimated participation and venue locations.

| Sport/Activity | Athletes | Others | Venue Location |
|-----------------------|----------|--------|--|
| | 2.5 | - 10 | |
| Archery | 96 | 18 | Colquitz School |
| Athletics | 340 | 51 | Centennial Stadium |
| Baseball | 120 | 46 | Lambrick Park |
| Basketball | 160 | 50 | Oak Bay Secondary |
| Cricket | 96 | 18 | Beacon Hill and Windsor Parks |
| Cycling | 120 | 22 | Hartland Mtn. |
| Diving | 70 | 18 | Commonwealth Pool |
| Equestrian | 80 | 14 | Saanich Fair Grounds |
| Field Hockey | 224 | 54 | UVic |
| Lacrosse | 136 | 28 | Archie Browning Centre |
| Lawn Bowls | 100 | 31 | Beacon Hill Lawn Bowls |
| Modern Pentathlon | 42 | 12 | UVic |
| Orienteering | 50 | 7 | Thetis Lake/Royal Roads |
| Parachuting | 50 | 10 | Drop Zone – Island View Hwy. |
| Rowing | 54 | 15 | Elk Lake |
| Rugby | 184 | 35 | Velox and Wallace Fields |
| Sailing | 70 | 15 | Royal Victoria Yacht Club |
| Shooting | 136 | 51 | Heals Range |
| Soccer | 288 | 68 | Topaz Park |
| Softball - | 256 | 72 | RAP/Central (Boys) Lockside (Girls) |
| Swimming | 208 | 42 | Crystal Pool |
| Synchronized Swimming | 72 | 25 | TBA |
| Tennis | 112 | 14 | Oak Bay Rec. Centre |
| Triathlon | 48 | 24 | UVic |
| Volleyball | 192 | 50 | Mt. Douglas Sr. Sec. (Boys) UVic (Girls) |
| Water polo | 96 | 28 | Commonwealth Pool |
| Water Skiing | 80 | 28 | Shawinigan Lake |
| Wrestling | 160 | 30 | Central School |
| Totals | 3640 | 876 | |

Notes:

- 1. Others column includes coaches, manages, officials and chaperones
- 2. The source for the information was the Victoria 2000 Games Society (June 1/00)

Interview Process

Interviews of a sample of spectators, should be completed at your venue(s). Each interviewer should complete about 30 survey forms to ensure we get a reliable sample of persons watching activities at each venue.

Timing of Interviews

The key information in the questionnaire is about Games related spending. Consequently, conducting your interviews on Saturday – towards the end of the Games – will allow respondents to answer the questions more accurately than doing the interviews earlier.

Respondent Selection

It is important that the survey be as random as possible so the sample can accurately reflect the total number of attendees. However, actual respondent selection will depend on the number of people at the venue and on their agreement to participate.

In busy venues, approach or ask a sample of potential respondents during your interviewing stint. In less busy venues, approach persons until the venue quota is complete. Attempt to approach a mix of males and females, and persons of different ages.

Interview Procedures

Participation in the survey is voluntary and each individual survey response will be anonymous. Approach a selected responded, introduce yourself and the survey project, and ask if they would be willing to answer a few questions about their visit to the Games. The following is the introduction that should be used.

| Good morning/afternoon. My name is We are conducting a 2000 Summer Games. Would you mind answering a few questions? | a survey for the |
|---|--------------------|
| Go through the questionnaire asking each question. The questions with a should be checked as applicable, while a question with a line () written response. When the interview is over, thank the person for their | requires a |
| on to the next respondent. | abbibliance and Sc |

Questionnaire Drop Off

Put the completed questionnaires from your interview stint in an envelope, and drop them off at the Games office (957 Fort Street), to the attention of David Hall. (Cel 216-2624)

| • | | | |
|---|--|--|--|