

A SURVEY OF THE FOOTBALL PROGRAMS IN SELECTED HIGH SCHOOLS
OF THE PENNSYLVANIA INTERSCHOLASTIC ATHLETIC ASSOCIATION

by

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INTRODUCTION

Pennsylvania scholastic football has been in the national sports limelight for many years. On the collegiate, as well as the professional level many Pennsylvania high school players stand out as leaders in their field. Joe Namath, Lenny Moore, Richie Lucas and Jim Nance are only a few of the outstanding stars that one can recall.

Head line coach Joe McMullin of the Pennsylvania State University said, "Pennsylvania is still one of the most heavily recruited states in collegiate football."¹ However, Mr. McMullin stated that "Pennsylvania football has been caught up to, if not surpassed, because there is no spring practice."²

Head football coach Joe Paterno of the Pennsylvania State University stated, "Not many states have better high school football than Pennsylvania. We have a large number of schools playing football and the players and coaches have great pride in Pennsylvania football."³ Mr. Paterno believes that the climatic condition has helped other states catch up to the level of Pennsylvania football. He said that other states produce comparable players but they are also faster because they can run the whole year. He also mentioned the fact that many good people have

¹Head line coach, Joseph McMullin, of the Pennsylvania State University, in a personal interview, June 1967. Permission to quote secured.

²Ibid.

³Head football coach, Joseph Paterno, of the Pennsylvania State University, in a personal interview, June 1967. Permission to quote secured.

left Pennsylvania because of the economic situation in the hard coal region which produced many good football players. Mr. Paterno also stated "Pennsylvania has lost many young, progressive coaches to other states because of the higher teaching and coaching salaries."⁴

Purpose

The objective of this report was to determine the extent of football programs conducted in selected high schools in Pennsylvania.

The writer is interested in coaching a varsity football team and believes that this report will provide valuable information for this undertaking.

This report may also prove to be valuable to other coaches starting a football program or improving their existing program.

Review of Literature

An investigation of literature in the Pattee and the Department of Physical Education libraries at the Pennsylvania State University was conducted and only one source could be found that was even remotely related to this writer's subject.

Wilbert Renn Bolton wrote a doctoral dissertation on "The Personal, Educational, and Professional Background and Experiences Which Characterize Head Football Coaches in Selected High Schools of Pennsylvania."⁵ Four of thirty-two questions on his questionnaire compared

⁴Ibid., Paterno interview.

⁵Wilbert Renn Bolton, "The Personal, Educational, and Professional Background and Experiences Which Characterize Head Football Coaches in Selected High Schools of Pennsylvania." (Unpublished Doctoral Dissertation, The Pennsylvania State University, State College, Pa., 1956), pp. 30-42.

favorably to this writer's questions.

Method of Study

For this study a survey questionnaire was designed to collect information pertaining to the school, the coach, his training and duties, financial matters, facilities, and miscellaneous questions concerning the programs of high school football in Pennsylvania.

The questionnaire was a three page form and included yes and no questions and a few fill-in answers. By using short check type answers it was not only intended to make it possible for each coach to spend a minimum amount of time in filling out the questionnaire but also to collect a large amount of pertinent data.

A list of all the high schools participating in football in twelve districts was obtained from the Pennsylvania Interscholastic Athletic Association. In each district every fourth school was selected from an alphabetical listing and a questionnaire was mailed to the head coach of each school. For the convenience of each coach, a self-addressed, stamped envelope was included for the return of each questionnaire.

The results of the questionnaire were as follows:

Questionnaires mailed	133
Questionnaires returned	124
Percentage of returns	93

RESULTS AND DISCUSSION

Approximately sixty-five (65) per cent returns were received in reply to the first mailing. One month later a post-card reminder was mailed and an initial amount was increased to approximately eighty (80) per cent. A final letter along with a questionnaire and return, self-addressed envelope was mailed one month later and this resulted in a ninety-three (93) per cent reply. The results were then compiled in table form and presented in the body of the report. The questionnaire and all correspondence is included in the Appendices.

Question 1.

What is the approximate number of boys in the school?

Table 1

NUMBER OF BOYS IN SCHOOL

Number of Male Students	Number of Schools
0-100	2
101-200	16
201-300	22
301-400	21
401-500	15
501-600	13
601-700	7
701-800	6
801-900	8
Over 900	12
No Answer	2

Table 1 shows the approximate September, 1966 male enrollment for the 124 schools reported in this study.

From the data, it was found that 18 schools (15 per cent) had 200 pupils or less. Seventy-one schools (58 per cent) were found to have between 201 and 600 pupils in enrollment. Twelve schools (10 per cent) had an enrollment of 900 or more students. The mean enrollment was 463.61 male students. Two coaches did not answer this question.

Question 2.

What is the approximate number of boys participating in varsity football at the school?

Table 2

NUMBER OF BOYS IN VARSITY FOOTBALL

Number of Players	Number of Schools
0- 25	2
26- 50	57
51- 75	47
76-100	14
101-125	1
Over 125	2
No Answer	1

Table 2 shows the number of boys participating in varsity football. From the data it was found that two schools (2 per cent) had 25 players or less. One hundred and four schools (84 per cent) had between 26 and 75 players on the varsity squad. Two schools (2 per cent) had over 125 players and two schools had a maximum of 25 players, and the mean was 55.07 players. One school did not answer this question.

Staff

Questions in this section of the survey were to determine the extent of the school's football program. Professional training, experience, staff, duties, and programs were presented.

Question 3.

Do you have a physical education major? Minor?

Table 3

PHYSICAL EDUCATION DEGREE

Physical Education Degree	Number of Coaches	Per Cent
Major	57	45
Minor	11	9
No Major or Minor	50	40
No Answer	6	5

The coaches replying to this question reported that 54 per cent or 68 coaches had some form of physical education degrees. Fifty-seven coaches had a major in physical education for 45 per cent; eleven coaches or 9 per cent had a physical education minor, and 50 coaches or 40 per cent had neither a physical education major nor a physical education minor. Six coaches did not reply to this question.

Question 4.

Did you graduate from a college or university in Pennsylvania?

Table 4

UNDERGRADUATE DEGREE OBTAINED IN PENNSYLVANIA

Answer	Number of Coaches	Per Cent
Yes	93	75
No	31	25

Most of the coaches indicated that they graduated from a Pennsylvania institution of higher education with 93 or 75 per cent answering in the affirmative. Thirty-one coaches replied they did not graduate from a Pennsylvania college or university for a percentage of 25.

Question 5.

Do you have a Master's degree? Doctorate?

Table 5

GRADUATE DEGREE IN PHYSICAL EDUCATION

Graduate Degree in Physical Education	Number of Coaches	Per Cent
Master's Degree	55	45
Doctorate Degree	0	0
Neither	54	44
No Answer	15	11

There were 55 coaches who replied that they received a master's degree. This represented 45 per cent of the coaches. No coach had a doctorate degree. Fifty-four coaches or 44 per cent replied that they had received neither a master's or a doctorate degree. Fifteen coaches

did not reply to this question.

Question 6.

Do you teach physical education?

Table 6

TEACHER OF PHYSICAL EDUCATION

Answer	Number of Coaches	Per Cent
Yes	44	35
No	79	64
No Answer	1	1

Forty-four coaches taught physical education which represented 35 per cent of the replies. Sixty-four per cent of the coaches did not teach physical education which represented 79 coaches. One coach did not reply to this question.

Question 7.

Did you play football in high school? College?

Table 7

FOOTBALL PLAYING EXPERIENCE

Playing Experience	Number of Coaches	Per Cent
Played High School and College	114	92
Played only High School	6	4
Played only College	2	2
No College or High School	1	1
No Answer	1	1

Ninety-two per cent or 114 of the coaches had playing experience in high school and college football. Six coaches had played only high school football representing 4 per cent. Two (2 per cent) coaches played only college football; one coach (1 per cent) had no college or high school playing experience. One coach did not reply to the question.

Question 8.

If you played football did you letter in high school? College?

Table 8

LETTERED IN FOOTBALL

Awards in Football	Number of Coaches	Per Cent
Lettered in High School and College Football	106	85
Lettered in High School only	13	10
Lettered in College only	3	3
No Answer	2	2

One hundred-six of the coaches or 85 per cent replied that they had lettered in high school and college football. Thirteen (10 per cent) coaches indicated that they lettered only in high school football; three (3 per cent) coaches lettered only in college football, and 2 coaches did not reply to the question.

Question 9.

Was your football training received in physical education?

Table 9

FOOTBALL TRAINING IN PHYSICAL EDUCATION

Answer	Number of Coaches	Per Cent
Yes	20	16
No	98	79
No Answer	6	5

Ninety-eight (78 per cent) coaches received no football training in physical education while 20 (16 per cent) replied affirmatively. Six coaches did not reply to this question.

Question 10.

How many years have you coached in the secondary schools?

Table 10

COACHING EXPERIENCE IN SECONDARY SCHOOLS

Years Served	Number of Coaches
1 - 5	26
6 - 10	36
11 - 15	29
16 - 20	21
21 - 25	6
26 - 30	5
31 - 35	1

One coach replied that he has coached in the secondary schools for thirty-three years, and two coaches replied that they had coached for

one year. The average number was 11.7 years of coaching experience.

Question 11.

Have you coached junior high school football? Junior varsity football? College football?

Table 11

LEVELS OF COACHING EXPERIENCE

Coaching Positions	Number of Coaches
Junior High	12
Junior Varsity	37
College	16
Junior High and Junior Varsity	17
Junior High, Junior Varsity and College	7
Varsity only	27
No Answer	8

Table 11 indicates that thirty-seven of the coaches had coached junior varsity football. Sixteen had coached college football, and 12 of the coaches had coached junior high school football. Seventeen had coached both junior high and junior varsity football, and 17 had coached junior high, junior varsity, and college football. Twenty-seven had coached only varsity football. Eight of the coaches did not reply to this question.

Question 12.

Are you a head coach in any other sports?

Table 12
HEAD COACH IN OTHER SPORTS

Answer	Number of Coaches	Per Cent
Yes	40	32
No	83	67
No Answer	1	1

Thirty-two per cent (40) of the coaches said they were head coaches in other sports, and 67 per cent (83) indicated that they served only as a head football coach. One coach did not reply to this question.

Question 12a.

If yes, what sports?

Table 12a
HEAD COACHING POSITIONS HELD OTHER THAN FOOTBALL

Head Coaching Positions*	Number of Coaches
Track	16
Baseball	8
Basketball	6
Junior High School Wrestling	4
Golf	3
Volley Ball	2
Wrestling	2
Junior High Basketball	2
Swimming	1
Gymnastics	1

*Some coaches held more than one position.

Of the coaches who held other head positions, it was found that ten other sports were coached besides football. The data indicated that the largest number served as head track coach. Baseball was second with eight coaches and in third place was basketball with six coaches. Swimming and gymnastics had the least number of head coaches in addition to the head football position.

Question 13.

Are you an assistant coach in any other sports?

Table 13

ASSISTANT COACH IN OTHER SPORTS

Answer	Number of Coaches	Per Cent
Yes	23	19
No	101	81

Nineteen per cent (23) of the coaches indicated they were assistant coaches and 81 per cent or 101 coaches stated they were not assistant coaches.

Question 13a.

If yes, what sports?

Table 13a

ASSISTANT COACHING POSITIONS HELD

Assistant Coaching Positions*	Number of Coaches
Basketball	9
Baseball	6
Track	6
Wrestling	1
Junior Varsity Basketball	1
Junior High Track	1
Junior High Basketball	1
No Answer	1

*Some coaches held more than one position.

From the data it was found that the coaches were assistants in seven different sports. The data indicated that the largest number of head football coaches served also as assistant basketball coaches (9). Baseball and track were found to be in second place with six coaches. Wrestling, junior varsity basketball, junior high track, and junior high basketball each had one reply. One coach did not answer this part of the question.

Table 14

IN SERVICE TRAINING

Questions	Yes	Per Cent	No	Per Cent
Have you attended any football clinics during the past year?	119	96	5	4
Were these clinics attended at the school's expense?	107	90	12	10

It was found that 96 per cent (119) of the football coaches attended football clinics the year previous to the writer's questionnaire, and 4 per cent (5) of the coaches did not attend any clinics.

Of the 119 coaches attending clinics ninety per cent (107) stated the clinics were attended at the school's expense and 10 per cent (12) attended at their own expense.

Question 15.

How many games do you play in a season?

Table 15

NUMBER OF VARSITY GAMES

Number of Games	Number of Schools	Per Cent
8	11	9
9	54	44
10	52	41
11	6	5
No Answer	1	1

Nine per cent (11) of the schools played eight games in a season and forty-four per cent (54) played nine games. Forty-one per cent (52) of the schools played ten games, and five per cent (6) played eleven games. One school did not reply to this question.

Question 16.

Do you cut players from your squad at the beginning of the year?

Table 16
CUTTING PLAYERS FROM SQUAD

Answer	Number of Coaches	Per Cent
Yes	21	17
No	102	82
Seniors Only	1	1

The majority of the coaches did not cut players from their squad with 82 per cent (102) reporting on this policy. Seventeen per cent (21) of the coaches cut players from their squad and one coach cut only seniors.

Question 17.

Approximately how long do your individual practice sessions last?

Table 17
LENGTH OF PRACTICE SESSIONS

Amount of Time		Number of Schools	Per Cent
Hours	Minutes		
1	30	21	17
1	45	33	27
2	00	55	45
2	15	6	4
2	30	7	5
2	45	1	1
3	00	1	1

The length of practice sessions ranged from 1 hour and 30 minutes to 3 hours. Fifty-five per cent of the schools indicated that they practiced exactly two hours (2). Second most popular length of practice was 1 hour and 45 minutes with 33 or 27 per cent. Third highest practice time was 1 hour and 30 minutes with 21 or 17 per cent. One of the remaining coaches practiced two hours and 45 minutes and the other one practiced 3 hours.

Question 18.

When the season starts approximately what percentage of your weekly practice time is spent on scrimmaging?

Table 18

WEEKLY SCRIMMAGE TIME

Per Cent of Time	Number of Schools
0	4
1	2
2	1
3	1
5	9
8	3
10	23
13	7
15	12
16	1
18	4
20	23
25	8
30	9
33	6
40	3
45	1
50	3
55	1
60	2
No Answer	1

The weekly amount of scrimmage time ranged from zero to sixty per cent. The average amount of scrimmage time was 18.4 per cent. One school did not answer this question.

Question 19.

Do you have an organized weight training program during the season? During the off-season?

Table 19

WEIGHT TRAINING PROGRAMS

Weight Training Program	Number of Schools	Per Cent
Off-Season	56	45
During Season	2	2
Off-Season and During Season	13	10
No Program	53	43

Fifty-six (45 per cent) of the schools had a weight training program during the off-season. Two (2 per cent) schools had a weight training program during the playing season, and 13 (10 per cent) had a weight training program both during the playing season and in the off-season. Fifty-three (43 per cent) of the schools had no organized weight training program.

Question 20.

Do you have a trainer?

Table 20

TRAINER

Answer	Number of Schools	Per Cent
Yes	31	25
No	93	75

Ninety-three (75 per cent) of the schools did not have a trainer, and only 31 (25 per cent) schools had a separate trainer.

Question 21.

Do you use a daily weight chart? If yes, is it supervised by you, assistant, or the trainer?

Table 21

DAILY WEIGHT CHART

Answer	Number of Schools	Per Cent
Yes	22	18
No	102	82

Table 21a

SUPERVISION OF DAILY WEIGHT CHART

Supervisors of Daily Weight Chart	Number of Schools	Per Cent
Head Coach	8	36
Assistant Coach	4	18
Trainer	4	18
Head Coach and Assistant	3	14
Head Coach and Trainer	1	5
No One	2	9

Twenty-two (18 per cent) schools had a daily weight chart, and 102 (82 per cent) did not.

Table 21a shows that of the 22 schools where a daily weight chart was required, 36 per cent (8) of the head coaches supervised the chart themselves. Eighteen per cent (4) of the coaches delegated this responsibility to the assistant coach; eighteen per cent (4) delegated the responsibility to the trainer. Fourteen per cent (3) of the head coaches replied that he and an assistant shared the responsibility of supervising the daily weight chart. Five per cent (1) indicated that the responsibility for the daily weight chart was shared by himself and the trainer. Nine per cent (2) of the coaches replied that no one was responsible for supervision of the daily weight chart.

Question 22.

Is there a doctor assigned to be present at your varsity home games?

Table 22
DOCTOR AT HOME GAMES

Answer	Number of Schools	Per Cent
Yes	118	95
No	6	5

Table 22 shows that 95 per cent (118) of the schools had a doctor that was assigned to be present at the home varsity contests. Five per cent (6) did not have a doctor present at the home varsity contests.

Question 23.

Does your team attend a football camp?

Table 23

FOOTBALL CAMP

Answer	Number of Schools	Per Cent
Yes	32	26
No	91	73
Not every year	1	1

Table 23 shows how many schools attend football camps. Ninety-one (73 per cent) replied that they did not attend a football camp; 32 (26 per cent) indicated they did attend a camp, and 1 (1 per cent) stated that they attended a football camp but not every year.

Question 24.

How many practice scrimmages do you have with other teams before your regular season begins?

Table 24

PRACTICE GAMES

Number of Practice Games	Number of Schools	Per Cent
0	1	1
1	5	4
2	99	80
3	19	15

One per cent (1) of the schools played no practice games. Four per cent (5) indicated that they played one practice game before regular season began. Eighty per cent (99) of the schools indicated that they played two practice games, and fifteen per cent (19) had three practice games.

Question 25.

Who is responsible for scheduling your football games?

Table 25

SCHEDULING VARSITY GAMES

Responsibility for Scheduling Football Games*	Number of Schools
Athletic Director	98
Coach	26
Principal	15
League	9
School Board	2
Athletic Committee	1
No Answer	1

*Some coaches indicated more than one group or person was responsible for scheduling football games.

Table 25 shows who was responsible for scheduling the schools football games. The data from 98 replies indicated that the athletic director had the scheduling responsibility. The coach was found to be second with 26 performing this responsibility, and in third place was the principal with 15 replies. The fewest number having this responsibility was the league, school board, and athletic committee. One coach did not

reply to this question.

Table 26

USE OF GAME FILMS

Questions	Yes	Per Cent	No	Per Cent	No Answer	Per Cent
Do you film your home games?	118	95	6	5	0	0
Do you film your away games?	94	76	24	22	2	2
Do you grade your football players according to the films?	65	52	55	44	4	4
Do you trade films with your opponents?	51	41	70	56	3	3

Table 26 shows that 118 (95 per cent) of the schools filmed their home games, and 6 (5 per cent) of the schools did not. Ninety-four (76 per cent) schools indicated that they filmed their away games; twenty-four (22 per cent) indicated that they did not, and 2 (2 per cent) schools did not reply to the question.

Fifty-two per cent (65) of the coaches replied that they graded their players according to the films; 44 per cent (55) indicated they did not, and 4 per cent (4) did not reply to the question.

Fifty-one (41 per cent) of the coaches replied that they traded films with their opponents; seventy (56 per cent) indicated they did not, and 3 (3 per cent) did not reply to this question.

Question 29.

Where does the money for the films come from?

Table 27
MONEY FOR FILMS

Source of Revenue for Football Films*	Number of Schools
Budget	82
Booster Club	16
Budget and Booster Club	10
Athletic Association	5
Varsity Club	3
Doctors and Lawyers of the Community	1
No Answer	8

*Some schools reported more than one source of revenue.

Table 27 shows from where the money for the football films originated. The data indicated that most of the money came from the budget (82). The booster club received the second highest number of replies with 16, and a combination of the booster club and budget was third with 10 replies. The athletic associations received five replies; the varsity club three, and the doctors and lawyers of the community received one reply. Eight coaches did not answer the question.

Question 30.

Who selects your football coaching staff? Superintendent? Personnel director? Recommended by you and principal and approved by superintendent? Other?

Table 28
SELECTING COACHING STAFF

Means of Selecting Coaching Staff*	Number of Schools
Recommended by Coach and Principal and approved by Superintendent	62
Superintendent	33
School Board	10
Personnel Director	9
Head Coach	7
Athletic Committee	5
Principal	2
Director of Physical Education Department	1
Recommended by Head Coach and approved by Superintendent	1
Recommended by Head Coach and Principal and approved by School Board	1
No Answer	4

*Some schools had more than one group or person responsible for selecting the staff.

Table 28 shows the group or person who was responsible for selecting the football coaching staff.

From the data it was found that the most common method was the recommendation by the head coach and principal and approval by the superintendent (62). The superintendent was the next most common method with 33, and the school board was in third place with 10 replies. The Director of the Physical Education Department; recommendation by the head coach and principal and approved by the school board, and the recommendation by the head coach and approval by the superintendent received the

fewest number of replies (1). Four coaches did not reply to this question.

Question 31.

Do you charge admission to your games? If yes, how much:
Adult? Student?

Table 29

ADMISSION TO VARSITY GAMES

Is Ad- mission Charged?	Number of Schools	Per Cent	Cost per Admittance	Adult No. of Schools	Student No. of Schools
Yes	123	99	\$ 1.50	2	0
No	0	0	1.25	16	0
No Answer	1	1	1.00	97	2
			.75	7	4
			.60	0	1
			.50	1	0
			.40	0	3
			.35	0	27
			.25	0	13
			No Answer	1	1

Ninety-nine per cent (123) of the schools charged admission to their football games, and one school did not reply to the question.

Fifty cents (\$.50) was the lowest amount charged for adult admittance, while one dollar and fifty cents (\$1.50) was the highest with the average being one dollar and two cents (\$1.02). One school did not reply to the question.

Twenty-five cents (\$.25) was the lowest amount charged for student admittance to football games. The highest amount charged to a

student was one dollar (\$1.00). The average admission for a student was forty-six cents (\$0.46). One school did not reply to the question.

Junior Varsity Program

A series of questions was devised to acquire some general information on the junior varsity program.

Question 32.

Do you have a junior varsity team?

Table 30

JUNIOR VARSITY TEAM

Answer	Number of Schools	Per Cent
Yes	109	88
No	13	10
No Answer	2	2

One hundred and nine (88 per cent) of the schools replied that they had a junior varsity program. Thirteen (10 per cent) of the schools had no junior varsity program, and two (2 per cent) had no reply.

Question 32a.

How many games do they play?

Table 30a
NUMBER OF GAMES

Number of Games	Number of Schools
3	2
4	3
5	12
6	25
7	26
8	25
9	8
10	7
11	1

Of the schools who have a junior varsity program table 30a indicated that most schools played seven games (26). Six games and eight games followed with 25 replies for each. Twelve schools reported that they played five games. Eleven games were played during the season by one school (1).

Question 32b.

Do they use the same formation and plays as the varsity?

Table 30b
SAME FORMATION AND PLAYS AS VARSITY

Answer	Number of Schools	Per Cent
Yes	109	100
No	0	0

Every school (109) that replied to the question has the junior varsity team run the same formation and plays as the varsity.

Question 32c.

Is there a trainer assigned to the team?

Table 30c

ASSIGNED TRAINER

Answer	Number of Schools	Per Cent
Yes	27	25
No	82	75

It was found that twenty-seven (25 per cent) of the junior varsity squads had a trainer and that eighty-two (75 per cent) did not have a trainer.

Question 32d.

Is there a doctor assigned to be present at the home games?

Table 30d

ASSIGNED DOCTOR

Answer	Number of Schools	Per Cent
Yes	48	44
No	61	56

The data on table 30d indicate that forty-four per cent (48) of the schools had a doctor that was assigned to be present at the home junior varsity games. Fifty-six per cent (61) of the schools did not have a doctor assigned to the home junior varsity games.

Question 32e.

Is there admission charged? If yes how much: Adult? Student?

Table 30e

ADMISSION TO JUNIOR VARSITY GAMES

Is Ad- mission Charged?	Number of Schools	Per Cent	Cost per Admittance	<u>Adult</u> No. of Schools	<u>Student</u> No. of Schools
Yes	19	17	\$ 1.00	2	0
No	90	83	.50	10	3
			.35	0	1
			.25	5	8
			.15	0	2
			.10	0	3
			No Answer	2	2

Only 19 (17 per cent) of the schools charged admission to the junior varsity games. Ninety (83 per cent) of the schools charged no admission.

Table 30e indicates that the lowest amount of admission charged for adults is twenty-five cents and the highest was one dollar. The average amount charged was forty-nine cents. Two schools did not reply.

Table 30e also indicates that the highest amount charged for student admission was fifty cents and the lowest charged was ten cents.

The average amount charged was twenty-six cents. Two schools did not reply.

Question 32f.

Do they play any night games?

Table 30f

NIGHT GAMES

Answer	Number of Schools	Per Cent
Yes	34	31
No	75	69

Table 30f shows that 34 or 31 per cent of the schools play night junior varsity games. Seventy-five schools for a percentage of 69 do not play night games.

Question 32g.

Approximate number of players?

Table 30g

NUMBER OF PLAYERS

Number of Players	Number of Schools
11 - 20	15
21 - 30	49
31 - 40	31
41 - 50	9
51 - 60	3
61 - 70	1
71 - 80	0
81 - 90	0
91 - 100	0
101 - 110	0
111 - 120	1

The last question pertaining to the junior varsity squad dealt with the approximate size of the squad. Table 30g shows that most schools (49) had between 21 and 30 players. Thirty-one (31) schools had between 31 and 40 players, and one school had between 111 and 120 players. The mean was 38.34 players.

Junior High School Program

A series of questions was devised to obtain some general information on the junior high school football program.

Question 33.

Do you have a junior high school team?

Table 31
JUNIOR HIGH TEAM

Answer	Number of Schools	Per Cent
Yes	93	75
No	30	24
No Answer	1	1

Ninety-three (75 per cent) of the schools replied that they had a junior high program; thirty (24 per cent) stated they had no program, and one school did not reply to this question. One school replied they had three junior high school teams. Another school stated they had two junior high schools and each school had a team. There was also a school that qualified this question by stating that there were three junior high schools in their district and that the students went to two high schools.

Question 33a.

How many games do they play?

Table 31a

NUMBER OF GAMES

Number of Games	Number of Schools*
3	1
4	6
5	35
6	33
7	11
8	7
No Answer	3

*Some schools indicated that they had more than one junior high school.

Table 31a indicates that five (5) games were played by most schools (35). Thirty-three (33) schools played six games, and eleven (11) schools played seven games. Three (3) games received the fewest amount of replies by the schools. Three (3) coaches did not reply to this question.

Question 33b.

Do they use the same formation and plays as the varsity?

Table 31b

SAME FORMATION AND PLAYS AS VARSITY

Answer	Number of Schools	Per Cent
Yes	77	82
No	16	17
No Answer	1	1

Seventy-seven (82 per cent) schools stated that their junior high team used the same formation and plays. Sixteen (17 per cent) stated their junior high teams did not use the same plays and formation. One (1 per cent) did not answer this question.

Question 33c.

Is there a trainer assigned to the team?

Table 31c

ASSIGNED TRAINER

Answer	Number of Schools	Per Cent
Yes	13	14
No	80	85
No Answer	1	1

Only 14 per cent (13) of the junior high schools had a trainer assigned to the team. Eighty-five per cent (80) of the schools replied that they did not have a trainer, and one per cent (1) did not reply.

Question 33d.

Is there a doctor assigned to be present at the home games?

Table 31d
ASSIGNED DOCTOR

Answer	Number of Schools	Per Cent
Yes	42	45
No	48	51
No Answer	4	4

Table 31d shows that 45 per cent (42) of the schools assigned a doctor to be present at the home junior high school games. Fifty-one per cent (48) of the schools had no doctor assigned to the home games. Four per cent (4) of the schools did not reply to this question.

Question 33e.

Is there admission charged? If yes how much: Adult? Student?

Table 31e
ADMISSION TO JUNIOR HIGH GAMES

Is Ad- mission Charged?	Number of Schools	Per Cent	Cost per Admittance	Adult No. of Schools	Student No. of Schools
Yes	19	20	\$ 1.00	1	0
No	74	79	.50	14	1
No Answer	1	1	.35	0	1
			.25	2	10
			.10	0	3
			No Answer	3	3

Only 20 per cent (19) of the schools charged admission to their junior high school games. Seventy-nine per cent (74) of the schools charged admission, and 1 per cent (1) did not answer this question.

Table 31e shows that the lowest amount of admission charged for adults is twenty-five cents (\$.25), and the highest was one dollar (\$1.00). The average amount charged was fifty cents (\$.50). Three schools did not answer this part of the question.

Table 31e also shows that the highest amount charged for student admission was fifty cents (\$.50), and the lowest charged was ten cents (\$.10). The average amount charged is twenty-three cents (\$.23). Three schools did not reply to this part of the question.

Question 33f.

Do they play any night games?

Table 31f

NIGHT GAMES

Answer	Number of Schools	Per Cent
Yes	20	21
No	73	78
No Answer	1	1

Table 31f indicates that seventy-eight per cent (73) of the junior high schools did not play night football games. Twenty-one per cent (20) played night games, and one per cent (1) of the schools did not reply to the question.

Question 33g.

Approximate number of players?

Table 31g

NUMBER OF PLAYERS

Number of Players	Number of Schools*
11 - 20	2
21 - 30	21
31 - 40	33
41 - 50	19
51 - 60	10
61 - 70	2
71 - 80	4
81 - 90	4
91 - 100	1
101 - 110	1
111 - 120	0
121 - 130	1
131 - 140	1
141 - 150	2
No Answer	2

*Some schools reported more than one team or more than one junior high school.

Table 31g indicates the approximate size of the junior high school football squads. Table 31g shows that most schools (33) had between 31 and 40 players. Twenty-one (21) schools had between 21 and 30 players, and 19 schools had between 41 and 50 players. Two (2) schools had between 141 and 150 players, two schools had between 11 and 20 players. Six of the schools reported more than one team per school or more than one junior high school per system. The mean was 46.39 players. Two schools did not answer this question.

Financial

This section of the questionnaire dealt with various financial matters concerning the football program. Budgets, coaching pay, contracts, and insurance for players were included.

Question 34.

Do you have a set seasonal budget? If yes, what is the approximate amount? If no, how is the budget arrived at?

Table 32

FIXED BUDGET

Answer	Number of Schools	Per Cent
Yes	47	38
No	75	60
No Answer	2	2

Table 32 indicates that 47 (38 per cent) of the schools had a set seasonal budget. Seventy-five (60 per cent) schools did not have a set seasonal budget. Two (2 per cent) of the schools did not answer this question.

Table 32a

AMOUNT OF FIXED BUDGET

Amount	No. of Schools	Amount	No. of Schools
\$35,000	1	\$ 4,000	3
23,000	1	3,600	1
22,000	1	3,500	1
15,000	2	3,000	2
12,500	1	2,500	4
10,000	2	2,000	2
9,000	1	1,700	1
8,000	2	1,500	2
6,500	1	1,400	1
6,000	3	1,000	3
5,500	1	500	1
5,000	1		
4,500	1	No Answer	2

Table 32b

DETERMINATION OF VARIABLE BUDGET

Budget Composer	Number of Schools
Yearly Need	42
Gate Receipts	5
Coach	4
Yearly Expenses	3
School Board	1
Athletic Council	1
Athletic Director	1
Superintendent	1
No Answer	17

Table 32a shows that of the 47 schools that answered yes to question number thirty-four the lowest amount was \$500 and the highest amount was \$35,000. The average amount was \$6,252.50 for the seasonal budget. Two schools did not answer.

Table 32b shows of the 75 schools that answered no to question number thirty-four the majority (42) based their seasonal budget on need for the coming season. Five (5) of the schools indicated that their budget was dependent upon gate receipts, and 4 schools reported the coach as the one who determined the budget. The school board, athletic council, athletic director, and superintendent received the least amount of replies. Seventeen schools did not reply to the question.

Question 35.

Where is the money for your budget derived? Gate receipts?
School board? Other means?

Table 33

SOURCE OF BUDGET MONIES

Source of Budget	Number of Schools	Per Cent
School Board and Gate Receipts	57	46
School Board	35	28
Gate Receipts	26	21
State Budget	1	1
No Answer	5	4

Fifty-seven (46 per cent) of the schools replied that the money for their budget came from both the school board and gate receipts.

Thirty-five (28 per cent) of the schools stated their budget came directly from the school board. Twenty-six (21 per cent) indicated their budget depended upon gate receipts. One school or 1 per cent stated their budget came from the State Government. Five (4 per cent) of the schools did not reply to this question.

Question 36.

Do the gate receipts from football support other sports in your school? If yes, how many?

Table 34

GATE RECEIPTS SUPPORTING OTHER SPORTS

Answer	Number of Schools	Per Cent
Yes	66	53
No	52	42
No Answer	6	5

Table 34a

NUMBER OF SPORTS FOOTBALL SUPPORTS

Number of Sports	Number of Schools
1	2
2	12
3	9
4	8
5	6
6	2
7	1
10	2
11	1
All Sports	6
All Sports but Basketball	2
All Sports but Wrestling	1
No Answer	14

Table 34 shows that in 66 (53 per cent) schools football supports other sports. Fifty-two (42 per cent) replied that football does not support any other sports. Six (5 per cent) schools did not answer this question.

The highest number of sports that was supported by the football budget was eleven (11). The lowest number of sports supported by football was one (1), and the median was three (3). Six (6) schools said that football supported all sports in the school. Two (2) schools replied that football supported all sports but basketball, and one (1) school replied that the football gate receipts supported all sports but wrestling. Fourteen schools did not reply to this question.

Question 37.

Do you receive extra money for your coaching duties?
If yes, approximately how much?

Table 35

EXTRA MONEY FOR HEAD COACH

Answer	Number of Coaches	Per Cent
Yes	123	99
No	0	0
No Answer	1	1

Table 35a

HEAD COACHING SALARIES

Salary	No. of Schools	Salary	No. of Schools
\$ 400	3	\$ 950	1
425	1	1000	16
450	2	1050	1
500	9	1100	3
525	1	1150	1
550	2	1200	5
600	10	1250	1
650	1	1300	4
675	2	1400	1
700	8	1500	8
750	2	1600	1
800	14	1800	2
850	7	1850	1
875	1	2000	1
900	12	2600	1

One hundred and twenty-three (99 per cent) of the coaches replied that they received extra pay, and one (1 per cent) did not reply to this question.

The extra pay for coaching ranged from a low of \$400 to a high of \$2,600. The mean salary was \$914.76. One school did not answer this question.

Question 38.

Do your assistants receive extra pay for coaching?
If yes, approximately how much?

Table 36
EXTRA MONEY FOR ASSISTANTS

Answer	Number of Schools	Per Cent
Yes	121	97
No	0	0
No Answer	3	3

One hundred and twenty-one (97 per cent) schools replied that their assistant coaches receive extra pay, and 3 (3 per cent) schools did not reply to this question.

Table 36a
FIRST ASSISTANT'S SALARY

Salary	Number of Schools
\$ 250 - \$ 300	16
301 - 325	1
326 - 350	6
351 - 375	3
376 - 400	19
401 - 425	11
426 - 450	1
451 - 475	16
476 - 500	3
501 - 525	1
526 - 550	13
551 - 575	1
576 - 600	3
601 - 625	7
626 - 650	5
651 - 675	6
676 - 700	2
701 - 725	1
726 - 750	4
751 - 775	1
776 - 800	1
801 - 825	1
826 - 850	1
851 - 875	1
876 - 900	1
901 - 925	1
926 - 950	1
951 - 1200	1

Table 36b

SECOND ASSISTANT'S SALARY

Salary	Number of Schools
\$125 - \$150	1
226 - 250	6
276 - 300	14
326 - 350	11
351 - 375	2
376 - 400	21
426 - 450	5
451 - 475	2
476 - 500	15
526 - 550	3
576 - 600	13
601 - 625	1
626 - 650	4
676 - 700	5
726 - 750	5
776 - 800	4
826 - 850	1

Table 36c

THIRD ASSISTANT'S SALARY

Salary	Number of Schools
\$176 - \$200	2
226 - 250	9
276 - 300	6
301 - 325	1
326 - 350	7
351 - 375	1
376 - 400	13
426 - 450	6
451 - 475	1
476 - 500	15
526 - 550	1
576 - 600	12
601 - 625	1
626 - 650	3
676 - 700	4
726 - 750	3
776 - 800	1

Table 36d

FOURTH ASSISTANT'S SALARY

Salary	Number of Schools
\$151 - \$175	1
176 - 200	4
226 - 250	2
276 - 300	5
326 - 350	3
351 - 375	1
376 - 400	8
426 - 450	3
451 - 475	1
476 - 500	7
526 - 550	1
576 - 600	5
601 - 625	1
626 - 650	2
676 - 700	3
726 - 750	3

Table 36e

FIFTH ASSISTANT'S SALARY

Salary	Number of Schools
\$176 - \$200	3
226 - 250	1
276 - 300	5
326 - 350	2
376 - 400	5
451 - 475	1
476 - 500	4
576 - 600	1
676 - 700	2
726 - 750	2

Table 36a, page 44, shows that of the 121 schools that had one assistant, the salary ranged from a low of \$250 to a high of \$1200, with a mean of \$533.14.

Table 36b, page 45, shows the second assistant's salary ranged from a low of \$150 to a high of \$850. The mean salary was \$473.41.

Table 36c, page 45, shows the third assistant's salary ranged from \$200 to a high of \$800. The mean salary was \$460.81.

Table 36d, page 46, shows the fourth assistant's salary ranged from a low of \$175 to a high of \$750. The mean salary was \$454.60.

Table 36e, page 46, shows the fifth assistant's salary ranged from a low of \$200 to a high of \$750. The mean salary was \$423.27.

Question 39.

Does your trainer receive extra pay for training duties?
If yes, approximately how much?

Table 37

TRAINER'S SALARIES

Salary	Number of Schools
\$ 0	12
200	2
250	2
300	3
350	1
400	3
500	2
600	2
700	1
800	2
1000	1
No Answer	1

Table 20, page 19, shows that 31 (25 per cent) of the schools had a trainer. Table 37 shows that twelve of the schools reported no additional payment for being a trainer. The additional salary range for

the trainer was from a low of \$200 to a high of \$1,000, with an average of \$465.78. The school that replied the trainer received \$1,000, qualified their answer by stating that he was the trainer for all sports. One school did not reply to this question.

Question 40.

Do you receive a separate contract for coaching football?

Table 38

SEPARATE COACHING CONTRACT

Coaching Contract	Number of Schools	Per Cent
Yes	93	75
No	29	23
Verbal Contract	1	1
No Answer	1	1

Ninety-three (75 per cent) of the coaches received a separate contract. One (1 per cent) of the coaches reported that he received a verbal contract for coaching football. One (1 per cent) school did not answer the question.

Question 41.

Is your coaching salary included in your teaching contract?

Table 39

COACHING SALARY INCLUDED IN TEACHING CONTRACT

Answer	Number of Schools	Per Cent
Yes	14	11
No	106	85
No Answer	4	4

Eleven per cent (14) of the coaches reported that their football salary was included in their teaching contract. Eighty-five per cent (106) of the coaches reported that it was not included in their teaching contract. Four per cent (4) did not answer the question.

Question 42.

Who pays for the insurance on your players?

Table 40

INSURANCE ON PLAYERS

Purchaser of Insurance	Number of Schools	Per Cent
School	82	66
Players	7	6
School and Players	31	25
No Answer	4	3

Eighty-two (66 per cent) schools replied that the school buys insurance for the players. Seven (6 per cent) schools reported that the players were responsible for buying insurance. Thirty-one (25 per cent) stated that the school and players shared the cost of insurance. Four

(3 per cent) schools did not answer the question.

Question 43.

Who buys the mouth guards?

Table 41

MOUTH GUARDS

Purchaser of Mouth Guards	Number of Schools	Per Cent
School	108	88
Players	8	6
School and Players	5	4
Local Dentist	1	1
No Answer	1	1

Eighty-eight per cent (108) of the schools reported that they purchased mouth guards for their players. Six per cent (8) reported that the players bought their own mouth guards. Four per cent (5) stated that players and school shared the cost of mouth guards. One per cent (1) stated that a local dentist donated the first mouth guard. One per cent (1) of the schools did not reply to the question.

Question 44.

Does the school furnish football shoes?

Table 42
FOOTBALL SHOES

Answer	Number of Schools	Per Cent
Yes	118	95
No	5	4
No Answer	1	1

Ninety-five per cent (118) of the schools reported that they furnished football shoes for the players. Only four per cent (5) reported that football shoes were not furnished. One per cent (1) did not reply to this question.

Question 45.

Approximately how much money do you spend for the following items: New equipment? Equipment repairs?

Table 43
EXPENDITURES ON NEW EQUIPMENT AND EQUIPMENT REPAIRS

Expenditures on New Equipment	No. of Schools	Expenditures on Equipment Repairs	No. of Schools
No Limit	2	No Limit	2
\$10,001 - \$11,000	1	\$4,501 - \$5,000	1
9,001 - 10,000	1	4,001 - 4,500	2
8,001 - 9,000	1	3,501 - 4,000	1
7,001 - 8,000	0	3,001 - 3,500	2
6,001 - 7,000	0	2,501 - 3,000	2
5,001 - 6,000	0	2,001 - 2,500	2
4,001 - 5,000	6	1,501 - 2,000	11
3,001 - 4,000	6	1,001 - 1,500	21
2,001 - 3,000	28	501 - 1,000	34
1,001 - 2,000	42	0 - 500	33
0 - 1,000	25	No Answer	13
No Answer	12		

The amount of money spent on new equipment ranged from \$200 to \$11,000. The average was \$2,018.68. Two (2) schools indicated that there was no limit to the amount of money they spent on new equipment. Twelve (12) schools did not reply to this part of the question.

The amount of money spent on equipment repairs ranged from zero to \$5,000. The average was \$1,034.90. Two (2) schools indicated that there was no limit to the amount of money they spent on equipment repairs. Thirteen (13) schools did not reply to this part of the question.

Facilities

In this section of the questionnaire, a few questions were asked about the facilities of the various schools.

Question 46.

Do you have a separate football practice field?

Table 44

PRACTICE FIELD

Answer	Number of Schools	Per Cent
Yes	98	79
No	25	20
Shares Field	1	1

Ninety-eight (79 per cent) schools replied that they had a separate practice field, and 25 (20 per cent) had no practice field. One school (1 per cent) shared the field with another team.

Question 47.

Does your playing field have lights?

Table 45

LIGHTS ON PLAYING FIELD

Answer	Number of Schools	Per Cent
Yes	69	56
No	54	43
No Answer	1	1

Sixty-nine or 56 per cent of the schools replied that their playing field had lights, while 54 or 43 per cent had no field lights. One school did not reply to this question.

Question 48.

How many seven-man sleds do you have? Two man sleds?
Stand-up dummies? Push dummies?

Table 46

NUMBER OF SEVEN AND TWO-MAN SLEDS

Number of Sleds	<u>Seven-Man Sleds</u>	<u>Two-Man Sleds</u>
	Number of Schools	Number of Schools
0	24	7
1	81	70
2	14	33
3	0	10
4	0	0
5	0	1
6	5	2
No Answer	5	2

Table 46a

NUMBER OF STAND-UP AND PUSH DUMMIES

No. of Dummies	<u>Stand-up Type Dummies</u>	<u>Push-type Dummies</u>
	No. of Schools	No. of Schools
0	2	5
1	0	1
2	3	2
3	1	2
4	6	12
5	11	7
6	11	13
7	11	8
8	10	5
9	7	6
10	9	6
11	7	6
12	16	12
13	1	1
14	6	4
15	7	7
16	1	0
17	0	0
18	1	1
19	0	0
20	2	2
21	1	0
22	3	0
23	0	0
24	1	1
25	2	3
No Answer	5	20

Twenty-four (24) schools indicated that no seven-man sleds were available. Eighty-one (81) schools had one seven-man sled, and fourteen (14) stated they had two seven-man sleds. Five schools did not answer this question.

Seventy (70) of the schools had one two-man sled, one school had 5 two-man sleds, and one had 6 two-man sleds. Two schools did not answer this question.

The highest number of stand-up dummies that a school possessed was 25, and the lowest was zero. The average was 9.8 stand-up dummies, with four schools not answering the question.

The highest number of push dummies a school had was 25, and the lowest was zero. The average number of push dummies was 8.9, with 20 schools not answering this part of the question.

Question 49.

Do you have a Smitty's blaster?

Table 47

SMITTY'S BLASTER

Answer	Number of Schools	Per Cent
Yes	8	6
No	114	92
No Answer	2	2

One hundred and fourteen (92 per cent) schools did not have a Smitty's Blaster, and only 8 (6 per cent) reported that they had this piece of contact equipment. Two (2 per cent) did not answer this question.

Question 50.

Do you have a drying room for your equipment?

Table 48

DRYING ROOM

Answer	Number of Schools	Per Cent
Yes	72	58
No	51	41
No Answer	1	1

Forty-one per cent (51) of the schools indicated that they had no drying room, and 58 per cent (72) stated that they had a drying room. One per cent (1) did not reply to this question.

Question 51.

Check the practice equipment that the school supplies?
Socks, towels, supporters, t-shirts, sweatshirts.

Table 49

PRACTICE EQUIPMENT

Equipment Supplied*	Number of Schools
Socks	88
Towels	5
Sweatshirts	88
T-Shirts	59
Supporters	86
No Equipment Supplied	6
No Answer	8

*Many schools supplied more than one piece of equipment.

Table 49 shows that 88 schools supplied socks and sweatshirts. Athletic supporters was second largest number of practice equipment

supplied with 86 replies, and T-shirts was third with 59 replies. Towels furnished received the fewest amount of replies. Eight (8) schools failed to answer this question.

Question 52.

Does the school launder the above practice equipment?

Table 50

LAUNDERING OF PRACTICE EQUIPMENT

Answer	Number of Schools	Per Cent
Yes	30	24
No	92	74
No Answer	2	2

Thirty (24 per cent) of the schools laundered all the furnished equipment as shown in table 49. Ninety-two (74 per cent) did not launder practice equipment, and 2 (2 per cent) did not answer this question.

Question 53.

What other fall sports are offered at your school? Cross-country, soccer, lacrosse, other.

Table 51

FALL SPORTS

Sports*	Number of Schools
Cross-country	53
Soccer	19
Swimming	2
Lacrosse	1
No Fall Sports Offered	24
No Answer	43

*Some schools offered more than one fall sport.

From the data it was found that the schools had four different fall sports other than football. The data indicates that cross-country was offered by the most number of schools with 53 replies. Soccer was second with 19. Swimming with 2 replies and lacrosse with one were offered by the least number of schools. Twenty-four (24) schools did not offer any fall sports other than football, and 43 coaches left this question blank.

Problems in High School Football

The coaches were asked what was their biggest problem in high school football. Many of the coaches listed more than one problem; however, from the data it was found the coaches listed fifty-eight problems. The writer classified the problems under seven main headings, with all related items and their frequencies shown. The frequency of items mentioned by the coaches totaled 211.

The items related to football players lead the list under these seven classifications. The coaches listed eighteen different problems.

The number of times these problems were mentioned ranged from one up to 23 times. Lack of participants lead the list of problems being mentioned by 23 coaches. This was followed by problems in transportation with nine coaches indicating this problem. Jobs, cars, and girl interference with player participation and the problem of creating desire and esprit de corps among players closely followed with each being mentioned by seven coaches. All others were mentioned fewer than five times.

The other six classified problems facing the coaches were as follows: (1) items related to the football program, (2) items related to the coaching staff, (3) items related to the parents and townspeople, (4) items related to the facilities, (5) items related to the school administration, and (6) items related to the students of the schools.

The frequency of items listed in the above classifications was 139. The number of frequencies mentioned under each classification ranged from a low of one to a high of ten times.

For specific information concerning the problems as mentioned by the high school coaches in Pennsylvania, a composite listing for each problem is given in the Appendices.

Additional Comments

A section of the questionnaire was devoted to space where the coach could write any additional comments. Most coaches did not reply to this section, however, those that did will be summarized in the following four paragraphs.

Two coaches felt that the questionnaire was missing some significant questions which were as follows:

1. What is the teaching load of the coaches?

2. Do you teach in a separate junior high school and coach varsity football?
3. Do you officiate any sports?
4. Should football coaches be certified Pennsylvania Interscholastic Athletic Association officials?

One coach felt that Pennsylvania should not have two organizations governing sports, namely the Western Pennsylvania Interscholastic Athletic League. This coach also felt that the Big 33 game should be coached by high school personnel and that the players should be picked from films and not politics.

Another coach felt that the face bar should be eliminated. He believes it has increased neck injuries when it was originally intended to reduce oral injuries. He believed that the mouth guard reduces oral injuries adequately.

One coach felt that high school football in the state of Pennsylvania has improved three-fold within the last fifteen years, and that it is clearly superior to the surrounding areas in New Jersey.

No Trainer or Doctor Present at Home Games

The questions that pertained to the trainer and doctor on the varsity, junior varsity, and junior high school level were cross-checked.

Table 52

NO TRAINER OR DOCTOR

Levels	Number of Schools	Per Cent
Varsity Level	4	3
Junior Varsity Level	47	43
Junior High Level	40	43

The data on table 52 shows that 4 (3 per cent) of the schools on the varsity level do not have a trainer or doctor present at their home games. Forty-seven (43 per cent) schools that had junior varsity teams reported that they had no trainer or doctor present at their home games. On the junior high school level, forty (43 per cent) schools did not have a trainer or doctor present at their home games.

SUMMARY AND CONCLUSIONS

There were 133 questionnaires mailed to selected schools in the Pennsylvania Interscholastic Athletic Association. One hundred and twenty-four schools replied to the questionnaire concerned with the football programs.

The mean enrollment of the boys in the schools was 463.61, and the average size of the football squads was 55.07 players.

The majority of the coaches graduated from a college or university in Pennsylvania, and played football in high school and college. The average number of years coaching experience was 11.7, and most of the coaches had taught junior high or junior varsity football before attaining the varsity position.

The majority of coaches are not head or assistant coaches in any other sports but football. Ninety-six of the coaches attended football clinics during the 1966 season.

One hundred and two schools do not cut players from their squad. The practice sessions for the majority of schools were from 1 hour and 45 minutes to 2 hours in length with between 10 and 20 per cent of the weekly practice sessions being spent on scrimmaging.

The majority of schools did not have a trainer, however, a doctor is assigned to be present at home games as reported by most schools.

Ninety-eight schools reported that the athletic director was responsible for scheduling the football games. Most of the coaches reported that they could recommend who was to be on their coaching staff but that the final approval came from the school administration.

The majority of the schools filmed their football games; however, a large percentage (44 per cent) of the coaches did not take full advantage of these films by grading their players.

A junior varsity team existed in 109 schools and all of them used the same plays and formations as the varsity. Seventy-five per cent of the junior varsity teams had no trainer and 56 per cent did not assign a doctor to be present at their home games. Most of the teams play between 6 and 9 games with a mean of 38.34 players per squad.

A junior high school team was reported by 93 schools with some school districts having more than one team or one junior high school. Eighty-two per cent of the schools used the same plays and formations as the varsity team. Eighty-five per cent of the junior high school teams had no trainer and 51 per cent did not assign a doctor to be present at their home games. Most of the teams played between 5 and 7 games with a mean of 46.39 players per team.

Most of the schools replied that their budget was based on need for the coming year, and that the money for the budget came from gate receipts and the school board.

The average amount of money spent on new equipment was \$2,018.68. Two (2) schools indicated that there was no limit to the amount of money they spent on new equipment.

The average amount of money spent on equipment repairs was \$1,034.90. Two (2) schools indicated that there was no limit to the amount of money they spent on equipment repairs.

The highest amount of money received for being head coach was \$2,600 and the lowest amount was \$400 with a mean of \$914.76. The first

assistant's mean pay was \$533.14. The second assistant's mean salary was \$473.41. The third assistant's mean salary was \$460.81. The fourth assistant's mean salary was \$454.60, and the fifth assistant's mean salary was \$423.27.

Thirty-one schools had a trainer. In 12 schools the trainer was not paid, and the remaining 19 schools paid an average salary of \$465.78.

The majority of schools bought insurance, mouth guards, socks, sweatshirts, athletic supporters, and football shoes for their players.

Most of the schools had one seven-man sled and one two-man sled. The average number of push dummies was 8.85 per team, and the average number of stand-up dummies was 9.8 per team.

It was found that 4 varsity, 47 junior varsity, and 40 junior high school teams did not have a trainer or doctor present at their home games.

The coaches listed numerous problems they had in their high school football program. The problems listed most frequently were as follows:

Lack of participants

Competition too severe for the size of school

Budget too small

Not enough assistants

Transportation of players from practice to home

Obtaining the cooperation of the administration.

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Paterno, Joseph. Head football coach of The Pennsylvania State University. Personal interview, June 1967.

A P P E N D I X A

SURVEY CORRESPONDENCE AND QUESTIONNAIRE

FIRST FORM LETTER MAILED TO HEAD VARSITY FOOTBALL COACHES

124 South Keller Street
State College, Pa., 16801
December 10, 1966

Dear Coach,

Now that the football season has ended for the year would you take a few minutes (approximately 20) of your time to help a fellow coach?

I am attending The Kansas State University during the summer months working towards a Masters degree in Physical Education and as my thesis project I have chosen to do a survey on the status of football in Pennsylvania. My advisor, Professor Ray Wauthier, has approved this project. Fortunately, your school has been selected as one of the one hundred schools included in this study.

I have enclosed a self-addressed, stamped envelope for your convenience. If you would complete the questionnaire and return to me at your earliest convenience, I would be most grateful.

Thank you for your cooperation.

Sincerely yours,

Phil Gill
Jr. High Football Coach
State College Area Schools

Enclosures

POST CARD REMINDER MAILED TO HEAD VARSITY FOOTBALL COACHES

1/12/67

JUST A REMINDER

Dear Coach,

A few weeks ago I sent you a questionnaire on "The Status of Football in Pennsylvania." To date I have received approximately 65% of them and all but 2 coaches have indicated they would like to have the results of the survey.

Would you help me make it a 100% return?

Thanks for your help.

Phil Gill
124 S. Keller St.
State College, Pa., 16801

SECOND FORM LETTER MAILED TO HEAD VARSITY FOOTBALL COACHES

124 South Keller Street
State College, Pa., 16801
February 4, 1967

Dear Coach,

On December 10, 1966, I mailed you a questionnaire on the "Status of Football in Pennsylvania." This survey will be the basis of my M.S. thesis for the Department of Physical Education at Kansas State University, Manhattan, Kansas.

Perhaps you have mislaid the questionnaire or have never received it, so I am enclosing another one along with a stamped, self-addressed envelope for your convenience.

I have received many interesting comments about the problems that a head coach encounters during the year and I am anxious to start tabulating the results this month. To date about 80% of the questionnaires have been returned to me. Won't you help me make it 100%.

Thanks a million for your help.

Sincerely,

Phil Gill
Head Jr. High Football Coach
State College Area Schools

Enclosures-2

QUESTIONNAIRE

The following questionnaire is not in its original form. To reduce mailing bulk it was first typed on three 14" x 15" sheets of paper then reduced by Xerox camera onto multilith mats and run off on 8-1/2" x 11" paper.

Name of School _____

Location _____

SCHOOL:

1. What is the approximate number of boys in the school? (Check one)

0 - 100 _____	501 - 600 _____
101 - 200 _____	601 - 700 _____
201 - 300 _____	701 - 800 _____
301 - 400 _____	801 - 900 _____
401 - 500 _____	OVER 900 _____

2. What is the approximate number of boys participating in varsity football at the school? (Check one)

0 - 25 _____	76 - 100 _____
26 - 50 _____	101 - 125 _____
51 - 75 _____	OVER 125 _____

COACH - TRAINING & DUTIES:

3. Do you have a physical education major? _____ Minor? _____
4. Did you graduate from a college or university in Pennsylvania?
Yes _____ No _____
5. Do you have a Masters degree? _____ Doctorate? _____
6. Do you teach physical education? Yes _____ No _____
7. Did you play football in high school? _____ College? _____
8. If you played football did you letter in high school? _____ College? _____
9. Was your football training received in Physical Education?
Yes _____ No _____
10. How many years have you coached in secondary schools? _____
11. Have you coached junior high football? _____ Junior varsity football _____
College football? _____
12. Are you a head coach in any other sports? Yes _____ No _____. If yes,
what sports - _____, _____, _____.
13. Are you an assistant coach in any other sport? Yes _____ No _____. If
yes, what sports - _____, _____, _____.
14. Have you attended any football clinics during the past year? Yes _____
No _____. If yes, were these clinics attended at the school's
expense? Yes _____ No _____
15. How many games do you play in a season? _____
16. Do you cut players from your squad at the beginning of the year?
Yes _____ No _____

17. Approximately how long do your individual practice sessions last? _____
18. When the season starts approximately what percentage of your weekly practice sessions is spent in scrimmaging? _____ %
19. Do you have an organized weight training program during the season? Yes ___ No ___. During the off-season? Yes ___ No ___
20. Do you have a trainer? Yes ___ No ___
21. Do you use a daily weight chart? Yes ___ No ___. If yes, is it supervised by you _____, assistant _____, or the trainer _____?
22. Is there a doctor assigned to be present at your varsity home games? Yes ___ No ___
23. Does your team attend a football camp? Yes ___ No ___
24. How many practice scrimmages do you have with other teams before your regular season begins? _____
25. Who is responsible for scheduling your football games? _____
26. Do you film your home games? Yes ___ No ___; Away games? Yes ___ No ___
27. Do you grade your football players according to the game films? Yes ___ No ___
28. Do you trade game films with your opponents? Yes ___ No ___
29. Where does the money for the films come from? Budget ___, Booster Club ___, Other _____
30. Who selects your football coaching staff? Superintendent _____ Personnel Director _____. Recommended by you and principal and approved by Supt. _____. Other _____
31. Do you charge admission to your games? Yes ___ No ___. If yes, how much - Adult _____, Students _____, Season _____.
32. Do you have a Junior varsity team? Yes ___ No ___. If yes:
- How many games do they play? _____
 - Do they use the same formation and plays as the varsity? Yes ___ No ___
 - Is there a trainer assigned to the team? Yes ___ No ___
 - Is there a doctor assigned to be present at the home games? Yes ___ No ___
 - Is there admission charged? Yes ___ No ___. If yes, how much: Adult _____ Student _____
 - Do they play any night games? Yes ___ No ___
 - Approximate number of players? _____
33. Do you have a Junior high school team? Yes ___ No ___. If yes:
- How many games do they play? _____
 - Do they use the same formation and plays as the varsity? Yes ___ No ___
 - Is there a trainer assigned to the team? Yes ___ No ___
 - Is there a doctor assigned to be present at the home games? Yes ___ No ___
 - Is there admission charged? Yes ___ No ___. If yes, how much: Adult _____ Student _____
 - Do they play any night games? Yes ___ No ___

FINANCIAL:

34. Do you have a set seasonal budget? Yes ___ No ___. If yes, what is the approximate amount? \$ _____. If no, how is the budget

- arrived at? _____
35. Where is the money for your budget derived? Gate receipts _____,
School Board _____, Other means _____
36. Do the gate receipts from football support other sports in your
school? Yes ___ No ___. If yes, how many? _____
37. Do you receive extra money for your coaching duties? Yes ___ No ___
If yes, approximately how much? \$ _____
38. Do your assistants receive extra pay for coaching? Yes ___ No ___
If yes, approximately how much?
\$ _____ 1st Asst. \$ _____ 4th Asst.
\$ _____ 2nd Asst. \$ _____ 5th Asst.
\$ _____ 3rd Asst.
39. Does your trainer receive extra pay for training duties? Yes ___
No ___. If yes, approximately how much? \$ _____
40. Do you receive a separate contract for coaching football? Yes ___
No ___
41. Is your coaching salary included in your teaching contract? Yes ___
No ___
42. Who pays for the insurance on your players? School ___ Players ___
Other _____
43. Who buys the mouth guards? School ___ Players ___ Other _____
44. Does the school furnish football shoes? Yes ___ No ___
45. Approximately how much money do you spend for the following items?
New Equipment \$ _____ Equipment repairs \$ _____

FACILITIES:

46. Do you have a separate football practice field? Yes ___ No ___
47. Does your playing field have lights? Yes ___ No ___
48. How many seven-man sleds do you have? _____ Two-man sleds? _____
Stand-up dummies? _____ Push dummies? _____
49. Do you have a Smitty's blaster? Yes ___ No ___
50. Do you have a drying room for your equipment? Yes ___ No ___
51. Check the practice equipment that the school supplies.
(a) Socks _____ (d) T-Shirts _____
(b) Towels _____ (e) Sweatshirts _____
(c) Supporters _____
52. Does the school launder the above practice equipment? Yes ___ No ___
53. What other fall sports are offered at your school?
Cross-country _____ Golf _____
Soccer _____ Tennis _____
Lacrosse _____ Other _____

MISCELLANEOUS:

54. What is your biggest problem in high school football?

55. Additional comments -

56. Would you like to have the results of this survey? Yes___ No___

PLEASE DO NOT SIGN THIS QUESTIONNAIRE

A P P E N D I X B

PROBLEMS OF HIGH SCHOOL FOOTBALL COACHES

PROBLEMS OF HIGH SCHOOL FOOTBALL COACHES

<u>Items Related to Football Players</u>	<u>Frequency Mentioned</u>
Lack of participants	23
Transportation of players from practice to home	9
Jobs, cars, and girl interference with player participation	7
Creating desire and <u>esprit de corps</u> among players	7
Players not willing to sacrifice	5
Lack of depth	4
Discipline	3
Getting boys into college	2
Recruiting	2
Forming strong secondary unit or pass coverage	2
Creating interest in football among the players	1
Replacing linebackers	1
Not enough big boys	1
Weak outside containment	1
Injuries	1
Religious problems	1
Cutting of players	1
Boys graduating too young	1
Total	72

Items Related to Football Program

Competition too severe for size of school	10
Budget too small	10
Lack of junior high school football program	8
Not enough time for organization and administrative tasks	6
Maintaining and purchasing equipment	5
Practice time	4
Poor officiating	3

<u>Items Related to Football Program (continued)</u>	<u>Frequency Mentioned</u>
Lack of junior varsity football program	3
Scheduling games	3
Lack of practice equipment such as dummies and sleds	2
Pressure of winning	2
Lack of weight training program	2
Lack of trainer	2
No game films	1
Getting cooperation in building a sound football program	1
No doctor at junior varsity football games	1
Competing with soccer	1
Lack of players equipment	1
Total	65

Items Related to Coaching Staff

Not enough assistants	10
Properly experienced and educated assistants	5
Coaches are not paid enough	3
Head coach cannot pick assistants	1
Coaches teaching too many classes	1
Total	20

Items Related to Parents and Townspeople

Lack of interest among parents	6
Parental interference	3
Interference by "armchair" or "downtown" coaches	3
Parental fear of player being injured	2
Lack of parental supervision	2
Crowd behavior after a game	1
Interference by booster club	1
Total	18

<u>Items Related to Facilities</u>	<u>Frequency Mentioned</u>
Poor storage and locker room facilities	7
Suitable practice area	6
Adequate facilities	1
Sharing practice field	1
Total	15

Items Related to School Administration

Obtaining the cooperation of the administration	9
Securing the cooperation of the school board	4
Administrative interference	1
Total	14

Items Related to Students of the School

Developing school pride	4
Developing school spirit	3
Total	7

A SURVEY OF THE FOOTBALL PROGRAMS IN SELECTED HIGH SCHOOLS
OF THE PENNSYLVANIA INTERSCHOLASTIC ATHLETIC ASSOCIATION

by

PHILBERT HAROLD GILL

B. S., Lock Haven State College
Lock Haven, Pennsylvania, 1963

AN ABSTRACT OF A MASTER'S REPORT

submitted in partial fulfillment of the

requirements for the degree

MASTER OF SCIENCE

Department of Physical Education

KANSAS STATE UNIVERSITY
Manhattan, Kansas

1967

The objective of this report was to determine the extent of football programs conducted in selected high schools of the Pennsylvania Interscholastic Athletic Association.

It is hoped that this report may provide valuable information to coaches starting a football program or improving their existing program.

An investigation of literature in the Pattee and the Department of Physical Education libraries at The Pennsylvania State University was conducted and one related source was found; however, only a few questions compared favorably to this writer's subject.

For this study a survey questionnaire was designed to collect information pertaining to the school, the coach, his training and duties, financial matters, facilities, and miscellaneous questions concerning the programs of high school football in Pennsylvania.

A list of high schools participating in football in the twelve districts was obtained from the Pennsylvania Interscholastic Athletic Association. Every fourth school in each district was selected from an alphabetical listing. A questionnaire with a self-addressed, stamped envelope was mailed to the head football coach. After the initial response, a post card reminder and a follow-up letter was mailed at intervals of one month. There were 133 questionnaires mailed and 124 coaches replied for a total of 93 per cent.

The mean enrollment of the boys in the schools was 463.61, and the average size of the football squads was 55.07 players.

The majority of coaches graduated from a college or university in Pennsylvania, and played football in high school and college. The average number of years coaching experience was 11.7. Most of the coaches had

taught junior high or junior varsity football before attaining varsity status.

The majority of coaches are not head or assistant coaches in any other sports but football.

The practice sessions for the majority of schools were from 1 hour and 45 minutes to 2 hours in length with between 10 and 20 per cent of the weekly practice sessions spent on scrimmaging.

The majority of schools did not have a trainer; however, most schools assigned a doctor to be present at their home games.

Most of the coaches reported that they could recommend who was to be on their coaching staff but that the final approval came from the school administration.

The majority of schools filmed their football games; however, 44 per cent did not grade their players according to these films.

One hundred and nine schools had a junior varsity squad that averaged 38.34 players. The majority of schools played between 6 and 9 games. Seventy-five per cent of the junior varsity teams had no trainer.

Ninety-three schools had a junior high team that averaged 46.39 players. The majority of schools played between 5 and 7 games. Eighty-five per cent of the junior high teams had no trainer.

The variable budget for the majority of schools was based on need for the coming year. Forty-seven schools had a fixed budget ranging from \$500 to \$35,000, and the average was \$6,252.50. The money for most of the budgets came from either the gate receipts or the school boards.

The largest amount of money received for being head coach was \$2,600 and the smallest amount was \$400. The mean salary was \$914.76.

The majority of schools had three assistant football coaches.

Thirty-one schools had a trainer. Twelve schools did not pay the trainer and the remaining 19 schools paid an average salary of \$465.78.

It was found that 4 varsity, 47 junior varsity, and 40 junior high schools did not have a trainer or doctor present at their home games.

The coaches listed numerous problems they had in their high school football programs. The problems listed most frequently were as follows:

Lack of participants

Competition too severe for the size of school

Budget too small

Not enough assistants

Transportation of players from practice to home

Obtaining cooperation of the administration.