

OPPORTUNITY AND DISCRIMINATION
IN
INTERSCHOLASTIC ATHLETICS
IN
MINNESOTA PUBLIC SCHOOL DISTRICTS

A Report
On School-Year
1977-1978

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I. BACKGROUND AND METHODOLOGY

Minnesota Statutes 1975, Chapter 126.21 reads in part:

(126.21) DISCRIMINATION: ATHLETICS: EQUAL OPPORTUNITY. Subdivision 1. Notwithstanding any other state law to the contrary, in athletic programs operated by educational institutions or public services and designed for participants 12 years old or older or in the seventh grade or above, it is not unfair discriminatory practice:

(1) to restrict membership on an athletic team to participants of one sex, if this restriction is necessary to provide members of each sex with an equal opportunity to participate in the athletic program: provided, if a membership restriction on the basis of sex results in the operation of two teams in the same sport which are separated or substantially separated according to sex, the two teams shall be operated in compliance with all the provisions of clause (2) of this subdivision or

(2) to provide two teams in the same sport which are in fact separated or substantially separated according to sex, if the two teams are provided with substantially equal budgets per participant, exclusive of gate receipts and other revenues generated by that sport, and in all other respects are treated in a substantially equal manner. The two teams shall be operated separately only in those activities where separation is necessary to provide the members of each sex equal opportunity to participate in the athletic program. (See Appendix A)

In the summer of 1977 the Minnesota Department of Education collected information from Minnesota public school districts to help determine compliance with the state law per above and with federal laws prohibiting discrimination in athletics. During summer, 1978, that data-collection and reporting procedure was reviewed and a new form was designed to encourage reporting of more complete information (See Appendix B).

Forms were mailed to public school districts, and those returned by September, 1978, were checked for consistency of information. School districts were telephoned if there was any reason to clarify the information which they had provided. Ultimately, usable data was reported by more than 400 public school districts in the state.

The law states equality as, "two teams are provided with substan-

tially equal budgets per participant, exclusive of gate receipts and other revenues generated by that sport, and in all other respects are treated in a substantially equal manner." Within the context of the 1977-1978 Student Athletic Activities Report form, the State Department of Education is examining equality in terms of, (a) number and type of offerings, (b) lengths of seasons, (c) number of participants-per-coach, (d) salaries paid to coaches, (e) athletic budgets and costs-per-participant, Results are reported here in terms of those five dimensions.

Information in this report is organized in categories defined as follows:

Junior High: Information which districts reported on the form entitled, "Junior High Interscholastic Athletic Activities Program Report," regardless of the particular grade levels included.

Senior High: Information which districts reported on the form entitled, "Senior High Interscholastic Athletic Activities Program Report," regardless of the particular grade levels included.

Separate Sports: Activities where both sexes are offered the same sport but separately, e.g. girls' basketball, boys' basketball, etc.

Unitary Sports: Activities where both boys and girls are competitive members of the same athletic team.

One-Sex Sports: Athletic activities which individual districts offer only to one sex, i.e. offered for girls and not for boys or offered for boys and not for girls within the school district program.

Contact Sports: Those sports so designated by HEW regulations on Nondiscrimination on the Basis of Sex published in June, 1975, - basketball, football, ice hockey, wrestling, rugby and boxing.

Non-Contact Sports: All other sports not designated as contact sports per above.

II. RESULTS

More than 400 districts returned the Student Athletic Activities Program Report forms, reporting a total of 7,432 sports programs. Table 1 summarizes the gross figures of offerings, participants, budgets and salaries.

Table 1. Total athletic activity reported by Minnesota school districts.

	Junior High	Senior High	Missing Data	Totals
Number of district sports offerings	2,939	4,489	4 offerings	7,432
Number of participants	116,273	153,006	55 offerings	269,279
Total costs (excluding salaries)	\$1,316,223	\$8,772,308	871 offerings	\$10,088,531
Total salaries	\$3,310,777	\$9,745,273	336 offerings	\$12,056,050

A. Number and Types of Sports

Of the 7,432 sport programs offered to students in the state, 2,920 are for junior high students and 4,457 are for senior high students, with data missing on 55 sports. Tables 2 and 3 describe further distinctions between the sport offerings. Missing data accounts for the occasional differences in totals from one table to the other.

Table 2. Number of sports offered to girls and to boys.

	Junior High		Senior High		Totals +	
	Girls	Boys	Girls	Boys	Girls	Boys
Separately to both girls and boys	363	678	1,380	1,387	2,243	2,265
Unitary: participate on same team	49		54		103	
Offered one sex only	372	758	532	1,104	904	1,368

*Missing Data: 55 sports or .7 of 1% of total sports

These tables show that most of the sports available throughout the state are available to both girls and boys, either as members of teams together, or as members of separate teams divided according to

sex. 1,634 senior high sports, or 37% of the total senior high sports, are available to only one sex. 1,102 or 67% of the total are available

Table 3. Number of programs in each sport offered as separate, unitary, and one-sex only in junior and senior high schools.

	Junior High				Senior High			
	Separate	Unitary	One-Sex		Separate	Unitary	One-Sex	
			Girls	Boys			Girls	Boys
<u>Non-Contact Sports</u>								
Track and Field	249		3	14	348	1	13	14
Swimming	43	2	10		75	2	6	2
Tennis	61	4	14	4	111	2	17	3
Gymnastics	13		30	1	22		114	
Golf	61	14		33	133	15		73
Skiing: Downhill	3	1		1	23	2		
Skiing: XCcountry	3		1		25		2	
Ski Jumping						2		6
Cross-Country	47	9	2	23	122	9	2	50
Baseball/Softball	58	7	4	104	120	11	3	138
Soccer	2	8		6	4	1		13
Volleyball			249				370	
Curling	1				1	1		
Riflery					1			
<u>Contact Sports</u>								
Basketball	337	1	4	27	402			6
Football		1		345		3		392
Hockey		1		9		2		79
Wrestling		1		192		2		276
TOTALS*	878	49	372	756	1,387	53	532	1,102

*Missing Data: 38 sports or .5 of 1% of total sports

only to boys. 1,130 junior high programs or 39% of the total are available to only one sex, 756 or 68% of which are available only to boys. Two contact sports, football and wrestling, are those offered most often to boys-only, whereas volleyball is the most-frequently offered girls-only sport. Basketball is the one contact sport which is frequently available for both girls and boys.

Theoretically, sports which are reported as being offered separately to both sexes should always appear in equal numbers for both sexes. Such is not true in Table 2 where it is stated that junior high separate sports number 863 for girls and 878 for boys, and senior high

separate sports number 1,380 for girls and 1,387 for boys. Some districts reported that there were not enough junior high girls to form their own team for some sports, so those girls joined a senior high team in the same sport. That accounts for some of the discrepancy in the totals as in those cases it is accurate to say that the sport is offered separately to both sexes, even though the district may not be able to list separate for a junior high team.

Table 4 summarizes information on the number of participants in the various types of sports offered by districts. At the junior

Table 4. Number of girl and boy participants in programs offered in junior and senior high schools.

	Jr. Hl Participants		Sr. Hl Participants	
	Girls	Boys	Girls	Boys
Separately to both girls and boys	31,568	34,359	37,539	49,735
Unitary: participate on same team	324	2,548	287	2,165
Offered one sex only	<u>17,260</u>	<u>22,252</u>	<u>16,277</u>	<u>46,307</u>
TOTALS*	46,372	69,359	54,099	98,207

*Missing Data: 55 sports or .7 of 1% of total sports

high level, 2,700 fewer girls than boys participate in separate sports, and at the senior high level that difference expands to more than 12,000. In unitary sports, 7% of the junior high participants and more than 8% of the senior high participants are boys. At both age levels, more than $2\frac{1}{2}$ times as many boys as girls participate in sports available to one sex only.

Tables 5 and 6 list the number of participants for each individual sport. At the junior high level, the greatest differences in numbers of participants for sports offered separately to both sexes are in gymnastics with more than three times as many girl-participants as boy-participants, and in golf with almost two times as many boys as girls participating. By far, the single most popular sport in terms of the number of participants is boys' football, with 20,565

Table 5. Number of JUNIOR HIGH girls and boys participating in sports.

	Separate		Unitary		One-Sex	
	Girls	Boys	Girls	Boys	Girls	Boys
<u>Non-Contact Sports</u>						
Track and Field	9,470	10,217			171	232
Swimming	2,116	1,942	44	45	528	
Tennis	2,171	2,271	78	100	384	50
Gymnastics	1,783	573			3,649	20
Golf	578	1,113	135	456		597
Skiing: Downhill	45	56	13	16		2
Skiing: XCountry	30	37			5	
Ski Jumping						
Cross Country	439	832	63	126	11	267
Baseball/Softball	3,157	3,247	44	351	196	2,383
Soccer	41	94	279	1,134		755
Volleyball					3,918	
Curling	16	16				
Riflery						
<u>Contact Sports</u>						
Basketball	11,742	13,961	20	100	78	611
Football			1	23		20,565
Hockey			136	105		580
Wrestling			6	22		6,390
TOTALS*	31,588	34,359	324	2,528	13,940	32,952

*Missing Data: 55 sports or .7 of 1% of total sports

players. 13,961 boys play separate basketball and 10,217 boys participate in separate track and field. The highest number of junior high girls in any sport is in separate basketball with 11,742 players. Track and field activities are second with 9,470. Volleyball with 3,918 and gymnastics with 3,649 are the most popular girls-only sports.

Junior high unitary sports include near-equal numbers of girls as boys in swimming and downhill skiing. More girls than boys play unitary hockey. All other unitary sports have more boys participating than girls.

Table 6 reports similar figures for senior high students. Boys-only football is by far the most popular sport, with separate track

and field for boys and separate basketball for boys having the next-highest numbers of participants. Girls-only volleyball is even more

Table 6. Number of SENIOR HIGH girls and boys participating in sports.

	Separate		Unitary		One-Sex	
	Girls	Boys	Girls	Boys	Girls	Boys
<u>Non-Contact Sports</u>						
Track and Field	10,579	16,340	28	47	376	170
Swimming	2,378	2,923	17	22	207	47
Tennis	2,371	3,060	21	9	277	43
Gymnastics	1,199	713			3,011	
Golf	1,449	2,444	60	225		1,186
Skiing: Downhill	411	722	44	78		
Skiing: XCcountry	552	685			15	
Ski Jumping			7	23		41
Cross Country	1,287	2,657	51	154	20	751
Baseball/Softball	4,324	5,162	17	209	30	4,920
Soccer	242	684	2	35		1,269
Volleyball					12,184	
Curling	12	15	10	21		
Riflery	7	9				
<u>Contact Sports</u>						
Basketball	11,728	14,021				194
Football			6	88		24,272
Hockey			3	154		3,976
Wrestling			4	50		9,383
TOTALS*	37,539	49,935	270	1,155	16,170	46,752

*Missing Data: 55 sports or .7 of 1% of total sports

popular in numbers among senior high girls than it is for girls of junior high age. Separate basketball and separate track and field include the next-largest numbers of senior high girls.

Boys have greater numbers on all senior high unitary teams with the exception of tennis.

3. Lengths of Seasons

Tables 7 and 8 report the mean number of weeks in junior and senior high seasons for each sport offered separately and offered to one sex only.

Junior high athletic seasons have differences by sex of less

Table 7. Mean number of weeks in season for JUNIOR HIGH sports offered to both girls and boys separately and those offered to one sex only.

	Separate		One-Sex	
	Weeks for Girls	Weeks for Boys	Weeks for Girls	Weeks for Boys
<u>Non-Contact Sports</u>				
Track and Field	10.1	10.0	9.6	10.1
Swimming	10.9	11.4	9.4	
Tennis	8.6	8.6	9.3	7.3
Gymnastics	9.4	9.4	10.4	10.0
Golf	9.7	9.9		9.4
Skiing: Downhill	9.3	9.3		9.0
Skiing: XCcountry	9.0	10.7	14.0	
Cross Country	10.1	10.1	11.0	9.2
Baseball/Softball	9.0	9.3	9.3	9.3
Soccer	9.0	9.0		9.0
Volleyball			9.7	
Curling	13.0	13.3		
Riflery				
<u>Contact Sports</u>				
Basketball	11.5	11.9	13.3	11.9
Football				9.1
Hockey				11.7
Wrestling				12.3
TOTALS*	119.5	122.5	96.5	113.3

*Missing Data: 21 sports or .7 of 1% of total sports

than $\frac{1}{2}$ -week for any single sport with three exceptions. Cross country skiing is offered separately to both sexes with the mean season length for girls being 9.0 weeks and the mean season length for boys being 10.7 weeks. Districts which offer cross country running for girls-only offer seasons averaging 11 weeks, whereas those who offer the same sport for boys-only offer seasons averaging 9.2 weeks. In districts with basketball as a girls-only sport, seasons average 13.3 weeks, whereas districts with basketball as a boys-only sport have seasons averaging 11.9 weeks.

To gain additional perspective on the significance of the differences in lengths-of-seasons in both Tables 7 and 8, it is well to refer also to Table 3 to note the number of districts which offer the various types of activities. There the reader will note that for the sports listed in

the previous paragraph, 3 districts in the state offer junior high cross country skiing as a separate activity for both sexes; 2 districts offer cross country running for girls-only whereas 20 districts offer the same sport for boys-only; and that basketball is offered to girls-only in 4 districts and to boys-only in 27 districts.

In senior high athletic activity described in Table 8, there are five cases of average season-length varying more than $\frac{1}{2}$ -week from one

Table 8. Mean number of weeks in seasons for SENIOR HIGH sports offered to both girls and boys separately and those offered to one sex only.

	Separate		One-Sex	
	Weeks for Girls	Weeks for Boys	Weeks for Girls	Weeks for Boys
<u>Non-Contact Sports</u>				
Track and Field	12.6	12.6	11.3	9.6
Swimming	15.1	15.1	13.8	16.0
Tennis	9.9	10.1	9.1	9.7
Gymnastics	14.9	14.3	14.2	
Golf	12.3	12.3		11.4
Skiing: Downhill	13.7	13.7		
Skiing: XCcountry	13.3	13.4	13.5	
Ski Jumping				14.2
Cross Country	11.4	11.4	9.5	11.1
Baseball/Softball	12.1	11.3	11.3	11.3
Soccer	10.7	12.0	11.9	11.3
Volleyball				
Curling	18.0	13.0		
Riflery	20.0	20.0		
<u>Contact Sports</u>				
Basketball	16.1	16.1		15.0
Football				11.7
Hockey				16.3
Wrestling				15.2
TOTALS*	130.1	176.3	74.0	153.9

*Missing Data: 9 sports or .2 of 1% of total sports

sex to the other. Again noting Table 3, separate soccer is offered for both sexes in 4 districts, with the mean season length being 10.7 weeks for girls and 12.0 weeks for boys. Curling, offered separately in one district, has a mean season length of 18 weeks for girls and of 13 weeks for boys. Girls-only track and field occurs in 18 districts with a mean season length of 11.3 weeks; boys-only track and

field occurs in 14 districts with a mean season length of 9.6 weeks. Swimming is a girls-only activity in 6 districts and has a mean season length of 13.8 weeks, and is a boys-only activity in 2 districts with a mean season length of 16 weeks. Cross-country running has a mean season length of 9.5 weeks in the 2 districts which offer it to girls-only, and has a mean season length of 11.1 weeks in the 50 districts which offer it to boys-only.

Table 9 takes into consideration both the number of districts which offer athletic activities and the lengths of seasons in those districts and reports the total number of weeks of athletic activity which is available to students in the state. At both the junior and senior high levels, sports offered separately to both boys and girls have

Table 9. Total number of weeks athletic activities are offered to girls and boys.

	Separate		One-Sex	
	Girls	Boys	Girls	Boys
<u>Junior High</u>				
Non-Contact Sports	5,174	5,352	3,544	1,695
Contact Sports	3,343	3,979	53	5,356
<u>Senior High</u>				
Non-Contact Sports	12,049	12,144	6,499	3,958
Contact Sports	6,438	6,475	0	10,177

seasons of near-equal length, though in every case the totals are larger for boys than for girls. For junior high students the total number of non-contact sports offered to girls-only provide more than twice as many weeks of activity as the non-contact sports offered to boys-only. There are more than 100 times as many weeks provided for boys-only contact sports as provided for girls-only contact sports.

For senior high students, non-contact sports offered to girls-only provide $1\frac{1}{2}$ times as many weeks of activity as non-contact sports offered to boys-only. No district in the state reports offering

any contact sports to senior high girls-only, whereas 10,000 weeks of contact sport activity is offered only to senior high boys.

C. Participants-per-Coach

Tables 10 and 11 report the numbers of participants-per-coach for both girls' and boys' teams. In junior high athletic activity, the smallest number is 2 participants in the one district which offers downhill skiing to boys-only. The largest number is in soccer where the

Table 10. Mean number of participants-per-coach (PPC) for JUNIOR HIGH sports offered to both boys and girls separately and those offered to one sex only.

	Separate		One-Sex	
	PPC for Girls	PPC for Boys	PPC for Girls	PPC for Boys
<u>Non-Contact Sports</u>				
Track and Field	21.2	21.2	16.7	16.0
Swimming	23.0	21.3	24.4	
Tennis	20.2	20.2	14.3	10.4
Gymnastics	23.3	12.6	21.7	20.0
Golf	8.5	13.7		15.9
Skiing: Downhill	9.7	12.0		2.0
Skiing: XCcountry	6.4	6.5		
Cross Country	3.3	14.0	5.5	10.5
Baseball/Softball	21.6	21.7	15.9	17.5
Soccer	13.7	23.5		28.6
Volleyball			20.0	
Curling	16.0	16.0		
<u>Contact Sports</u>				
Basketball	13.5	17.4	13.3	16.4
Football				20.7
Hockey				23.4
Wrestling				17.5

*PPC = Participant-per-coach

Missing Data: 4 sports or .1 of 1% of total

six districts which offer that sport to boys-only average 28.6 participants-per-coach. The largest differences between the girls' teams and the boys' teams occur in gymnastics where the 13 districts which offer it separately to both sexes average 10.7 more participants-per-coach on girls' teams than on boys' teams and the two districts which offer soccer separately average 9.8 more participants-per-coach on

boys' teams than on girls' teams.

In senior high schools, the smallest number of participants are in the two districts which offer cross country skiing to girls-only

Table 11. Mean number of participants-per-coach (PPC) for SENIOR HIGH sports offered to both girls and boys separately and those offered to one sex only.

	Separate		One-Sex	
	PPC* for Girls	PPC for Boys	PPC for Girls	PPC for Boys
<u>Non-Contact Sports</u>				
Track and Field	16.9	16.3	17.2	10.0
Swimming	14.6	14.7	22.6	17.3
Tennis	16.2	16.3	15.5	14.3
Gymnastics	13.3	12.5	13.3	
Golf	9.6	14.7		14.2
Skiing: Downhill	12.3	20.5		
Skiing: XCcountry	13.7	17.5	7.5	
Ski Jumping				3.6
Cross Country	9.6	19.6	10.0	14.2
Baseball/Softball	13.6	15.4	16.0	17.0
Soccer	24.4	31.0		25.3
Volleyball			16.7	
Curling	12.0	15.0		
Riflery	14.0	18.0		
<u>Contact Sports</u>				
Basketball	13.0	12.9		12.5
Football				16.2
Hockey				15.3
Wrestling				15.3

*PPC = Participants-per-coach

Missing Data: 2 sports or .04 of 1% of total

and average 7.5 participants-per-coach. The largest number is the 31 participants-per-coach average on the boys' teams in the four districts which offer soccer separately to both girls and boys. The greatest difference in the numbers for girls' and boys' coaching averages is in the 122 districts which offer cross country running separately to both girls and boys, with the girls' teams averaging 10 fewer participants-per-coach than the boys' teams.

D. Coaches' Salaries

The 1977-1978 Student Athletic Activities Program Report form requests information on the salaries paid to coaches of each type of athletic activity. Tables 12 and 13 summarize that information for junior and senior high schools. Though those figures may hold some interest, they cannot have comparative meaning in isolation from the amount of participation in each sport by each of the two sexes. Table 14 uses information from tables 12 and 13 and from tables 5 and 6

Table 12. Mean salaries paid to coaches of JUNIOR HIGH sports offered to both girls and boys separately and those offered to one sex only.

	Separate		One-Sex	
	Coaches of Girls	Coaches of Boys	Coaches of Girls	Coaches of Boys
<u>Non-Contact Sports</u>				
Track and Field	\$936.	\$1,000.	\$697.	\$560.
Swimming	1,390.	1,506.	1,284.	
Tennis	946.	947.	682.	461.
Gymnastics	4,194.	3,068.	1,368.	577.
Golf	383.	940.		571.
Skiing: Downhill	205.	205.		
Skiing: XCcountry	137.	211.		
Cross Country	550.	624.	677.	603.
Baseball/Softball	1,637.	1,680.	1,430.	838.
Soccer	2,730.	1,447.		3,331.
Volleyball			1,000.	
Curling	406.	406.		
<u>Contact Sports</u>				
Basketball	1,174.	1,524.	1,113.	574.
Football				1,329.
Hockey				2,623.
Wrestling				1,314.

Missing Data: 292 sports or 10% of total

to arrive at the percentage of the total participation in a sport by girls compared with the percentage of total salaries which go to coaches of girls' sports.

The summary figures of table 14 show that the percentage of girls' participation is slightly higher than the percentage of salaries

Table 13. Mean salaries paid to coaches of SENIOR HIGH sports offered to both girls and boys separately and those offered to one sex only.

	Separate		One-Sex	
	Coaches of Girls	Coaches of Boys	Coaches of Girls	Coaches of Boys
<u>Non-Contact Sports</u>				
Track and Field	1,533.	\$1,783.	\$702.	\$599.
Swimming	3,323.	3,525.	1,688.	1,282.
Tennis	1,369.	1,435.	703.	710.
Gymnastics	4,364.	3,380.	2,005.	
Golf	808.	956.		728.
Skiing: Downhill	1,459.	1,606.		
Skiing: XCountry	1,217.	1,303.	520.	
Ski Jumping				469.
Cross Country	318.	994.	202.	739.
Baseball/Softball	1,913.	2,666.	1,596.	1,236.
Soccer	2,915.	6,512.		4,998.
Volleyball			1,638.	
Curling	406.	406.		
Riflary	200.	200.		
<u>Contact Sports</u>				
Basketball	2,298.	2,316.		2,015.
Football				3,952.
Hockey				4,682.
Wrestling				2,518.

Missing Data: 44 sports or 1% of total

received by coaches of girls' sports except for sports offered separately to both sexes at the senior high level. Missing data is a potentially important factor in all figures regarding coaches' salaries.

Table 14. Total percentages of participation by girls and percentage of coaches' salaries spent on coaching girls in sports offered separately to both girls and boys and sports offered to one sex only.

	Junior High Girls		Senior High Girls	
	% Parti- cipation	% Coaches' Salaries	% Parti- cipation	% Coaches' Salaries
Sports offered separately to both	46%	4%	43%	46%
Sports offered one sex only	30%	26%	26%	22%

Missing data: 336 sports or 5% of total

For junior high coaches, data is missing for 292 sports, or 10% of the total. For senior high coaches, data is missing for 44 sports,

or 1% of the total.

Table 15, which breaks the participation/salaries percentages down by individual sports, shows that the greatest discrepancy is in gymnastics. Drawing information also from table 3, 93 districts offer

Table 15. For individual sports, percentage of participation by girls and percentage of coaches' salaries spent on coaching girls.

	Junior High Girls		Senior High Girls	
	% Parti- cipation	% Coaches' Salaries	% Parti- cipation	% Coaches' Salaries
<u>Non-Contact Sports</u>				
Track and Field	48%	51%	39%	48%
Swimming	58	64	51	51
Tennis	52	54	50	49
Gymnastics	90	60	86	64
Golf	25	26	28	32
Skiing: Downhill	44	50	36	48
Skiing: XCcountry	49	39	45	57
Ski Jumping	0	0	0	0
Cross Country	30	50	28	37
Baseball/Softball	35	55	30	47
Soccer	5	36	11	20
Volleyball	100	100	100	100
Curling	50	50	38	50
Riflery	35	44		100
<u>Contact Sports</u>				
Basketball	45	52	45	32
Football	0	0	0	0
Hockey	0	0	0	0
Wrestling	0	0	0	0

Missing data: 336 sports or 5% of total

gymnastics to junior high girls, and 14 districts offer it to junior high boys. Girls account for 90% of the participation in that junior high sport, and their coaches receive 60% of the salaries. 136 districts offer gymnastics to senior high girls and 22 offer it to senior high boys. Girls account for 86% of the participation in senior high gymnastics and their coaches receive 64% of the salaries.

Other differences of more than 20% in table 15 are junior high cross country running where girls' coaches receive 50% of the salaries compared to 30% of the participants being girls, baseball/softball with girls' coaches receiving 55% of the salaries compared to 35%

of the participants being girls, and girls' soccer coaches receiving 36% of the salaries with only 5% of the participants being girls. Soccer involves only 8 districts throughout the state, so it is possible that those figures are affected by some factor in one or two districts.

E. Athletic Budgets and Costs-Per-Participant

Tables 16 and 17 summarize the information from districts regarding their athletic budgets apart from coaches' salaries. As with

Table 16. Mean cost-per-participant for JUNIOR HIGH athletic activities.

	Separate Sports		Unitary Sports	One-Sex Sports	
	Girls	Boys	Girls & Boys	Girls	Boys
<u>Non-Contact Sports</u>					
Track and Field	\$19.	\$21.		\$11.	\$31.
Swimming	13.	21.	\$3.	11.	
Tennis	17.	21.	2.	14.	16.
Gymnastics	11.	23.		17.	
Golf	46.	27.	21.		20.
Skiing: Downhill	24.	13.	9.		
Skiing: XCcountry	10.	10.			
Ski Jumping					
Cross Country	41.	22.	15.		35.
Baseball/Softball	15.	18.	21.	16.	25.
Soccer	30.	23.	9.		16.
Volleyball				22.	
Curling	33.	33.			
Riflery					
<u>Contact Sports</u>					
Basketball	24.	25.	2.	61.	14.
Football					21.
Hockey			6.		38.
Wrestling					30.
MEAN TOTALS*	\$23.	\$23.	\$15.	\$20	\$24.

*Missing data: 529 sports or 22% of total

the information on coaches' salaries, missing data is potentially a major factor in all of the budget calculations. At the junior high level, data is missing from 629 sports or 22% of the total. At the senior high level, 202 sports or 5% of the total are missing.

Table 17. Mean cost-per-participant for SENIOR HIGH athletic activities.

	Separate Sports		Unitary Sports	One-Sex Sports	
	Girls	Boys	Girls & Boys	Girls	Boys
<u>Non-Contact Sports</u>					
Track and Field	\$52.	\$51	\$39.	\$33.	\$61.
Swimming	71.	71.	58	48.	90.
Tennis	47.	46.	52.	46.	31.
Gymnastics	77.	97.		31.	
Golf	31.	47.	44.		54.
Skiing: Downhill	98.	63.	22.		
Skiing: XCcountry	46.	38.		66.	
Ski Jumping			62.		78.
Cross Country	75.	41.	29.	69.	55.
Baseball/Softball	49.	59.	32.	39.	59.
Soccer	33.	23.	29.		56.
Volleyball				53.	
Curling	77.	62.	31.		
Riflery	30.				
<u>Contact Sports</u>					
Basketball	85.	94.			61.
Football			36.		76.
Hockey			163.		188.
Wrestling			90.		61.
MEAN TOTALS*	\$63.	\$58.	\$53.	\$54.	\$74.

*Missing data: 202 sports or 5% of total

The reader is cautioned to be aware that there are a number of problems in stating budget figures as they are here. The number of districts and participants vary greatly from sport to sport. For example, junior high figures on curling are from a total of one district, whereas the figures about junior high basketball are averages from a total of 337 districts. Also for junior high, figures about boys-only football represent averages involving more than 20,000 participants; boys-only hockey involves 580 participants; and unitary downhill skiing involves 34 participants. A similar wide range of numbers exist at the senior high level.

Other factors of which we cannot always be aware may also affect the figures. For example, hockey figures may well include the costs of renting practice space, whereas costs of construction and maintenance of

practice space for basketball, football and others are not included in the figures if those sports use facilities which are district-owned. The reader, then, should be careful to look at these figures in terms of questions which they raise and not in terms of answers which they give.

Tables 18 and 19 summarize all budget and salary information.

Table 18. Total budgets and coaches' salaries for JUNIOR HIGH athletic activities, according to separate, unitary and one-sex sports.

	Separate Sports		Unitary Sports	One-Sex Sports	
	Girls	Boys	Girls & Boys	Girls	Boys
<u>Non-Contact Sports</u>					
Budgets	\$240,151	\$270,935	\$32,460	\$254,480	\$70,306
Coaches' Salaries	483,013	520,203	68,743	351,353	132,778
<u>Contact Sports</u>					
Budgets	182,502	244,774	1,300	2,225	497,325
Coaches' Salaries	260,440	436,329	10,330	3,740	379,323
TOTALS*	\$1,266,216	\$1,532,701	\$113,333	\$611,399	\$1,580,433

*Missing data: Budgets - 239 sports or 22% of total
Coaches salaries - 292 sports or 10% of total

Table 19. Total budgets and coaches' salaries for SENIOR HIGH athletic activities, according to separate, unitary and one-sex sports.

	Separate Sports		Unitary Sports	One-Sex Sports	
	Girls	Boys	Girls & Boys	Girls	Boys
<u>Non-Contact Sports</u>					
Budgets	\$1,204,367	\$1,450,027	\$40,388	\$304,122	\$432,026
Coaches' Salaries	1,539,070	1,783,491	43,128	376,391	395,532
<u>Contact Sports</u>					
Budgets	854,776	1,128,254	30,275	- 0 -	2,971,611
Coaches' Salaries	914,305	1,132,327	19,804	- 0 -	2,523,329
TOTALS*	\$4,513,018	\$5,494,099	\$134,095	\$1,680,513	\$6,383,398

*Missing data: Budgets - 202 sports or 3% of total
Coaches' salaries - 24 or 1% of total

Again the reader should note the amount of missing data listed at the bottom of each of these tables. Interpretation of these two tables can be particularly difficult as one must maintain a sense of the information from tables 5 and 6 and must consider the reasonableness of smaller costs for fewer participants. Even those comparisons are not easy, however, as in the case of one-sex sports where individual students are not able to choose whether or not to participate in particular sports because, in fact, the districts are not offering them.

III. SUMMARY

Number of Activities: Pages 3-5

Usable data from the 1977-1978 Student Athletic Activities Program Report form show that the more-than-400 districts who completed the forms offer athletic programs in 14 non-contact and 4 contact sports for a total of 7,432 athletic activities. At the junior high level, 878 athletic activities are offered to both girls and boys with separate teams for each sex; 49 activities include both girls and boys on the same teams; 372 activities are provided for girls-only and 756 are provided for boys-only. At the senior high level, 1,387 athletic activities are offered separately to both girls and boys; 53 activities include both sexes on the same teams; 532 activities are offered to girls-only and 1,102 activities are offered to boys-only.

Number of Participants: Pages 5-7

46,372 junior high girls and 69,859 junior high boys participate in athletic activity. Of those, 31,588 girls and 34,359 boys participate in sports offered separately to both sexes; 824 girls and 2,548 boys participate in unitary sports with both boys and girls on the same teams; 13,960 girls and 32,952 boys participate in sports which are open to their own sex only.

Among senior high students, 54,099 girls and 98,907 boys participate in athletic activity. Of those, 37,539 girls and 49,935 boys participate in sports offered separately to both sexes; 287 girls and 2,165 boys participate in unitary sports with both boys and girls on the same teams; 16,273 girls and 46,807 boys participate in sports which are offered to their own sex only.

Lengths of Seasons: Pages 7 - 11

All but three junior high sport activities have mean season lengths which are within $\frac{1}{2}$ -week of being the same for each sex. The three exceptions are seasons longer for boys than for girls in cross country skiing offered separately to both sexes, and seasons longer for girls than for boys in cross country running for one-sex only and in basketball for one-sex only.

Senior highs have five athletic activities with mean season length with differences of more than $\frac{1}{2}$ week when comparing one sex with another. Boys have longer average seasons than girls in soccer offered to both sexes, in swimming for one sex and in cross country running for one sex. Mean seasons are longer for girls than for boys in curling offered separately for both sexes, track and field offered to one-sex only.

Calculating the number of districts offering sport programs times the number of weeks in the seasons of those sports, both boys and girls have near-equal total seasons in both contact and non-contact sports offered separately to both sexes. Junior high girls have twice as many weeks of non-contact sports for one-sex only as do boys. Junior high boys have more than 100 times as many weeks of contact sport for one-sex only as do junior high girls.

Senior high girls have $1\frac{1}{2}$ times as many weeks of non-contact athletic activity for one-sex as do boys. Senior high girls have no contact sports offered for girls-only. Senior high boys have more than 10,000 weeks of contact sport available to boys-only.

Participants-Per-Coach: Pages 11 and 12

Mean numbers of participants per coach range from a low of 2 for junior high boys in downhill skiing for boys-only to a high of 31 for

for boys on soccer teams offered separately to both sexes. The largest differences between girls' teams and boys' teams occur in junior high gymnastics and soccer offered separately to both sexes and in separate senior high cross country running. In all three cases girls have fewer participants-per-coach than boys.

Coaches' Salaries: Pages 13 - 16

Percentages of participation by girls are slightly higher than the percentages of coaches' salaries received by girls' coaches except in sports offered separately to both sexes in senior high. For individual sports, girls' coaches receive a percentage of coaches' salaries smaller than the percentage of participation by girls in both junior and senior high gymnastics. They receive percentages of salaries greater than the percentage of participation in junior high cross country running, junior and senior high baseball/softball and junior high soccer.

Athletic Budgets: Pages 16-18

When combining athletic budgets and coaches' salaries in sports offered separately a total of \$1,266,216. goes to junior high girls and \$1,532,701 goes to junior high boys. For senior high sports offered separately, \$4,513,018 is budgeted for girls, \$5,494,099 is budgeted for boys. In junior high one-sex sports, girls receive \$611,899 and boys receive \$1,580,433. For senior high one-sex sports, girls receive \$1,680,513 and boys receive \$6,383,098.

Budget data is missing for a significant number of sports and is, therefore, a potentially-influential factor.

Conclusion

All figures stated above should be understood by the reader to

have been calculated from the gross figures reported by individual school districts. In many cases, factors which are not known by the reader, may influence the figures in significant ways.

This report is strictly a quantitative statement of the data. Interpretation and mean depends upon additional qualitative information.

Appendix A

CHAPTER 338—H.F.No.69

[Coded]

An act relating to athletics; providing for equal opportunity for members of both sexes to participate in athletics; amending Minnesota Statutes 1974, Chapter 126, by adding a section; repealing Laws 1974, Chapter 355, Section 68, Subdivision 4.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

Section 1. Minnesota Statutes 1974, Chapter 126, is amended by adding a section to read as follows:

[126.21] DISCRIMINATION: ATHLETICS; EQUAL OPPORTUNITY. Subdivision 1. Notwithstanding any other state law to the contrary, in athletic programs operated by educational institutions or public services and designed for participants 12 years old or older or in the seventh grade or above, it is not an unfair discriminatory practice:

(1) to restrict membership on an athletic team to participants of one sex, if this restriction is necessary to provide members of each sex with an equal opportunity to participate in the athletic program; provided, if a membership restriction on the basis of sex results in the operation of two teams in the same sport which are separated or substantially separated according to sex, the two teams shall be operated in compliance with all the provisions of clause (2) of this subdivision, or

(2) to provide two teams in the same sport which are in fact separated or substantially separated according to sex, if the two teams are provided with substantially equal budgets per participant, exclusive of gate receipts and other revenues generated by that sport, and in all other respects are treated in a substantially equal manner. The two teams shall be operated separately only in those activities where separation is necessary to provide the members of each sex equal opportunity to participate in the athletic program.

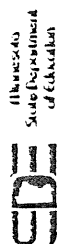
Subd. 2. Any organization, association or league entered into by educational institutions or public services for the purpose of promoting sports or adopting rules and regulations for the conduct of athletic contests between members shall effective July 1, 1976 provide rules and regulations and conduct its activities so as to permit its members to comply fully with subdivision 1 and section 363.03, subdivisions 4 and 5.

Subd. 3. Educational institutions and public services shall make every reasonable effort to provide substantially equal budgets per participant pursuant to subdivision 1 during the school year 1975-1976, and thereafter shall provide substantially equal budgets per participant pursuant to subdivision 1. Educational institutions and public services shall phase out separation based on sex in athletic programs designed for participants 11 years old or younger and in the sixth grade or below during the school years 1975-1976, 1976-1977, and 1977-1978, and thereafter shall comply fully with subdivision 1 and section 363.03, subdivisions 4 and 5.

Sec. 2. Laws 1974, Chapter 355, Section 68, Subdivision 4, is repealed.

Approved June 4, 1975.

UNION HIGH INTERSCHOLASTIC STUDENT ATHLETIC ACTIVITIES PROGRAM REPORT - PART II



READ ACCOMPANYING INSTRUCTIONS, AND COMPLETE THIS REPORT AND RETURN IT TO THE FOLLOWING ADDRESS BY JULY 15, 1964: CAPITAL COLLEGE, 5501 LUDLOW ST., PAUL, MINNESOTA 55101

Name of Person Completing Report _____	Date ____/____/____	Telephone (including area code) ____-____-____
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INTERSCHOLASTIC ATHLETIC ACTIVITY	FALL TERM										WINTER TERM										SPRING TERM									
	PARTICIPATION		COACHES		Total Activity Budget		Total Coach's Salaries		Grades Particip.		PARTICIPATION		COACHES		Total Activity Budget		Total Coach's Salaries		Grades Particip.		PARTICIPATION		COACHES		Total Activity Budget		Total Coach's Salaries		Grades Particip.	
	No. Weeks	Boys	Girls	Male	Female		Male	Female			No. Weeks	Boys	Girls	Male	Female		Male	Female			No. Weeks	Boys	Girls	Male	Female		Male	Female		
Football	20																													
Hockey	21																													
Soccer	22																													
Wrestling	23																													
Ski Jumping	24																													
Baseball	25																													
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 Department of Human Rights Copy (Yellow)
 School District Copy (Green)

I N S T R U C T I O N S

1977-1978 JUNIOR AND SENIOR HIGH INTERSCHOLASTIC STUDENT ATHLETIC ACTIVITIES REPORT

- (1) These reports are to be completed and returned by July 15, 1978. Please retain the district copy and return the remaining two copies to: 633 Capitol Square Building, 550 Cedar Street, St. Paul, 55101.
- (2) Data furnished on these reports should cover the past years program, 1977-1978.
- (3) DO NOT INCLUDE extra curricular activities such as cheerleading, drill teams, etc. on these interscholastic athletic activity report forms.
- (4) On PART I - in the areas designated Boys Athletic Activities or Girls Athletic Activities - provide information only for those activities where both sexes are offered the same sport but separately, e.g. girls basketball, boys basketball; girls tennis, boys tennis, etc.
- (5) On PART I and PART II in columns designated TOTAL ACTIVITY BUDGET only include the total of the following:

equipment costs (5-1230.3)*	custodians (1-610.2)	awards (1-1001)
transportation costs (1-1001)	utilities (1-640)	uniforms (1-1001)
supplies (1-1001)	referees (1-1001)	lodging (1-1001)
insurance (1-1001)	tournament entry fees (1-1001)	

DO NOT INCLUDE any of the following:

gate receipts, gifts, coaches salaries (salaries for coaches are to be included separately under columns E, L, and S on PART I, and columns F, N and V on PART II)

- (6) On PART I and PART II in columns designated GRADES PARTICIPATING indicate those grades that participate in that particular athletic activity; e.g. you may be reporting the Senior High program but your Senior High Interscholastic swimming team is open to grades 8 through 12.
- (7) On PART II in the areas designated UNITARY TEAM ACTIVITIES indicate only those activities where both boys and girls are competitive members of the same interscholastic athletic team.
- (8) On PART II in the areas designated ATHLETIC ACTIVITIES OFFERED SEPARATELY TO GIRLS ONLY, or ATHLETIC ACTIVITIES OFFERED SEPARATELY TO BOYS ONLY, list all interscholastic athletic activity that is offered for girls and not for boys, or for boys and not for girls within the school district program.
- (9) Clarifying comments may be made upon a separate sheet of paper and attached to the State Department of Education copy.

*Manual of Instructions for Uniform Financial Accounting for Minnesota School Districts