

**The Use of and Demand for Sports
Facilities by the Hong Kong National
Sports Associations**

Dr Atara Sivan
Hong Kong Baptist University
Prof Robert W. Robertson
University of Technology, Sydney

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INTRODUCTION

This report provides the results of an exploratory survey which was conducted in conjunction with Phase II of a survey entitled "The use of and demand for recreational facilities and services in Hong Kong". It was undertaken to cater for an emerging need of the Hong Kong Sports Development Board (HKSDB) to get a general picture about the utilization of and need for sports facilities of the National Sports Association's (NSAs). The survey was conducted during the months May and June by Dr. Atara Sivan and Prof. Robert W. Robertson.

The report consists of two main sections: the first section explores the use of facilities and the second section gives an overview about the NSAs demand for facilities.

METHODOLOGY

Data were collected on a questionnaire which was designed especially for the survey purpose. The questionnaire aims to obtain information from the respondents on the following areas:

- main facilities used by the association during the previous year
- providers of the facilities
- location of the facilities (district)
- frequency of use
- level of satisfaction from the facilities
- problems encountered in relation to the facilities
- future use of facilities, their providers, location and frequency of intended use per year.

The respondents were presented with a list of facilities which was supplied by the Hong Kong Sports Development Board (HKSDB). They were asked to indicate the two main facilities used by their association and those which the association intend to use. The respondents were also asked to answer questions in relation to the current and future use of the facilities. In answering the above questions, the respondents were requested to refer to the following functions and levels:

- Competitions/ Tournament
- Elite level development
- Intermediate level development
- Elementary level development

The questionnaire was written in English and pre-tested during April. It was then administered to 62 representatives of associations based on the list supplied by the HKSDB. Thirty four associations returned the questionnaires. Return rate was 54.8% (ref. appendix 1 for the list of associations).

EXPLANATORY NOTES

The present report is based on information supplied by representatives of about half of the NSAs in Hong Kong. In order to supply an overall picture about the use of and demand for sports facilities, results are presented with reference to different functions and levels of users which are common to all associations.

Additional information which was supplied by the respondents as well as several other comments are presented in the Appendices.

Since the respondents could give more than one answer to most of the questions, the sum of the percentage exceeds one hundred.

MAIN FEATURES

Indoor games hall was the most popular facility used by the NSAs. Other facilities were used to much lesser extent. The types of facilities used varied according to the function and level of development.

Facilities were mainly provided by the urban and regional councils. Facilities used for the elite level of development were also provided by the Hong Kong Sports Institute (HKSI). Clubs and other bodies were additional providers but to a much lesser extent.

Facilities used were mainly located in Wanchai and Shatin. Facilities were also located in other districts such as: Eastern, Yau Tsim, Tsuen Wan and Wong Tai Sin. The location of facilities varied according to the function and level of development.

Frequency of use of facilities was mainly up to twenty times and over one hundred times per year.

Overall, the NSAs were satisfied with the facilities used.

Lack of facilities was the main problem indicated by the NSAs.

Indoor games hall was the most popular facility which the NSAs intended to use in the future. Other facilities were intended to be used to much lesser extent. The types of facilities for future use varied according to the function and level of development.

Providers of facilities for future use were mainly urban and regional councils. HKSI was the potential provider especially for elite level development. Clubs and a range of other bodies were also the providers of facilities for future use but to much lesser extent.

Most of the facilities for future use are located in Wanchai and Shatin. Facilities are also located in district, such as: Southern, Eastern, Yau-Tsim, Wong Tai Sing and Tsuen Wan. Location of facilities varies according to the function and level of development

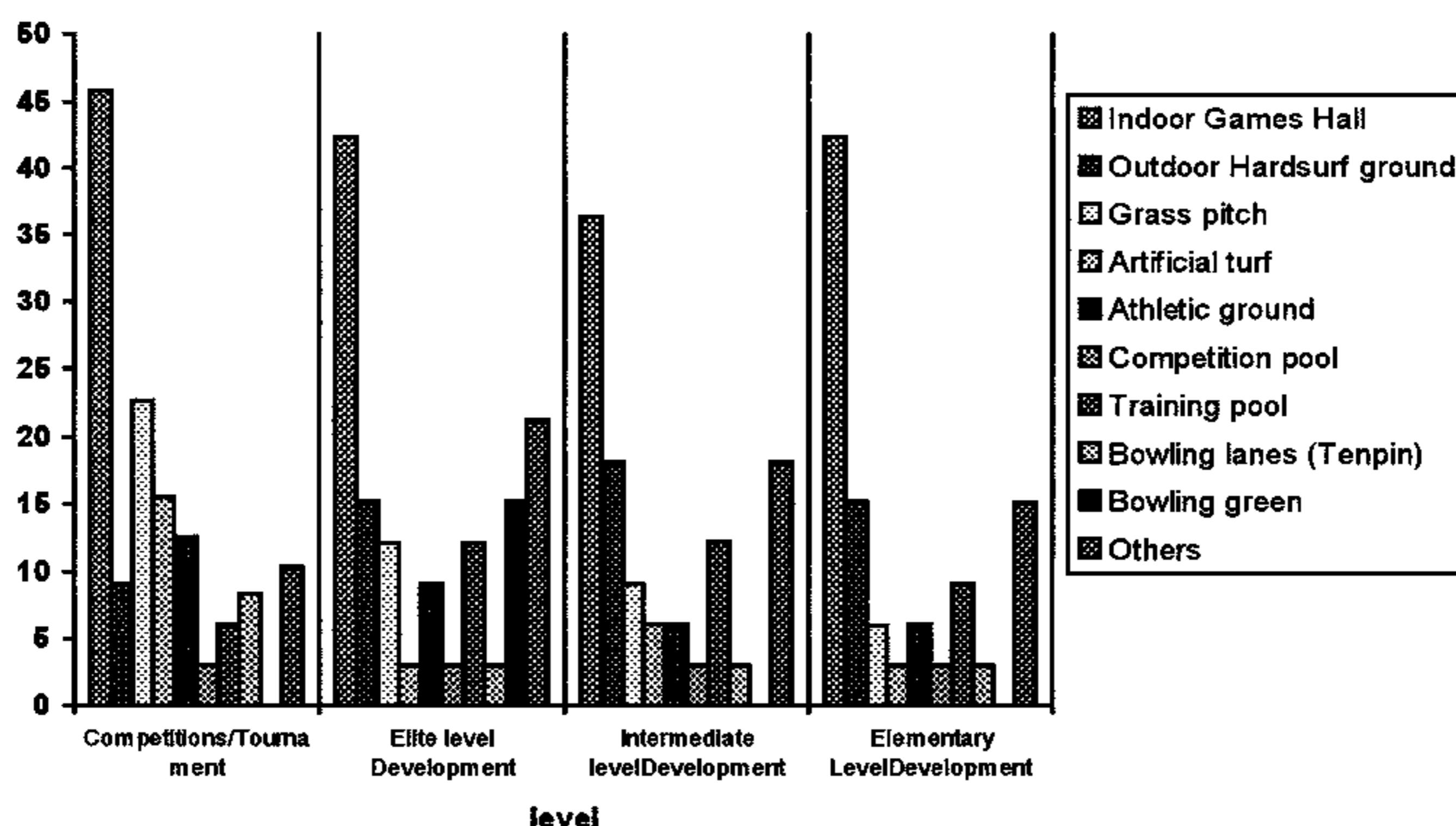
Frequency of future use was mainly up to twenty times and over one hundred times per year.

1. Use of facilities

Table 1.1 : Types of facilities used

Facilities	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
Indoor Games Hall	45.8	42.4	36.4	42.4
Outdoor Hardsurf ground	9.1	15.2	18.2	15.2
Grass pitch	22.7	12.1	9.1	6.0
Artificial turf	15.5	3.0	6.1	3.0
Athletic ground	12.5	9.1	6.1	6.1
Competition pool	3.0	3.0	3.0	3.0
Training pool	6.1	12.1	12.2	9.1
Bowling lanes (Tenpin)	8.3	3.0	3.0	3.0
Bowling green (Lawn Bowls)	4.2	15.2	-	-
Others	10.3	21.3	18.2	15.1

Fig. 1: Types of facilities used



Indoor games hall was the most popular facility used by the NSAs for all functions and levels. This facility was used by one third to almost half of the associations .

All the rest of the facilities were used by less than a quarter of the associations. Among those the outdoor hardsurf ground was mainly used for elite, intermediate and elementary level, and the grass pitch for competitions/tournaments. Most of the respondents indicated that their NSA also used other facilities (ref. appendix 1).

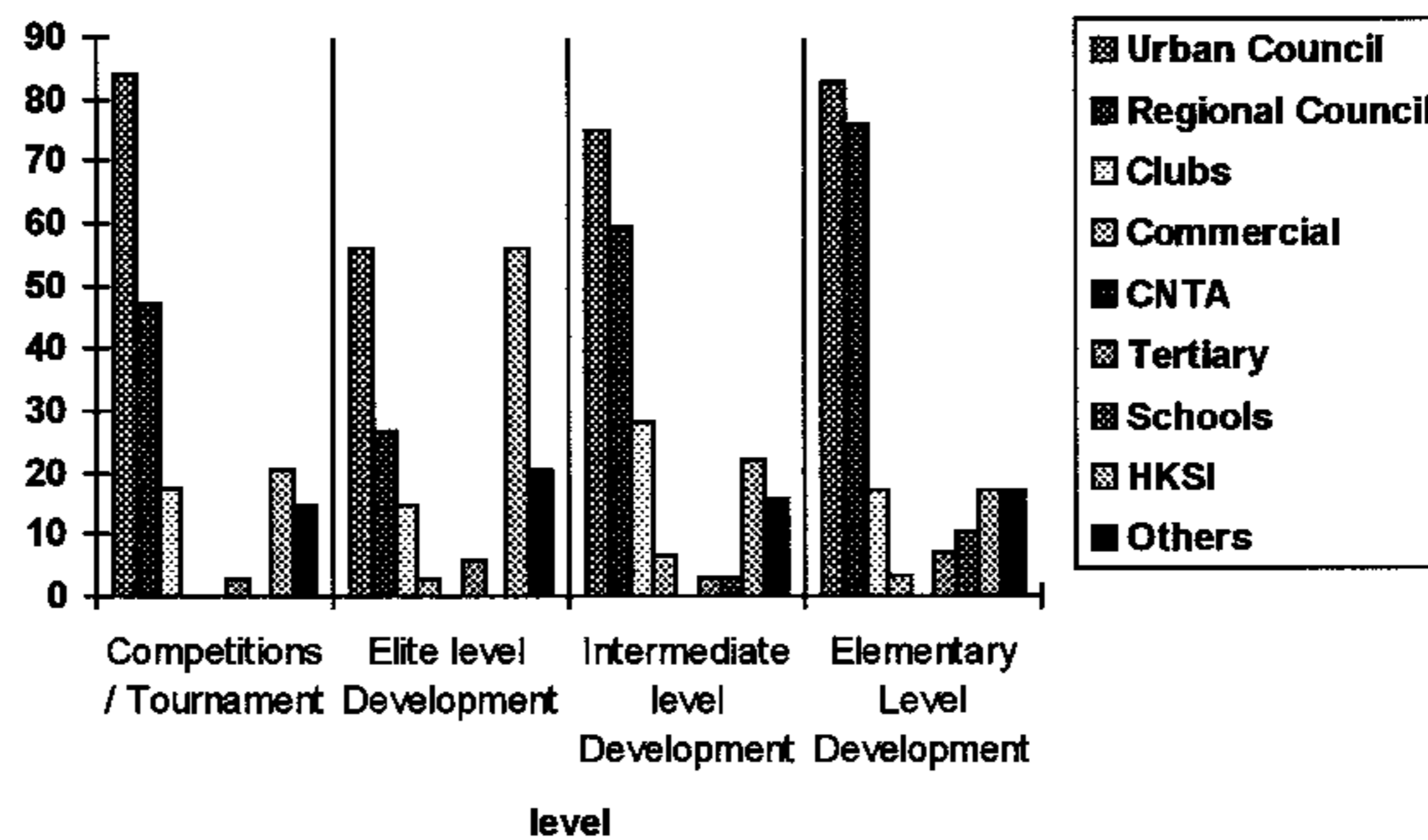
Indoor games hall, grass pitch and artificial turf were the facilities mostly used for competitions/tournaments. Whereas, the three main facilities utilized for Elite, Intermediate and

Elementary level development were indoor games hall, outdoor hardsurf ground and other facilities (ref. appendix 1)

Table 1.2: Providers of facilities

Provider	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
Urban Council	84.0	55.9	75.0	82.8
Regional Council	47.1	26.5	59.4	75.9
Clubs	17.6	14.7	28.1	17.2
Commercial	-	2.9	6.3	3.4
CNTA	-	-	-	-
Tertiary	2.9	5.9	3.1	6.9
Schools	-	-	3.1	10.3
HKSI	20.6	55.9	21.9	17.2
Others	14.7	20.6	15.6	17.2

Fig. 2: Providers of facilities

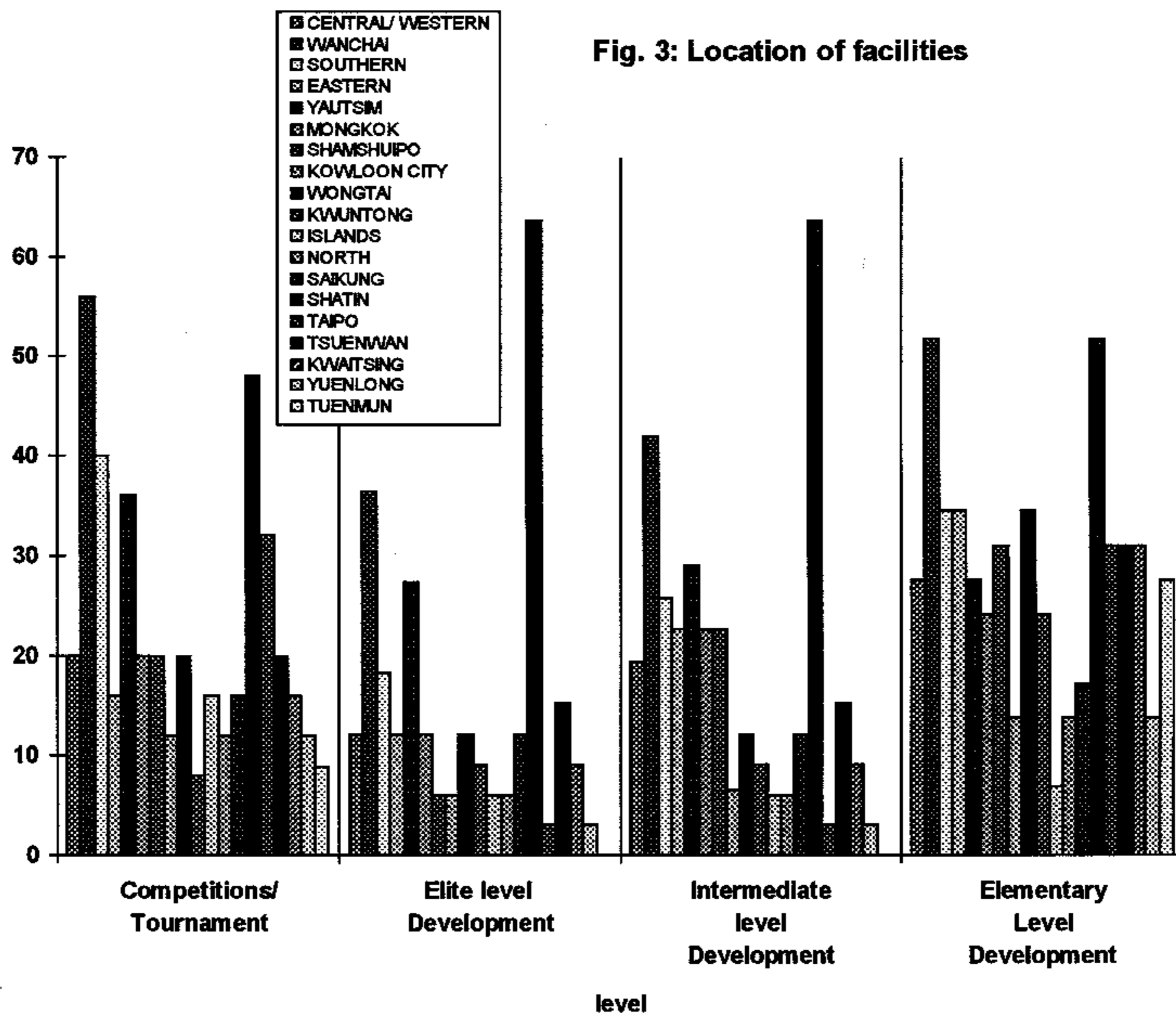


Facilities were provided mainly by urban and regional councils especially for competitions/tournament and for intermediate and elementary levels of development. Facilities for the elite level development were mainly provided by urban council and by the Hong Kong Sports Institute (HKSI).

Clubs, HKSI and other facilities were the providers for about one quarter of the facilities used by the NSAs for all functions and levels of development. (ref. appendix 1 for other providers of activities).

Table 1.3. Location of facilities

District	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
CENTRAL/WESTERN	20	12.1	19.4	27.6
WANCHAI	56	36.4	41.9	51.7
SOUTHERN	40	18.2	25.8	34.5
EASTERN	16	12.1	22.6	34.5
YAUTSIM	36	27.3	29.0	27.6
MONGKOK	20	12.1	22.6	24.1
SHAMSHUIPO	20	6.1	22.6	31.0
KOWLOON CITY	12	6.1	6.5	13.8
WONGTAI	20	12.1	12.1	34.5
KWUNTONG	8	9.1	9.1	24.1
ISLANDS	16	6.1	6.1	6.9
NORTH	12	6.1	6.1	13.8
SAIKUNG	16	12.1	12.1	17.2
SHATIN	48	63.6	63.6	51.7
TAIPO	32	3.0	3.0	31.0
TSUENWAN	20	15.2	15.2	31.0
KWAITSING	16	9.1	9.1	31.0
YUENLONG	12	3.0	3.0	13.8
TUENMUN	8.8	-	-	27.6



The most popular districts for all functions and levels were Wanchai and Shatin. Facilities used for elementary level development were spread more around the territory, whereas facilities used for other levels were located in several main districts.

The main districts for each level were as follows:

Competitions/Tournaments - Wanchai, Shatin, Southern, Yautsim and Tai Po.

Elite level development - Shatin, Wanchai, Yau Tsim, Southern and Tsuen Wan.

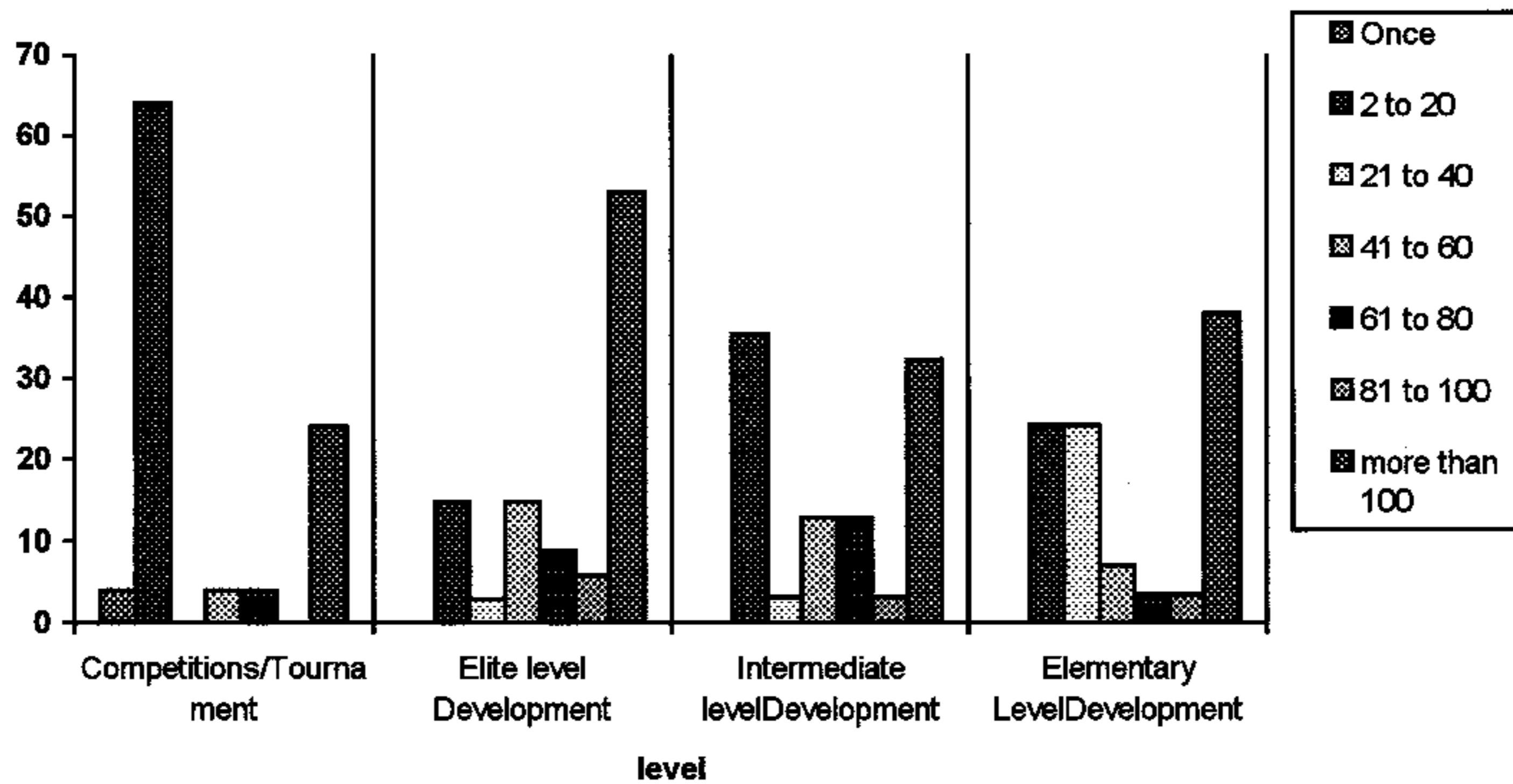
Intermediate level development - Shatin, Wanchai, Yau Tsim, Southern, Eastern, Mong Kok and Sham Shui Po.

Elementary level Development - Wanchai, Shatin, Eastern, Southern and Wong Tai Sin.

Table 1.4. Frequency of use of facilities

Frequency	Competitions/ Tournament	Elite level Development	Intermediate Level Development	Elementary Level Development
Once	4.0	-	-	
2 to 20	64.0	14.7	35.5	24.1
21 to 40	-	2.9	3.2	24.1
41 to 60	4.0	14.7	12.9	6.9
61 to 80	4.0	8.8	12.9	3.4
81 to 100	-	5.9	3.2	3.4
more than 100	24.0	52.9	32.3	37.9

Fig. 4: Frequency of use of facilities



There was an overall tendency to use the facilities up to 20 times or more than 100 times per year.

The frequency of use varied across the different functions and levels of development.

The majority of facilities for competitions/tournaments (64.0%) were used up to 20 times per year and about one quarter (24.0%) of facilities were used more than 100 times.

About half of the facilities for elite development level (52.9%) were used more than 100 times and about one third were used up to 20 times and between 40 to 60 times per year.

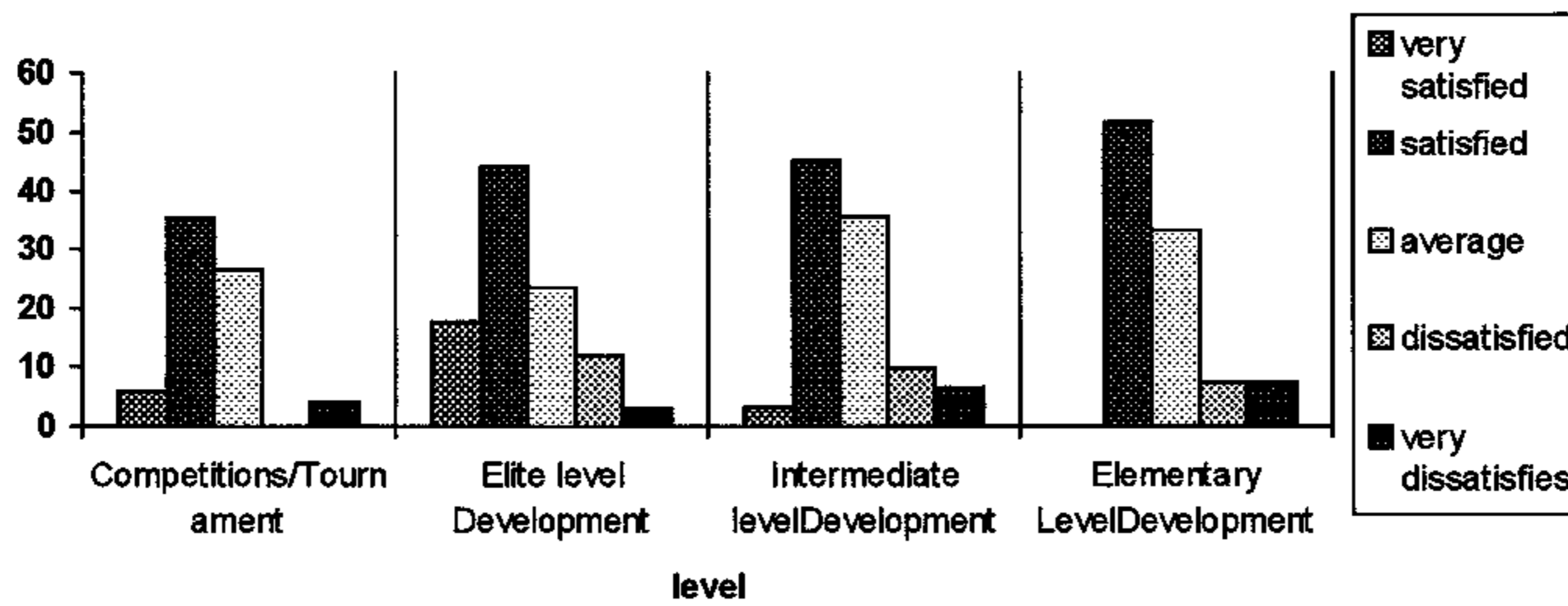
More than one third of facilities for intermediate development level (35.5%) were used up to 20 times and one third (32.3%) were used more than 100 times per year.

More than one third of activities for elementary level development (37.9%) were used more than 100 times and about half (48.2%) were used up to 40 times per year.

Table 1.5: Satisfaction with the facilities used

Level	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
very satisfied	5.9	17.6	3.2	-
satisfied	35.3	44.1	45.2	51.9
average	26.5	23.5	35.5	33.3
dissatisfied	-	11.8	9.7	7.4
very dissatisfies	4.2	2.9	6.5	7.4

Fig. 5: Satisfaction with the facilities used



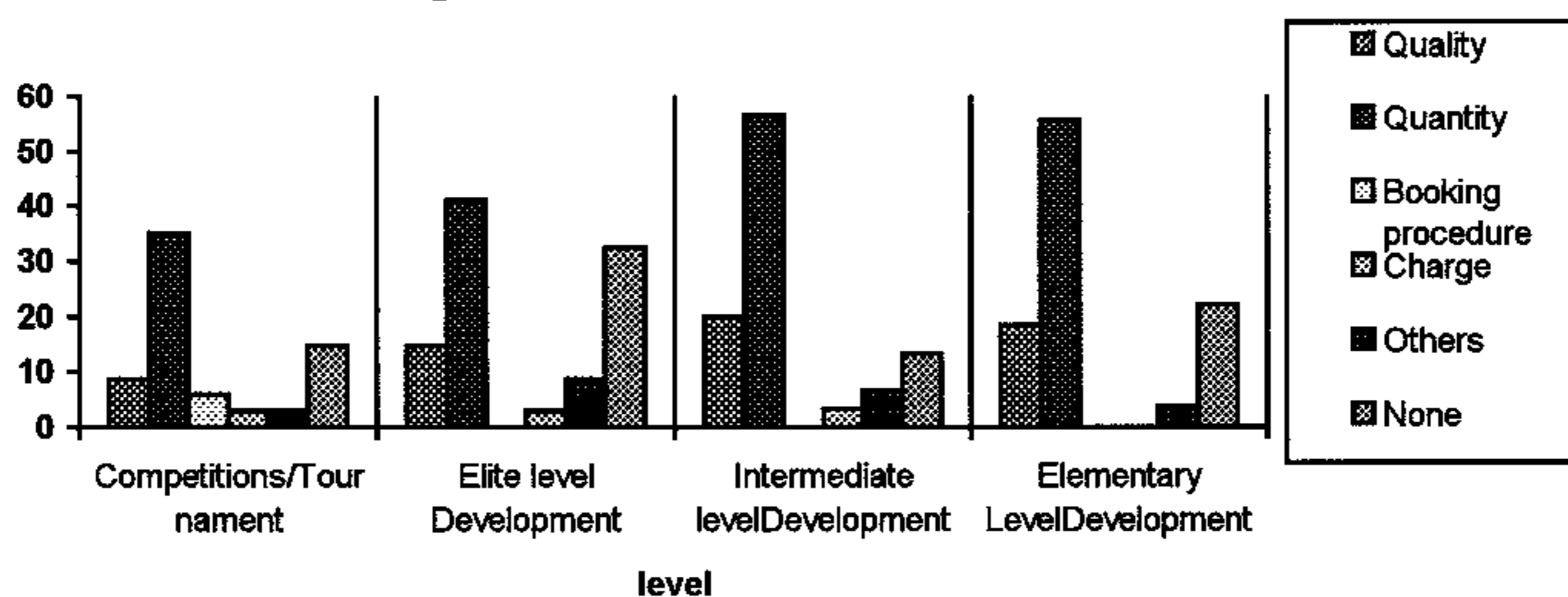
Overall, the NSAs were satisfied with the facilities used for all functions and levels.

Satisfaction level tended to be above average, especially in relation to facilities used for elementary level development.

Table 1.6: Problems related to the facilities used

Problem	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
Quality	8.8	14.7	20.0	18.5
Quantity	35.3	41.2	56.7	55.6
Booking procedure	5.9	-	-	-
Charge	2.9	2.9	3.3	-
Others	2.9	8.8	6.7	3.7
None	14.7	32.4	13.3	22.2

Fig. 6: Problems related to the facilities used



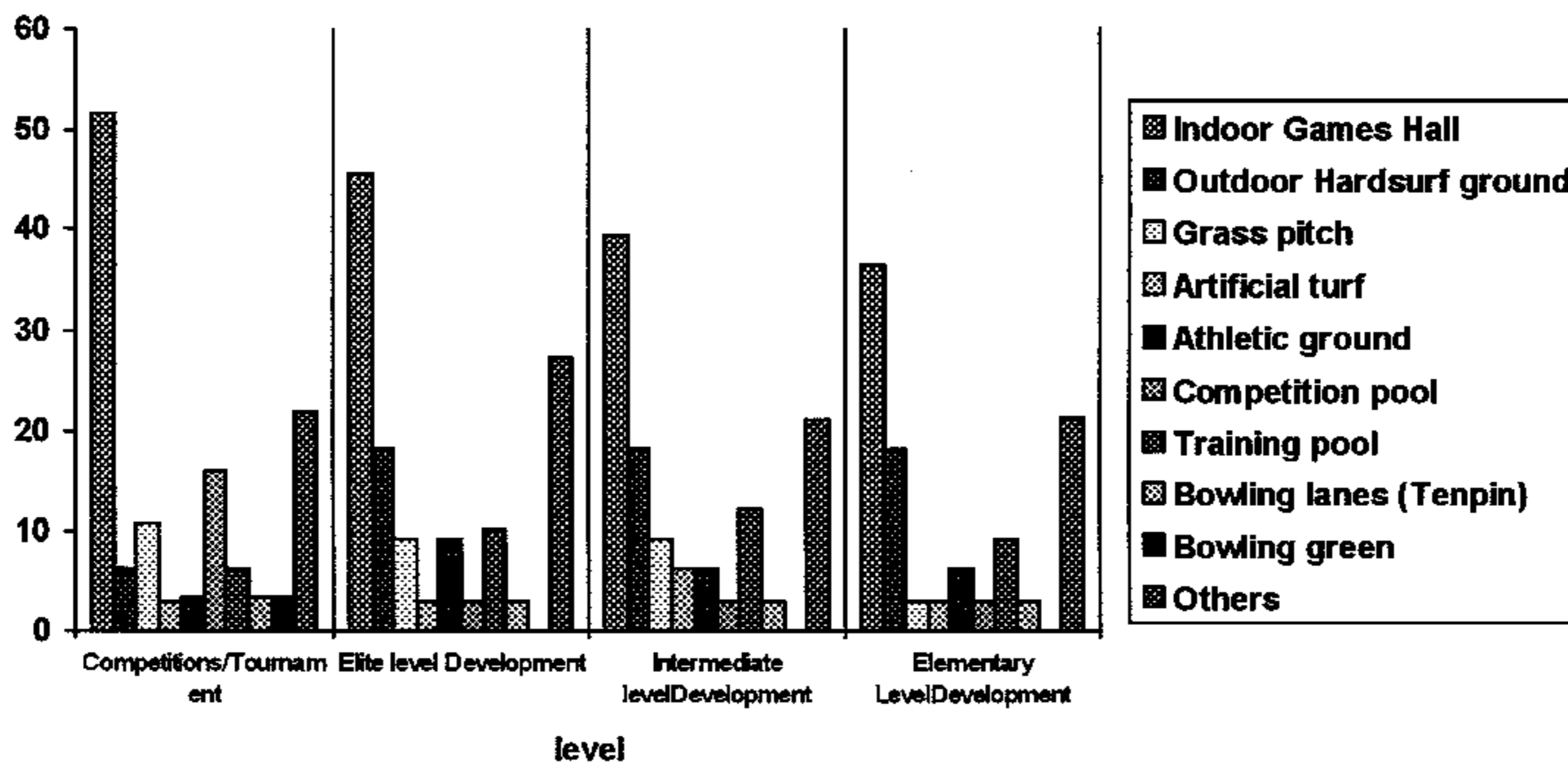
The main problem encountered by the NSAs was the lack of facilities. It was encountered more in relation to facilities used for intermediate and elementary levels of development. Compared with elite level, these two levels also encountered more problems in related to the quality of the facilities. (ref. appendix 1 for specific problems).

2. Demand for facilities

Table 2.1: Types of facilities for future use

Facilities	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
Indoor Games Hall	51.6	45.5	39.4	36.4
Outdoor Hardsurf ground	6.2	18.2	18.2	18.2
Grass pitch	10.7	9.1	9.1	3.0
Artificial turf	3.0	3.0	6.1	3.0
Athletic ground	3.2	9.1	6.1	6.1
Competition pool	15.9	3.0	3.0	3.0
Training pool	6.1	10.1	12.2	9.1
Bowling lanes (Tenpin)	3.2	3.0	3.0	3.0
Bowling green	3.2	-	-	-
Others	22.0	27.3	21.2	21.3

Fig. 7: Types of facilities for future use

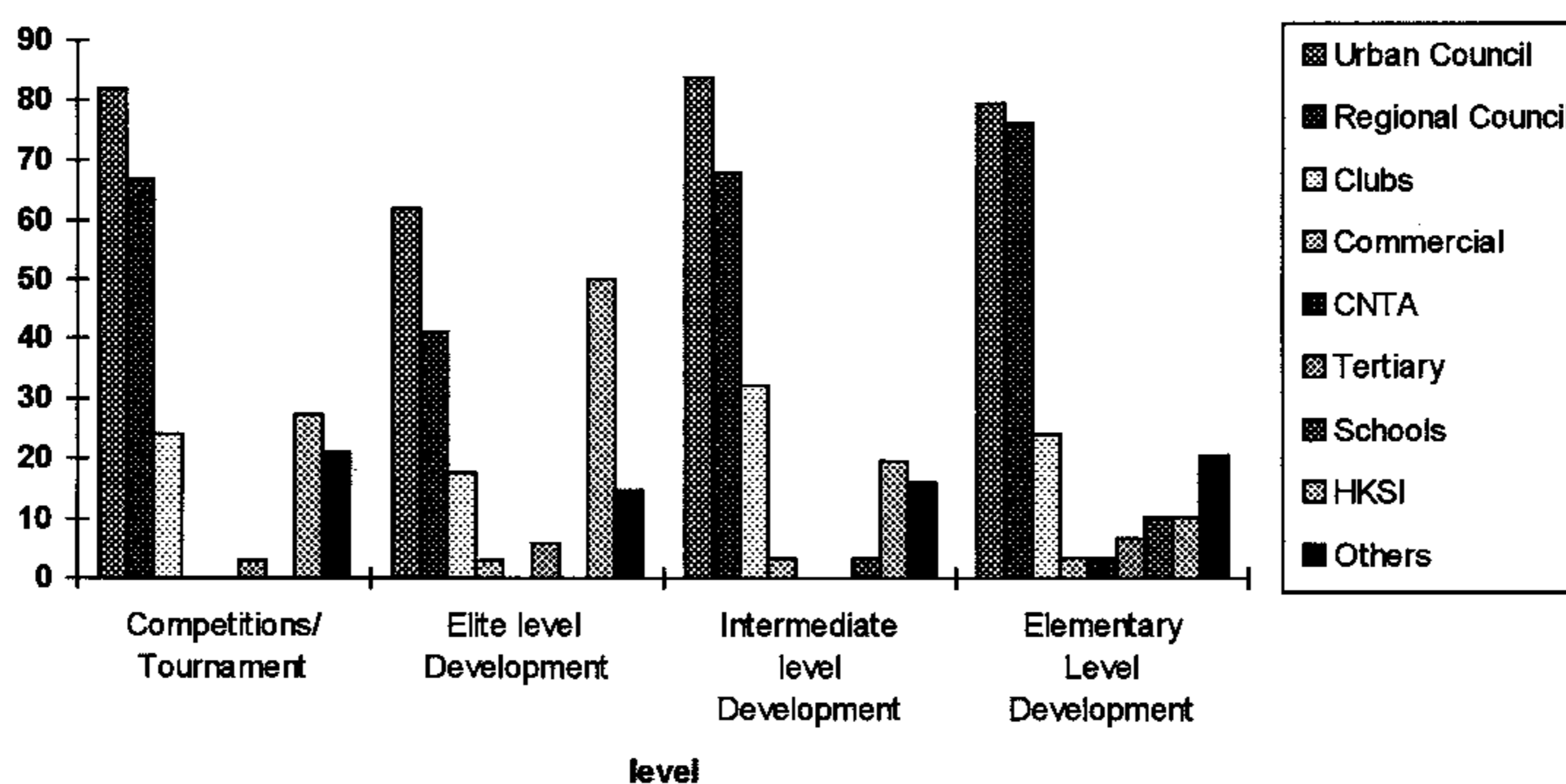


Indoor games hall was the most common facility which the NSAs intend to use for all functions and levels. About one quarter to one third of respondents indicated their intention to use other facilities such as gym room, stadium, fitness room, beach, countryside, town hall, meeting room, rowing center and golf course . (ref. appendix 2 for other facilities). Outdoor hardsurf ground was indicated by about a quarter of respondents as facility which they intended to use especially for elite, intermediate and elementary levels.

Table 2.2 : Providers of facilities for future use

Provider	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
Urban Council	81.8	61.8	83.9	79.3
Regional Council	66.7	41.2	67.7	75.9
Clubs	24.2	17.6	32.3	24.1
Commercial	-	2.9	3.2	3.5
CNTA	-	-	-	3.4
Tertiary	3	5.9	-	6.9
Schools	-	-	3.2	10.3
HKSI	27.3	50.0	19.4	10.3
Others	21.2	14.7	16.1	20.7

Fig. 8: Providers of facilities for future use



Facilities for future use will be provided mainly by urban and regional councils, especially for competitions/ tournaments, and for intermediate and elementary levels of development.

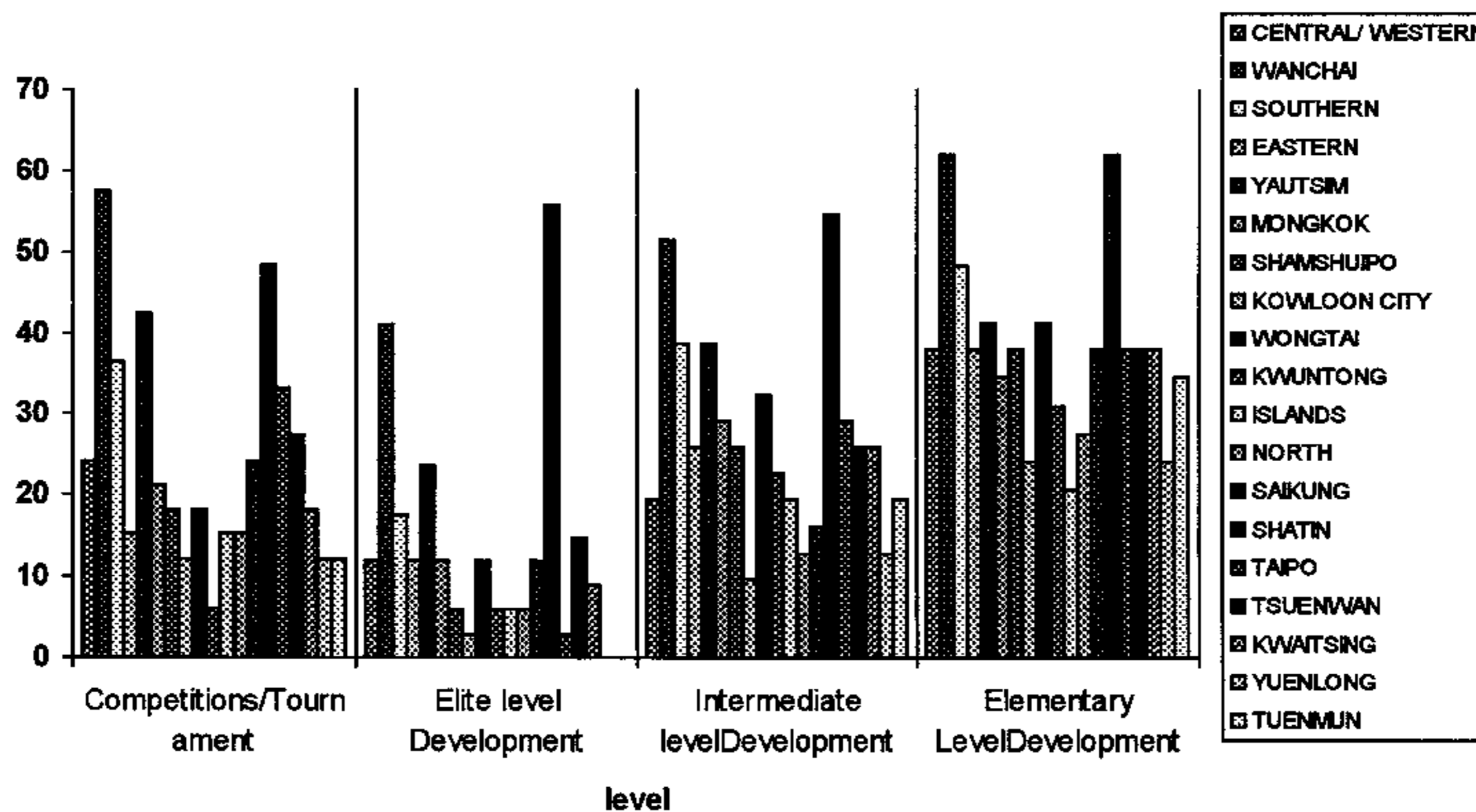
Facilities for future use for elite level will be provided mainly by urban council and Hong Kong Sports Institute (HKSI) and to less extent by the regional council.

Clubs will be the providers for one quarter to one third of facilities for future use for all functions and levels of developments (ref. appendix 2 for other providers for future use of facilities).

Table 2.3 : Location of facilities for future use

District	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
CENTRAL/ WESTERN	24.2	11.8	19.4	37.9
WANCHAI	57.6	41.2	51.6	62.1
SOUTHERN	36.4	17.6	38.7	48.3
EASTERN	15.2	11.8	25.8	37.9
YAUTSIM	42.4	23.5	38.7	41.4
MONGKOK	21.2	11.8	29.0	34.5
SHAMSHUIPO	18.2	5.9	25.8	37.9
KOWLOON CITY	12.1	2.9	9.7	24.1
WONGTAI	18.2	11.8	32.3	41.4
KWUNTONG	6.1	5.9	22.6	31.0
ISLANDS	15.2	5.9	19.4	20.7
NORTH	15.2	5.9	12.9	27.6
SAIKUNG	24.2	11.8	16.1	37.9
SHATIN	48.5	55.9	54.8	62.1
TAIPO	33.3	2.9	29.0	37.9
TSUENWAN	27.3	14.7	25.8	37.9
KWATSING	18.2	8.8	25.8	37.9
YUENLONG	12.1	-	12.9	24.1
TUENMUN	12.1	-	19.4	34.5

Fig. 9: Location of facilities for future use



The most popular districts for facilities for all functions and levels were Wanchai and Shatin. Facilities intended to be used for elementary level were spread more around the territory. Whereas, facilities which were intended to be used for the other functions and levels were mainly located in several districts.

The main districts for each functions and levels were as follows:

Competitions/tournaments - Wanchai, Shatin, Yau Tsim, Southern and Tai Po.

Elite level development - Shatin, Wanchai, Yau Tsim, Southern and Tsuen Wan.

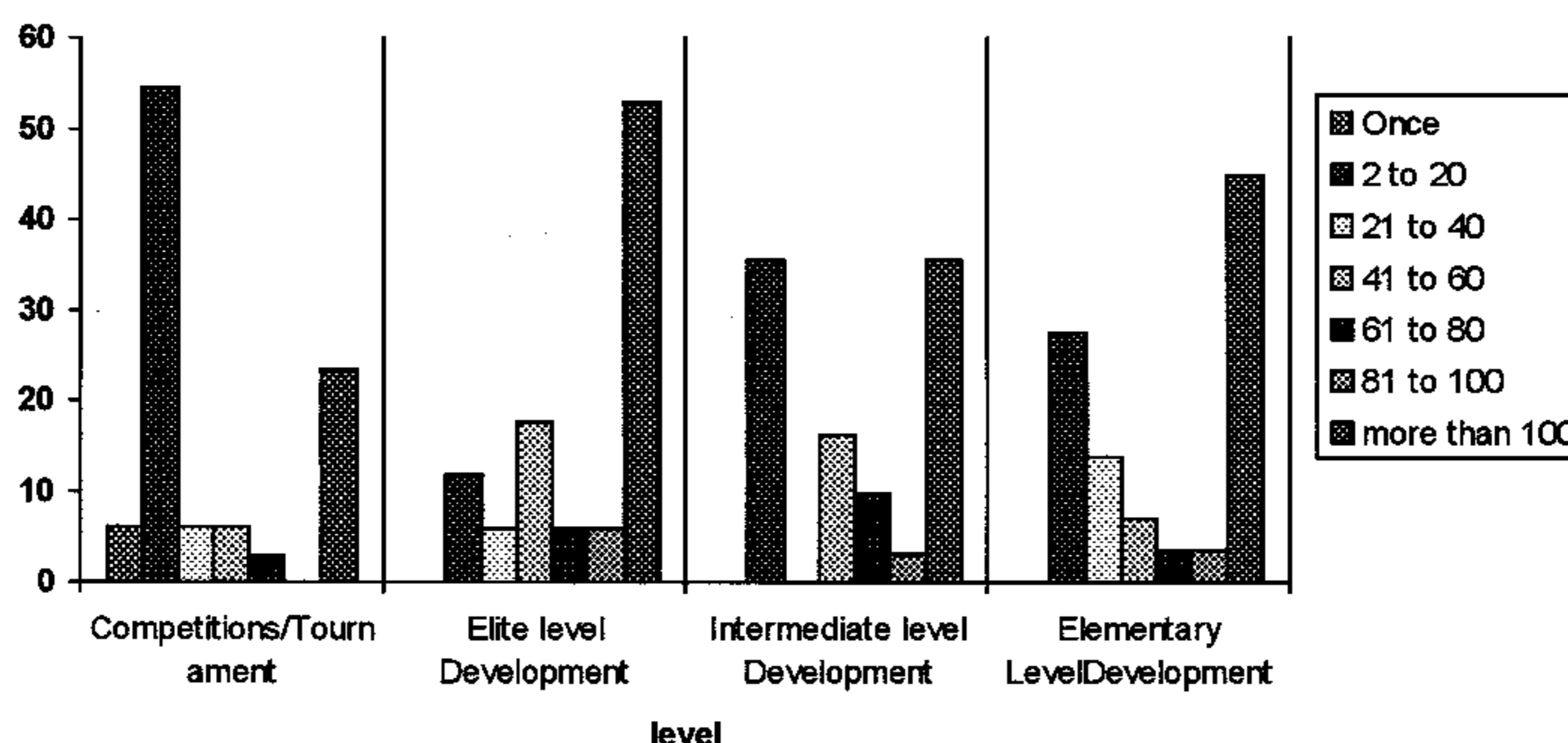
Intermediate level development - Shatin, Wanchai, Yau Tsim, Southern, Eastern, Tsuen Wan and Kwai Tsing.

Elementary level development - Wanchai, Shatin, Southern, Yau Tsim and Wong Tai Sin.

Table 2.4 : Frequency of future use of facilities

Frequency	Competitions/ Tournament	Elite level Development	Intermediate level Development	Elementary Level Development
Once	6.1	-	-	-
2 to 20	54.5	11.8	35.5	27.6
21 to 40	6.1	5.9	-	13.8
41 to 60	6.1	17.6	16.1	6.9
61 to 80	3.0	5.9	9.7	3.4
81 to 100	-	5.9	3.2	3.4
more than 100	23.5	52.9	35.5	44.8

Fig. 10: Frequency of future use of facilities



The frequency of future use was up to 20 times or more than 100 times per year. It also varied across the different functions and levels of development.

About half of the facilities for competitions/tournaments (54.5%) will be used up to 20 times and less than one quarter (23.5%) will be used more than 100 times per year.

About half of the facilities for elite level development (52.9%) will be used more than 100 times and about one third will be used up to 20 times and between 40-60 times per year.

More than one third of the facilities for intermediate level development (35.5%) will be used up to 20 times and one third (35.5%) will be used more than 100 times per year.

CONCLUDING REMARKS

Overall, the results of the survey revealed several similarities between the pattern of use and pattern of demand for sports facilities among the associations. There is tendency to use the same types of facilities which were already used and in a similar frequency. Facilities for future use are located in the same districts and will basically be provided by the same bodies.

A close examination of the results indicated on variations in both utilisation and need of facilities according to function and the level of development.

Whereas the resemblance between the current and the future use provides a good basis for provision of facilities and planning of activities to be undertaken by the associations, it is recalled that a special attention should be given to the differences between the levels within each association.

Importance should also be given to the comments made by the participants with regard to the types and providers of facilities.

The researchers would also like to draw the attention to several comments which were made by the respondents. Representing a range of NSAs, the respondents considered the survey to be a valuable action initiated by the HKSDB and would welcome such kind of research in the future as beneficial to their functions.

The investigators would like to express their gratitude to Jennifer and Ice for the coding and preparation of data. Thanks are also extended to Jenilyn Ledesma for clerical support and assistance in drafting of the final report.

APPENDIX 1

1.1 National Sports Associations participating in the survey:

BDM	HK Badminton Association
ROW	HK Amateur Rowing Association
SQU	HK Squash Racket Association
SWM	HK Amateur Swimming Association
WSF	Windsurfing Association of HK
ARC	HK Archery Association
ATH	HK Amateur Athletic Association
BBL	HK Basketball Association
CAN	HK Canoe Union
CYC	HK Cycling Association
FEN	HK Amateur Fencing Association
GLF	The Golf Association of HK
GYM	HK Amateur Gymnastic Association
HBL	HK Amateur Handball Association
HOC	HK Hockey Association
JDO	HK Judo Association
KRO	HK Amateur Karatedo Association
LBS	HK Lawn Bowls Association
NBL	HK Netball Association
ORG	Orienteering Association of HK
PSS	HK Post Secondary Colleges Athletic Association
RIF	HK Rifle Association
ROS	HK Amateur Roller Skating Association
RUG	HK Rugby Football Union
SAD	HK Sports Association of the Deaf
SAP	HK Sports Association for the Physically Disabled
TAE	HK Taekwondo Association
TBG	HK Ten Pin Bowling Congress
TNS	HK Tennis Association
TRI	HK Triathlon Association
UWR	HK Underwater Association
WUS	HK Wushu Union
YAG	HK Yachting Association
WSK	HK Water Ski Association

1.2 Other facilities used :

BDM Gymnasium room
JDO Stadium
RUG Fitness room
WSF Beach, Fitness centre, Watersport centre
ORG Countryside, Town hall
CAN Gymnasium room
ROS Roller skating rink
WSK Coffee dam High Island Chong Hing Water Sports Centre, Sea
East Coast of Hoi Ha Bay, North Saikung
ATH Roads
YAG Gymnasium
TRI Sea, Road
HBL Meeting room
RIF KWK Shooting Range, Tai Mo Shan Shooting Range
ROW Shatin Rowing Centre, RHKYC-Middle Island
CYC Velodrome

1.3 Other providers of facilities :

RUG Military and Police
ORG Country Park Authority
TBG SCAA
CAN River, Other beach
WSK Regional Council, HKWSA Association Developed Centre
ATH Government
HBL Sports House
BBL HKPA (Hong Kong Playground Association)
ROW Hong Kong Amateur Rowing Association, RHKYC
TAE Community Halls

1.4 Did your Association face any problems in relation to this facility? Others.

SQU Overall satisfactory communication at some of the UC Venues could be better
CAN Competition of usage with other association and schools
HOC Maintenance problems
WSK Restricted use, Access remote
TAE The room allocated is too small
FEN Bureaucratic ground support

APPENDIX 2:

2.1 Other facilities NSAs intend to use

BDM	Gym room
JDO	Stadium
RUG	Fitness room
WSF	Beach, Fitness centre, Watersports centre
ORG	Countryside, Town Hall
CAN	Gym room
ROS	Roller Skating Rink
WSK	Coffer Dam at Chong Hing Water Sports Centre, Hoi Ha Wan
YAG	Gymnasium
TRI	Sea, Road
HBL	Meeting Room
ROW	Shatin Rowing Centre, RHKYC -Middle Island
GLF	Golf Course Driving Range
CYC	Velodrome

2.2 Other provider of the facility

RUG	Military and Police
ORG	Country Park Authority
TBG	SCAA
CAN	River
WSK	Self Developed Centre
ATH	Government
HBL	Sports House
BBL	Hong Kong Playground Association
ROW	Hong Kong Amateur Rowing Association, RHKYC

2.3 Additional Comments

- JDO Well-designed on ventilation system and adequate supply of judo mats are key factors. Availability of venue depends on availability of adequate judomats
- RUG We are about to lose the use of military grounds, we need to use pitches which are exclusively for our use.
We see our problems getting worse-not better. We do not have regular use of, any R.C pitch which styles our growth badly.
- NBL For our sport the member of indoor and outdoor facilities is very limited. Those Halls with Netball markings are restricted in Kowloon and Central which makes development of the sport very difficult when there are no facilities in New Territories.
- SQU Overall squash court facilities in HK are very good. Some venues e.g. R.C. it is difficult because of policy to release enough courts to carry out a screening programme. Early communication with the association is always appreciated
- SAD Improve the quality of air conditioning, grass pitch.
- CAN Reduce the charge for National Sports Association e.g. National Squad Training, provide special offer to clubs.
- WSK Currently restricted to twice a year. We are applying for additional usage for National Squad Training for Asian Tournament.
- SAP Storage facility for equipments and wheelchairs.
- LBS Outdoor bowling green is inaccessible for elementary players.
- BBL Priority booking of indoor games halls should be given to National Squads.
Public stands should be installed in all indoor games hall for competition purpose.
Not enough venues for competitions purpose.
- ROW Additional capacities urgently needed at Shatin. New facilities urgently needed elsewhere..
- GLF Still unable to provide structured intermediate development. Although all clubs have their own busy competition schedule. There are just a chronic shortage of facilities. Club members are becoming more intolerant of Golf Association schemes as it denies them their own facility. All elementary development aimed at juniors.
- CYC Velodrome is too expensive.