

# Town of Wayland, MA

## Town Wide Athletic Field Usage Update

August 2014

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## Section 1

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Update Narrative and Recommendations  
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DRAFT

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## **WAYLAND MASTER PLAN UPDATE**

### **Town Wide Athletic Field Usage Study Update 2014**

#### **Update Narrative and Recommendations**

##### **Introduction**

In 2011 a town wide athletic field master plan was completed in the town of Wayland. This Master plan inventoried all the athletic fields available to the town Wayland, and Wayland public schools and evaluated their condition. As part of that master plan, a study of individual field use was performed in order to document how heavily each field was being utilized and determine if field utilization was exceeding sustainable limits for turf growth. Usage studies are commonly part of athletic field Master Planning documents and are a useful tool for identifying fields that are over-used, fields that may be underutilized or the need for additional fields, if any.

The utilization study performed in 2011 relied on information gathered from the Recreation reservation data base, as well as from interviews with athletic program leaders and organizers. In 2013 it was determined that the data used in that study was flawed, some athletics programs were reserving fields at all available times in order to ensure availability. While other programs were reserving fields and dividing them up for multiple games – thereby increasing field wear and degradation. The purpose of this update is to accurately document the amount of field usage of the town and school athletic fields, by documenting how the fields are used, including overuse caused by many teams using a single field, which would not otherwise be reflected in a typical field usage study based strictly on field reservation data.

Multiple methods were used to gather this information. Athletic Program leaders and organizers were interviewed by phone. The Recreation and School scheduling data bases were reviewed and vetted by the usage study working group, and finally confirmation sheets were forwarded to all the Athletic Program leaders for their review, confirmation and signatures. The following study is based on those numbers.

No study can hope to document every field use, or every specific type of usage, or the degree of wear on that field associated with a specific use. Youth sports use fields differently than adult sports, soccer wears a field differently than football, practice wears a field differently than a game. The usage numbers and multipliers (multipliers used to reflect differing wear patterns) are an estimate of the field use, and the wear on a field caused by those uses, based on the specific hourly usage numbers provided. The goal being to identify overused fields and fields that are being over used to a point of not being able to sustain a viable growth of turf.

The industry standard for the limits of being able to maintain a viable stand of grass, on a municipal maintenance budget, is between 200 and 250 events per year. An event being defined as an adult game, 2 hours long, with 11 players per team. Between 200 and 250 events per year is considered borderline, and the viability of the turf on that field is highly dependent on the quality of maintenance provided. Over 250 events per year is considered unsustainable for growing turf for all but the maintenance budgets of professional sports.

This usage update consists of three, basic parts. The first part being this narrative, methodology, recommendations and Summary Tables. The second parts consists of the back up calculations that convert and adjust the raw hourly usage provided by the user groups so that usage can be consistently applied per field. This is because practices may be longer or shorter

than games, and game durations may be different for different sports or age groups. The third part consists of the documentation ('confirmation sheets') of the raw hourly usage per field reported by the various user groups.

The first part of the update consists of this narrative, methodology, recommendations, a Summary Table and a Field Need calculation sheet. The Field Usage Summary Table documents the Adjusted Events per Field per year in a graphical manner. The Field Need Table provides the calculation for the need of additional fields, based on reducing overused fields to 200 Events per year or less. This section also includes explanations of the methodology used in this report and an executive summary of recommendations.

The Second part is the back-up calculations consisting of the 'Multiplier sheets' These sheets convert the raw hourly usage numbers provided by user groups into numbers that can be applied to how the fields are being used. These sheets convert the total hours reported from each group to a standard 2 hour 'Event' so that the numbers can be compared to the industry standard of a 2 hour duration per Event and the sustainable limit of 250 Events per year per field.

Prior to this comparison however, the numbers of Events per year on a specific field are modified with 'Field Usage Multipliers' as well as with 'Multiple Event per Field' multipliers. Both Multipliers are usage multipliers intended to reflect how and how many times a field is used during a single use. The Field Usage Multiplier is intended to capture how different sports wear the field, or how different sport layouts affect a field. The Multiple Event per Field Multiplier is intended to reflect when fields may be used by more than two teams at any one time (e.g. practice). Please refer to the Methodology section for a more detailed explanation of multiplier numbers.

The last part of the report consists of the hourly field usage data "Confirmation Sheets" provided by the user groups. Because of the differing types of sports and different way these sports use fields, the data provided by user groups was requested in hours of use on a field.

### **Gaps in Demand Data:**

Demand data for natural turf fields have some typical gaps that are difficult to document. Weather conditions play a huge role on if, and when, fields are available for use. In New England, early season snow melt and soil moisture commonly make even the best drained fields unavailable for the first two to three weeks of the spring season. Common rain events during warmer weather also may make fields unusable, sometimes for up to three days after the rain event. These limitations are normal to all but the best natural turf athletic fields and depend heavily on the quality of field drainage and ongoing maintenance. Gaps in field usage or increases in demand due to rescheduling games due to weather events are not documented in this usage study. In a typical New England year weather can postpone field usage by 10-20% and cause that field wear to be increased later in the season.

### **Redistribution of Use:**

In reviewing the data shown on the Field Usage Summary table provided within this report, there may appear to be some flexibility in redistributing some uses between overused, and less utilized fields. This is especially noticeable at the heavily used Soccer/LAX/Microsoccer field at the middle school. Due to the way the Typical Youth Sports Programs are structured, redistribution of these types of uses are not practical, as coaches, and referees rotate between

normal games and practices happening at one site at one time. Redistribution of these uses would require twice as many referee/umpires/volunteers to handle the same events at another venue.

### **Executive Summary / Recommendations:**

In order to provide the Town with a true vision of the usage of the athletic fields in town, this report includes two sets of field usage calculations for comparison. The first set of usage calculations includes all the users known to be using the fields currently, as well as both field usage multipliers (one for "field usage" and one for "Multiple events per field"), that are intended to reflect the true amount of usage on the fields. The methodology for this approach was arrived at by the Recreation commission with input and consensus from the athletics community. Due to the multipliers and true usage numbers, this set of calculations recommends that relatively more new fields be constructed to meet demand, and may be considered to be a more conservative approach.

The Second set of usage calculations provides a less conservative recommendation by excluding all 'non-resident' users from the calculations as well excluding the 'Multiple Events per Field' multiplier. This set of calculations still recommends that new fields be constructed to meet current demand, however the total number of new fields recommended, is less.

As seen on the Field Usage Summary Tables of both sets of calculations; Of the 17 rectangular multipurpose fields used by the town, and schools, many are receiving usage that is considered unsustainable and some are considered to be receiving usage to a level that is considered borderline sustainable. (for the purposes of this study the turf field at the high school is not counted – as synthetic turf its usage is limited only by schedule.).

The largest difference between these two methods of calculation is the usage of the baseball & softball diamonds. It appears that much of the baseball/softball use is from 'non-resident' users, and once these users are omitted, the usage of these fields appears much less. It should be noted that in both methods of calculation softball fields are currently being inappropriately used (baseball programs using a softball infield) and that there is a sustained demand for a minimum of one additional 60' baseline baseball field.

Should out of town users continue to use these fields, and be included in the calculations then the numbers show that three fields have exceeded the sustainable level and three more are at the borderline level. It is indicated on the summary sheet of this calculation (which includes out of town users and multiple use multipliers) and has been documented by Wayland Baseball/Softball Association, that 344 baseball events per year are being inappropriately utilized (e.g. baseball using a softball field) because the correct field type does not exist, or is not available.

### **Recommendations:**

To calculate the need for additional fields required, excess Events (over the 200 sustainable limit) were added up for each field type in order to arrive at the recommended number of additional fields needed to reduce field demand and improve turf conditions on all town fields. Refer to the Field Need Calculation Sheet for each calculation scenario for detailed calculation.

As stated above, for comparison purposes, two sets of calculations have been provided: one more conservative version which indicates the need for relatively more fields, and one less

conservative version which indicates the need for relatively less fields to meet demand. It should be noted however, that both versions recommend the addition of additional fields to the inventory available to the town.

For the More conservative version, which includes ‘Non-Resident users’ documented in the recreation reservation database as well as a Multiple Use multiplier and referencing the numbers given on the Field Usage Summary Table for this scenario, and calculated as shown on the Field Need table, using the criteria noted above, the Town of Wayland should consider construction of the following number and type of natural turf fields.

Type of Field	Field Deficit
Full size multipurpose/Soccer, Field Hockey, LAX	7 fields
8v8 Soccer	1 fields*
6v6 Soccer	4 fields*
Micro Soccer	0 Field*
Softball (60' Diamond)	0
Baseball (60' Diamond)*	2 Fields**

\*see comment below

For the Less conservative version, which omits ‘Non-Resident users’ documented in the recreation reservation database as well as excludes the use of the ‘Multiple Use’ multiplier. The numbers calculated on the Field Usage Summary Table for this scenario, and calculated as shown on the Field Need table, using the criteria noted above, the Town of Wayland should consider construction of the following number and type of natural turf fields.

Type of Field	Field Deficit
Full size multipurpose/Soccer, Field Hockey, LAX	4 fields
8v8 Soccer	1 fields*
6v6 Soccer	2 fields*
Micro Soccer	0 Field*
Softball (60' Diamond)	
Baseball (60' Diamond)*	1 Field**

\*see comment below

**Comment:**

\*There is a clear need documented for additional, full size rectangular multipurpose fields for Soccer, Lacrosse and Youth Football, as well a minor need of additional 8v8 or 6v6 Soccer fields. Some of the need for additional 8v8 and 6v6 Soccer fields could be addressed through the construction of the new full size rectangular fields. Refer to the discussion below regarding the impact of the type of field construction (e.g. synthetic turf or lighting) has on the number of fields recommended.

\*\*There is a stated need for additional 60’ diamond baseball fields by baseball user groups. Per the usage summary sheet(s) a number of current softball fields are currently being used improperly, for baseball, because the needed 60’ baseball diamonds (with turf on the infield) are not available. Depending on the calculation used, there is a need for additional softball fields, however both calculations indicate a need for the construction of at least one new 60’ diamond

baseball field due to this improper usage. In reviewing the usage for 60' foul line baseball and softball fields, this need may be able to be met in a number of ways; by converting existing underutilized softball fields to baseball, or by constructing new fields.

Field Planning Considerations:

A factor in providing recommendations for additional athletic fields is the amount of maintenance necessary to maintain existing fields, as well as any proposed additional fields:

Increased maintenance: Typically municipal fields are as much a victim to under funded maintenance as they are to over use. Increased maintenance, applied correctly, has the ability to greatly improve the condition of fields identified as 'borderline' (yellow on the Usage Summary Table). Any consideration of new fields must also consider the balance of increased maintenance on existing fields. Sodding, fertilization, aeration, overseeding and topdressing can all have a dramatic effect on the quality of a field. However, very few municipalities can afford the level of maintenance needed to improve an 'unsustainable' field (shown as red on the Usage Summary Table) to a level considered acceptable.

Synthetic Turf: The popularity of synthetic turf is not entirely attributable to its appearance, low maintenance or consistent grip. The consideration of synthetic turf is a planning tool that can potentially relieve the scheduling pressure on existing fields, by providing a venue that can sustain the use equivalent of 2 natural turf fields that is unaffected by weather conditions (up to a 3 field equivalent if lighted, with unrestricted use), and that requires relatively little maintenance. The consideration of synthetic turf can prevent the need for acquiring and developing additional property and can provide an outlet for events that have been postponed due to poor weather conditions. Any consideration of synthetic turf however, must be weighed against its high initial cost, and its life-cycle of between 12 and 15 years. When considering synthetic turf, owners should also consider taking advantage of other athletic field infrastructure (e.g. parking, lights, bleachers) to take best advantage of the low 'per usage cost' of the turf and infrastructure combined.

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**Usage Study Update Methodology & Multipliers Narrative:****Confirmation Sheets:**

The usage numbers included in this report are based off of hourly field usage numbers provided by user groups on 'Confirmation Sheets' which establish the amount of hourly field usage for their athletic program for each field in town. Where user groups provided games or practices in lieu of hourly numbers, those numbers were converted to hours (e.g. 2.5 hours per game, 2.0 hours per practice) and the backup information attached to the confirmation sheet of that user group.

These numbers are provided in the 'Estimated Yearly Use (hours)' column on the Confirmation Sheets and as the 'Hours Reported' column on the Multiplier Sheets so that the use of individual fields can be documented and confirmed by the various athletic leaders/organizers.

**Multiplier Sheets:**

Per field usage hourly totals ('Hours Reported' (column C)) are shown on the Multiplier sheets and are converted back to a standard 2 hour 'Event Uses' so that field use can be compared to industry standards for turfgrass sustainability. The converting of the hours 'normalizes' the hours provided in the confirmation sheets in order to provide an even comparison between different programs prior to applying Field Usage and Multiple Events Multipliers to the totals. This is intended to provide an even comparison of field wear between facilities.

Field Wear Multipliers: Two types of field wear multipliers are used to modify the Event Uses number in order to reflect how different sports wear a field, as well as when fields are being used by more than two teams at any one time.

**Field Usage Multiplier:** A Field Usage Multiplier (column A on the Multiplier sheets) adjusts the Event Uses (column D on the Multiplier Sheets) in order to document the relative wear of the sport being played. Soccer is a usage multiplier of 1.0. Baseball is a multiplier of 0.75 (because only one team is on the field at any one time). Football has a usage multiplier of 1.5, due to excessive turf wear, cleats and regular ground impacts of players. Lacrosse also has a usage multiplier of 1.5 due to the regular twisting and directional changes of players, as well as the midfield wear caused by the placement of the goal creases. 8v8 Soccer also has a field usage multiplier, due to the placement of the over-laid goal creases on a larger field.

**Multiple Events per Field Multiplier:** (Column B on the Multiplier Sheets) Certain sports may divide normal size fields into multiple fields for games or practice (esp. Youth soccer and Lacrosse). Other sports may practice on a field with many teams at one time (esp. lacrosse and youth football). The Multiple Events per Field multiplier is intended to capture this over-use in the Adjusted Event Usage number. It should be noted that some sports programs provided additional hours to reflect more than two teams on a field at once (esp. micro youth soccer), this is carried through and shows as additional usage also (so no Multiple Events Multipliers are used for this type of Event).

For simplicity this Multiple Events per Field multiplier is applied whenever a program has more than 2 teams on a field at any one time. Because each sport does not have more than 2 teams on a field 100% of the time, a multiplier was estimated for each of the youth sports programs, and a single, estimated multiplier was applied in all instances where more than



two teams were on a field. Refer to the 'Multiple Events per Field Multiplier - Methodology Narrative' which calculates how the Multiple Events per Field Multiplier was arrived at.

### **Field Usage Summary Sheet:**

The Field Usage Summary Sheet summarizes the Adjusted Event Usage per field totals calculated from the Multiplier Sheets. All the numbers on the Summary Sheet are Adjusted Event totals from column E of the Multiplier Sheets. This sheet graphically illustrates the amount of field use as Green (good - less than 200 events per year), Yellow (borderline – between 200 and 250 Events per year) or Red (unsustainable – greater than 250 Events per year).

### Inappropriate Field Use:

Some Fields are improperly used because the proper field type does not exist, or is not available. For example, some softball fields are used for baseball use, because no other 60' base path baseball fields are available. This cannot be properly documented in the usage numbers, however these uses have been highlighted on the Field Usage Summary Sheet (blue) to indicate an improper or inappropriate field use. Where noted, this improper usage is reported by that program to occur 100% of the time for that athletic program.

### **Definitions:**

Hours Reported or Reported Hourly field use:

Raw hourly field use provided by user groups, used for scheduling purposes.

'Event Use':

Raw hourly reported use converted to a 2 hour 'Event' used for field wear comparison. (an Event equates to a 2 hour game with 2 (11) player teams)

'Adjusted Event Usage':

Event uses multiplied by Field Usage and Multiple Events Per Field Multipliers

'Field Usage Multiplier':

Multiplier used to adjust Event Uses to reflect how different sports wear a field.

'Multiple Events Per Field Multiplier':

Multiplier used to adjust Event Uses to reflect when more than two teams are using a field (and causing additional field wear)

Field Need:

Total Adjusted Event Uses minus 200 events per year equals a quantity of Events to be relocated to another venue (e.g. new fields) in order to reduce that fields specific usage to 200 events or less.

Field Type: for example: baseball vs. softball vs. soccer.

Sustainable field usage: Up to 200 'Events' per year.

Borderline field usage: Between 200 and 250 'Events' per year

Unsustainable field usage: Over 250 'Events' per year

## Multiple Field Over-Use Multiplier Narrative - Multiplier Sheets

Logic for use of 1.4 Multiplier

The Multiple Field Use Multiplier is intended to document instances where more than two teams are on a field at any one time. Additional teams on a field will cause additional wear on the turf and require additional care and maintenance to maintain a viable stand of grass. The intent of this multiplier modify the Event Uses in order to show that additional use, while not over-stating the usage of individual fields. This additional use typically happens for practices and clinics for youth sports, especially Youth Soccer, Lacrosse and Youth Football. In order to generalize this field multiplier and avoid documenting every over use and every time slot, a generalized over-use multiplier was estimated as using the following calculations.

### Youth Soccer: 1 (based on WAYS 2014 spring and summer schedules)

Town Building Field: (per week usage)

Used 9 times at 1.5 hours each = 13.5 hrs/wk

3 teams on field 4.5 hrs/wk or 0.33 (33% of total time over 2 teams are on field)

Normal event (2 teams) = 1.0, 1 extra team = 0.5

0.5 team x 0.33 of total time = 0.165

**Multiplier = normal + extra = 1.0 + 0.165 = 1.165**

### Youth Soccer: 2 (based on WAYS 2014 spring and summer schedules)

Claypit #9 Used 7.5 hrs/wk total

4 teams on field 3.0 hrs/wk = 0.4 of total (40% of total time over 2 teams are on field)

1 team = 0.5 2 teams = 1.0 multiplier

1.0 x 0.4 of total time = 0.4

**Multiplier = normal + extra = 1.0 + 0.4 = 1.4**

### Lacrosse: (per online schedule 2014)

Practice 13 hrs/wk (multiple teams on field) Games 16 hrs/wk = 29 hrs/wk total time

Practice 13 hrs/wk = 0.4 (40% of total time over 2 teams are on field)

2 extra teams = 1.0

1.0 x 0.4 of total time = 0.4

**Multiplier = normal + extra = 1.0 + 0.4 = 1.4**

**Youth Football:** \_\_\_\_\_ (per online schedule 2014)

Practice:

August: 2 hrs/day 4 days/wk = 8 hrs/wk (for 1/3 of season)

Sept-October 2 hrs/day 2 days/wk = 4 hrs/wk (for 2/3 of season)

Weighted average of 5.8 hrs/wk practice (with more than 2 teams on field)

Games:

Sundays 3 games, 2.0 hrs/game = 6 hrs/wk.

Total field time = 5.8 + 6 = 11.8 hrs per week.

Practice = 5.8/11.8 = 0.49 (49% of time more than two teams are on field)

2 extra teams = 1.0 Normal event = 1.0

1.0 x 0.49 of total time = 0.49

**Multiplier = normal + extra = 1.0 + 0.49 = 1.49**

**Multiple Field Use Multiplier Summary:**

Using the above examples of real field usage, we are proposing to use 1.4 as a generalized multiplier to reflect that more than 2 teams are on a field in certain instances. This multiple use condition typically happens for youth sports during practice, when many teams are on the field at once. Intuitively a 2.0 multiplier should be used, however these programs use these fields for games also, so Multiple Field Use does not occur 100% of the time. The 1.4 multiplier is generalized and does not capture the extra use that, say, 6 teams on a field would show if a full one to one multiplier was used. The thought is, that showing a multiplier that shows actual one to one over-usage will unnecessarily skew the usage numbers for individual fields.

## Section 2a

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Conservative Approach Calculations  
(includes out of town users & multiple events)

Field Usage Summary sheet  
Field Need Calculation sheet

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FIELD USAGE SUMMARY																	SUMMARY SHEET	
Master Plan Usage Update 2014																	Green	Less than 200 events per year
Adjusted with multipliers (see individual sheets)																	Yellow	Between 200 and 250 events per year
																	Red	Greater than 250 events per year
All numbers based on a 'Normal' event: 2 adult teams on a field for 2 hours																	0.0	Inappropriate use (e.g. baseball on a softball diamond)
Facility/Fields	TOTALS	EMASS Softball	Adult Soccer League	Spring T-Ball	Mens Over the Hill Soccer	Wayland Youth Soccer	WAYCO Softball	Wayland Baseball Softball Association	Wayland Blazers Travel Baseball	Royal Rooters Travel Baseball	Boston Ski and Sports Club Soccer	Wayland Youth Lacrosse	Wayland Youth Football	Wayland Public Schools	Womens Softball	Wayland Child-Parent Association	TOTALS	
<b>Middle School</b>																		
Baseball Field	90'-baseball diamond	89.3						41.6	19.5					28.1			89.3	
Micro Soccer / FH/LAX		207.1	0.0			153.1						0.0		54.0			207.1	
Soccer/LAX	(11 vs 11)	608.5	49.0			296.9						222.6		40.0			608.5	
Softball	60'-softball diamond	95.3						72.8						22.5			95.3	
<b>Wayland High School</b>																		
Field Hockey		52.5												52.5			52.5	
JV BLAX/Prac. Ftball		165.9										109.2	46.2	10.5			165.9	
JV Baseball	90'-diamond	255.4							193.9	31.5				30.0			255.4	
Stadium Turf Field		746.0	39.0		62.0	157.5					39.0	142.5	56.0	250.0			746.0	
Bennett	Soccer/BLAX	274.8						32.4	209.3			204.8		70.0			274.8	
Varsity Baseball Field	90'-diamond	271.7												30.0			271.7	
	Soccer	20.0												20.0			20.0	
Soccer Behind Tennis		288.9	110.0		8.0							113.9		57.0			288.9	
Softball	60'-softball diamond	221.8						191.8						30.0			221.8	
<b>Alpine Field</b>																		
	60'-Infield only	52.5							52.5								52.5	
Soccer	(11 vs 11)	770.4	71.5		8.0	690.9											770.4	
<b>Art King/Town Building</b>																		
	60'-baseball diamond	116.3		6.0				110.3									116.3	
Soccer	(11 vs 11)	846.9	91.0		27.5	690.9								37.5			846.9	
<b>Claypit Fields</b>																		
Claypit Field 5	(6 vs 6)	353.5	1.8			351.8											353.5	
Claypit Field 6	(6 vs 6)	353.5	1.8			351.8											353.5	
Claypit Field 7	(6 vs 6)	64.8	1.8			63.0											64.8	
Claypit Field 8	(8 vs 8)	542.7	1.8			541.0											542.7	
Claypit Field 9	(6 vs 6)	290.5	1.8			288.8											290.5	
Claypit Field 11	(6 vs 6)	297.5	8.8			288.8											297.5	
Softball	60'-softball diamond (S)	210.2						93.2	117.0								210.2	
	Claypit Field 10 (6v6)	0.0															0.0	
<b>Cochituate Field</b>																		
Field I - Bradford	60'-softball diamond	316.3	136.1				33.0	40.7	4.5					18.8	50.3	33.0	316.3	
	Outfield (fall)	29.4											29.4				29.4	
Field II - West	60'-softball diamond	320.3	157.9				33.0	41.6	4.5						50.3	33.0	320.3	
	Outfield (fall)	29.4											29.4				29.4	
<b>Happy Hollow</b>																		
	60'-softball diamond	16.5						16.5									16.5	
<b>Riverview Field</b>																		
	60'-baseball diamond	122.6						68.6	54.0								122.6	
<b>TOTAL</b>		<b>8030.2</b>	<b>294</b>	<b>378</b>	<b>189</b>	<b>105.5</b>	<b>3874.3</b>	<b>66.0</b>	<b>709.5</b>	<b>655.1</b>	<b>31.5</b>	<b>39.0</b>	<b>793.0</b>	<b>161.0</b>	<b>750.9</b>	<b>100.5</b>	<b>66.0</b>	<b>8030.2</b>

FIELD NEED										Additional Field Need	
Master Plan Usage Update 2014		Green		Less than 200 events per year							
		Yellow		Between 200 and 250 events per year							
		Red		Greater than 250 events per year							
		0.0		Inappropriate use (e.g. baseball on a softball diamond)							
This Sheet calculates the need for additional fields, by subtracting 200 from the left hand column. 200 being the usage goal needed to reduce field over-use. The remainder are excess event hours to be applied to a need for new fields. Synthetic turf field hours are excluded from this calculation											
<b>EXCESS USAGE HOURS (by field type)</b>											
(ROW A MINUS 200 EVENTS PER YEAR (normal field use))											
Facility/Fields		TOTALS (From Usage Summary Sheet)	Soccer (11v11)*	Soccer 8v8*	Soccer 6v6	Soccer Micro	Baseball 90'	Baseball 60'	Softball	ADJUSTED FIELD USAGE WITH NEW FIELDS (A-sum(B:H))	
		A	B	C	D	E	F	G	H	I	
<b>Middle School</b>											
Baseball Field	90'-baseball diamond	89.3									89.3
Microsoccer / FH/LAX		207.1				7.1					200.0
Soccer/LAX	(11 vs 11)	608.5	111.6	296.9							200.0
Softball	60'-softball diamond	95.3									95.3
<b>Wayland High School</b>											
Field Hockey		52.5									52.5
JV BLAX/Prac. Ftbl		165.9									165.9
JV Baseball	90'-baseball diamond	255.4					55.4				200.0
Stadium Turf Field											
Bennett	Soccer/BLAX	274.8	74.8								200.0
Varsity Baseball Field	90'-baseball diamond	271.7					71.7				200.0
	Soccer	20.0									20.0
Soccer Behind Tennis		288.9	88.9								200.0
Softball	60'-softball diamond	221.8							21.8		200.0
<b>Alpine Field</b>											
	60'-Infield only	52.5									52.5
Soccer	(11 vs 11)	770.4	570.4								200.0
<b>Art King/Town Field</b>											
	60'-baseball diamond	116.3									116.3
Soccer	(11 vs 11)	846.9	646.9								200.0
<b>Claypit Fields</b>											
Claypit Field 5	(6 vs 6)	353.5			153.5						200.0
Claypit Field 6	(6 vs 6)	353.5			153.5						200.0
Claypit Field 7	(6 vs 6)	64.8									64.8
Claypit Field 8	(8 vs 8)	542.7			342.7						200.0
Claypit Field 9	(6 vs 6)	290.5			90.5						200.0
Claypit Field 11	(6 vs 6)	297.5			97.5						200.0
Softball	60'-softball diamond (S)	210.2			10.2				10.2		189.8
	Claypit Field 10 (6v6)	0.0									0.0
<b>Cochituate Field</b>											
Field I - Bradford	60'-softball diamond	316.3							116.3		200.0
	Outfield (fall)	29.4									29.4
Field II - West	60'-softball diamond	320.3							120.3		200.0
	Outfield (fall)	29.4									29.4
<b>Happy Hollow</b>											
	60'-softball diamond	16.5									16.5
<b>Riverview Field</b>											
	60'-baseball diamond	122.6									122.6
<b>TOTAL</b>		<b>7284.2</b>	<b>1492.6</b>	<b>296.9</b>	<b>847.9</b>	<b>7.1</b>	<b>127.1</b>	<b>0.0</b>	<b>268.6</b>		<b>4244.1</b>
*Middle School Soccer/LAX 11v11 Field: Numbers have been redistributed on this sheet to indicate WAYS 8v8 use of this field											
<b>FIELD NEED</b>											
FIELD TYPE		Additional Fields Needed (column totals B through H divided by 200)				Notes					
Full Size Multipurpose fields		7									
8v8 Soccer		1				See narrative comments					
6v6 Soccer		4									
Micro Soccer		0				**See note					
Softball		1									
Baseball 90' Diamond		1				60' Diamond					
Baseball 60' Diamond**		291.5									
** improper field use based off of numbers highlighted in blue shown on summary sheet.											
If 60 diamonds for baseball are constructed - there will be no need for additional softball fields											

<b>EMASS Softball</b>							<b>MULTIPLIER SHEET</b>	
<b>Master Plan Usage Update 2014</b>								
Contact: Jim Boice		Season: Spring, Summer & Fall						
Total EVENTS @ 2 hours/event:		392		Total Hours		784		
Notes:								
		A	B	C	D	E		
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD		
Cochituate Field								
Field I - Bradford	60'-softball diamond	0.75	1.00	363.0	181.5	136.1		
	Outfield (fall)	1.00	1.00	0.0	0	0.0		
Field II - West	60'-softball diamond	0.75	1.00	421.0	210.5	157.9		
	Outfield (fall)	1.00	1.00	0.0	0	0.0		
<b>TOTAL</b>		<b>-</b>		<b>784.0</b>	<b>392</b>	<b>294.0</b>		

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<b>Adult Soccer League</b>							MULTIPLIER SHEET	
<b>Master Plan Usage Update 2014</b>								
Contact: Charles Goodhue & Nicholas Christman								
Season: Fall								
Total EVENTS @ 2 hours/event: 378							Total Hours	756
Notes: Hours added per NC comments on confirmation form. GC's Comments Disregarded - Use BSSC numbers. Half of reported hours for Claypit have been divided among Claypit fields 5 through 9 to reflect adult field layout.								
		A	B	C	D	E		
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD		
<b>Middle School</b>								
Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0		
FH/LAX field		1.00	1.00	0.0	0	0.0		
Soccer	(11 vs 11)	1.00	1.00	98.0	49	49.0		
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0		
<b>Wayland High School</b>								
Stadium Turf Field		1.00	1.00	78.0	39	39.0		
Soccer Behind Tennis		1.00	1.00	220.0	110	110.0		
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0		
<b>Alpine Field</b>								
60'-Infield only		0.75	1.00	0.0	0	0.0		
Soccer	(11 vs 11)	1.00	1.00	143.0	71.5	71.5		
<b>Art King/Town Field</b>								
60'-baseball diamond		0.75	1.00	0.0	0	0.0		
Soccer	(11 vs 11)	1.00	1.00	182.0	91	91.0		
<b>Claypit Fields</b>								
Claypit Field 5	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 6	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 7	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 8	(8 vs 8)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 9	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 11	(6 vs 6)	1.00	1.00	17.5	8.75	8.8		
<b>TOTAL</b>		-		<b>756.0</b>	<b>378</b>	<b>378.0</b>		



<b>Spring T-Ball</b>		<b>MULTIPLIER SHEET</b>				
<b>Master Plan Usage Update 2014</b>						
Contact: Nancy McShea						
	Season: Spring					
	Total EVENTS @ 2 hours/event: 8				Total Hours 12	
Notes: T-Ball 1.5 hours per event						
		A	B	C	D	E
Facility/Fields	Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
Art King/Town Field						
60'-baseball diamond	0.75	1.00	12.0	8	6.0	
Soccer (11 vs 11)	1.00	1.00	0.0	0	0.0	
<b>TOTAL</b>	-		<b>12.0</b>	<b>8</b>	<b>6.0</b>	

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<b>Over The Hill Soccer</b>		<b>MULTIPLIER SHEET</b>				
<b>Master Plan Usage Update 2014</b>						
Contact: Kevin Murphy, Jim Brickner, Graham Holmes						
Season: Spring & Fall						
Total EVENTS @ 2 hours/event: 105.5					Total Hours	211
Notes: One confirmation sheet received from each contact. Numbers used are the sum of the hours provided by each contact for each field. Contacts represent Wayland Over the Hill Soccer league, Wayland Spirit, Wayland Wahoo and Wayland Wahoo.						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Wayland High School						
Field Hockey		1.00	1.00	0.0	0	0.0
JV BLAX/Prac. Ftbll		1.00	1.00	0.0	0	0.0
JV Baseball	90'-baseball diamond	0.75	1.00	0.0	0	0.0
Stadium Turf Field		1.00	1.00	124.0	62	62.0
Bennett	Soccer/BLAX	1.00	1.00	0.0	0	0.0
Varsity Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0
	Soccer	1.00	1.00	0.0	0	0.0
Soccer Behind Tennis		1.00	1.00	16.0	8	8.0
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0
Alpine Field						
60'-Infield only		0.75	1.00	0.0	0	0.0
Soccer	(11 vs 11)	1.00	1.00	16.0	8	8.0
Art King/Town Field						
60'-baseball diamond		0.75	1.00	0.0	0	0.0
Soccer	(11 vs 11)	1.00	1.00	55.0	27.5	27.5
<b>TOTAL</b>		-		<b>211.0</b>	<b>105.5</b>	<b>105.5</b>

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<b>WAYCO Softball</b>							MULTIPLIER SHEET
<b>Master Plan Usage Update 2014</b>							
Contact: David Burgess							
		Season: Spring					
Total EVENTS @ 2 hours/event:		88			Total Hours		176
Notes: No confirmation sheet received. Previous numbers used.							
		A	B	C	D	E	
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
Cochituate Field							
Field I - Bradford	60'-softball diamond	0.75	1.00	88.0	44	33.0	
	Outfield (fall)	1.00	1.00	0.0	0	0.0	
Field II - West	60'-softball diamond	0.75	1.00	88.0	44	33.0	
	Outfield (fall)	1.00	1.00	0.0	0	0.0	
<b>TOTAL</b>		-		<b>176.0</b>	<b>88</b>	<b>66.0</b>	

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<b>Wayland Area Youth Soccer</b>						MULTIPLIER SHEET	
<b>Master Plan Usage Update 2014</b>							
Contact: Cindy Oliver							
	Season: Spring & Fall						
	Total EVENTS @ 2 hours/event: 2356.5				Total Hours	4713	
Notes: See attached detailed breakdown provided by WAYS							
* Event Hours Vary - Events normalized to 2 hrs each for multiplier use							
WAYS field usage numbers (top table) broken out as follows							
6v6 fields	1320 hrs/4 fields = 330 hrs/field - divided among claypit 5,6,9,11						
8v8 fields	1440 hrs/3 fields = 480 hrs/field - divided among claypit 8, town bldg, alpine						
11v11 fields	945 hrs/3 fields = 315 hrs/field - divided among town bldg, alpine, HS turf						
Clinics 6v6,8v8	288 hrs/4 fields = 72 hrs/field - divided among claypit 5,6,7 & 8						
		A	B	C	D	E	
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
<b>Middle School</b>							
Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0	
FH/LAX/MicroSoccer field		1.25	1.00	245.0	122.5	153.1	
Soccer (11v11)	used for 8v8 here	1.25	1.00	475.0	237.5	296.9	
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0	
<b>Wayland High School</b>							
Field Hockey		1.00	1.00	0.0	0	0.0	
JV BLAX/Prac. Ftbll		1.00	1.00	0.0	0	0.0	
JV Baseball	90'-baseball diamond	0.75	1.00	0.0	0	0.0	
Stadium Turf Field		1.00	1.00	315.0	157.5	157.5	
<b>Alpine Field</b>							
60'-Infield only		0.75	1.00	0.0	0	0.0	
Soccer	(8v 8)	1.40	1.40	480.0	240	470.4	
Soccer	(11 v 11)	1.00	1.40	315.0	157.5	220.5	
<b>Town Building Field</b>							
Soccer	(8v8)	1.40	1.40	480.0	240	470.4	
Soccer	(11v11)	1.00	1.40	315.0	157.5	220.5	
<b>Claypit Fields</b>							
Claypit Field 5	(6 v 6)+clinics (330 + 72)	1.25	1.40	402.0	201	351.8	
Claypit Field 6	(6 v 6)+clinics (330+72)	1.25	1.40	402.0	201	351.8	
Claypit Field 7	(6 v 6)	1.25	1.40	72.0	36	63.0	
Claypit Field 8	(8 v 8)+clinics (480+72)	1.40	1.40	552.0	276	541.0	
Claypit Field 9	(6 v 6)	1.25	1.40	330.0	165	288.8	
Claypit Field 11	(6 v 6)	1.25	1.40	330.0	165	288.8	
<b>TOTAL</b>		-		<b>4713.0</b>	<b>2356.5</b>	<b>3874.3</b>	
** Explanation of Multiple field use multipliers: Multiplie teams (more than 2) on a single field by dividing up a full size field into multiple youth fields and accounting for usage hours for each subdivided field.							
Youth field multiplier explanation:							
Multiple Events multipliers do not apply to artificial turf.							
<b>Multiple Events multiplier not added to micro fields (middle school LAX) - all multiple team hours are accounted for on a single</b>							
Field Usage multiplier of 1.4 is used on 8v8 fields due to alternate goal locations/increased wear. (unless an 8v8 specific field)							
Field Usage multiplier of 1.25 is used on 6v6 fields due to alternate field layout/goal crease locations/increased wear (unless a 6v6 spec							

Wayland Baseball & Softball Association		MULTIPLIER SHEET				
Master Plan Usage Update 2014						
Contact:	Frank Krasin					
		Season: Spring, Summer & Fall				
Total EVENTS @ 2 hours/event:		946		Total Hours	1892	
		0.0	Blue color indicates inappropriate use (e.g. baseball on a softball diamond)			
Notes: See attached detailed breakdown. Reported hours based on varied event durations, all hours converted back to 2 hour events for consistency in the report.						
Facility/Fields		A	B	C	D	E
		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
<b>Middle School</b>						
Baseball Field	90'-Baseball diamond	0.75	1.00	111.0	55.5	41.6
FH/LAX field		1.00	1.00	0.0	0	0.0
Soccer	(11 vs 11)	1.00	1.00	0.0	0	0.0
Softball	60'-softball diamond	0.75	1.00	194.0	97	72.8
<b>Wayland High School</b>						
Varsity Baseball Field	90'-baseball diamond	0.75	1.00	86.5	43.25	32.4
	Soccer	1.00	1.00	0.0	0	0.0
Soccer Behind Tennis		1.00	1.00	0.0	0	0.0
Softball	60'-softball diamond	0.75	1.00	511.5	255.75	191.8
<b>Alpine Field</b>						
	60'-softball (Infield only)	0.75	1.00	0.0	0	0.0
	Soccer (11 vs 11)	1.00	1.00	0.0	0	0.0
<b>Art King/Town Field</b>						
	60'-baseball diamond	0.75	1.00	294.0	147	110.3
	Soccer (11 vs 11)	1.00	1.00	0.0	0	0.0
<b>Claypit Fields</b>						
	Softball					
	60'-softball diamond (N)	0.75	1.00	248.5	124.25	93.2
<b>Cochituate Field</b>						
	Field I - Bradford					
	60'-softball diamond	0.75	1.00	108.5	54.25	40.7
	Outfield (fall)	1.00	1.00	0.0	0	0.0
	Field II - West					
	60'-softball diamond	0.75	1.00	111.0	55.5	41.6
	Outfield (fall)	1.00	1.00	0.0	0	0.0
<b>Happy Hollow</b>						
	60'-softball diamond	0.75	1.00	44.0	22	16.5
<b>Riverview Field</b>						
	60'-baseball diamond	0.75	1.00	183.0	91.5	68.6
<b>TOTAL</b>		-		<b>1892.0</b>	<b>946</b>	<b>709.5</b>

<b>Wayland Blazers Travel Baseball</b>		<b>MULTIPLIER SHEET</b>				
<b>Master Plan Usage Update 2014</b>						
Contact: Richard Cormier						
Season: Spring Summer & Fall						
Total EVENTS @ 2 hours/event: 873.5		Total Hours 1747				
Notes:						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
<b>Middle School</b>						
Baseball Field	90'-baseball diamond	0.75	1.00	52.0	26	19.5
<b>Wayland High School</b>						
Field Hockey		1.00	1.00	0.0	0	0.0
JV BLAX/Prac. Ftbll		1.00	1.00	0.0	0	0.0
JV Baseball	90'-baseball diamond	0.75	1.00	517.0	258.5	193.9
Stadium Turf Field		1.00	1.00	0.0	0	0.0
Bennett	Soccer/BLAX	1.00	1.00	0.0	0	0.0
Varsity Baseball Field	90'-baseball diamond	0.75	1.00	558.0	279	209.3
	Soccer	1.00	1.00	0.0	0	0.0
<b>Alpine Field</b>						
60'-Infield only		0.75	1.00	140.0	70	52.5
Soccer	(11 vs 11)	1.00	1.00	0.0	0	0.0
<b>Claypit Fields</b>						
Softball	60'-softball diamond (N)	0.75	1.00	312.0	156	117.0
	Claypit Field 10 (6v6)	1.00	1.00	0.0	0	0.0
<b>Cochituate Field</b>						
Field I - Bradford	60'-softball diamond	0.75	1.00	12.0	6	4.5
	Outfield (fall)	1.00	1.00	0.0	0	0.0
Field II - West	60'-softball diamond	0.75	1.00	12.0	6	4.5
	Outfield (fall)	1.00	1.00	0.0	0	0.0
<b>Riverview Field</b>						
60'-baseball diamond		0.75	1.00	144.0	72	54.0
<b>TOTAL</b>		-		<b>1747.0</b>	<b>873.5</b>	<b>655.1</b>

<b>Royal Rooters Mens Baseball</b>		<b>MULTIPLIER SHEET</b>				
<b>Master Plan Usage Update 2014</b>						
Contact: Kyle Provost						
	Season: Spring					
	Total EVENTS @ 2 hours/event: 42			Total Hours	84	
Notes:						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Wayland High School						
Field Hockey		1.00	1.00	0.0	0	0.0
JV BLAX/Prac. Ftball		1.00	1.00	0.0	0	0.0
JV Baseball	90'-baseball diamond	0.75	1.00	84.0	42	31.5
<b>TOTAL</b>		-		<b>84.0</b>	<b>42</b>	<b>31.5</b>

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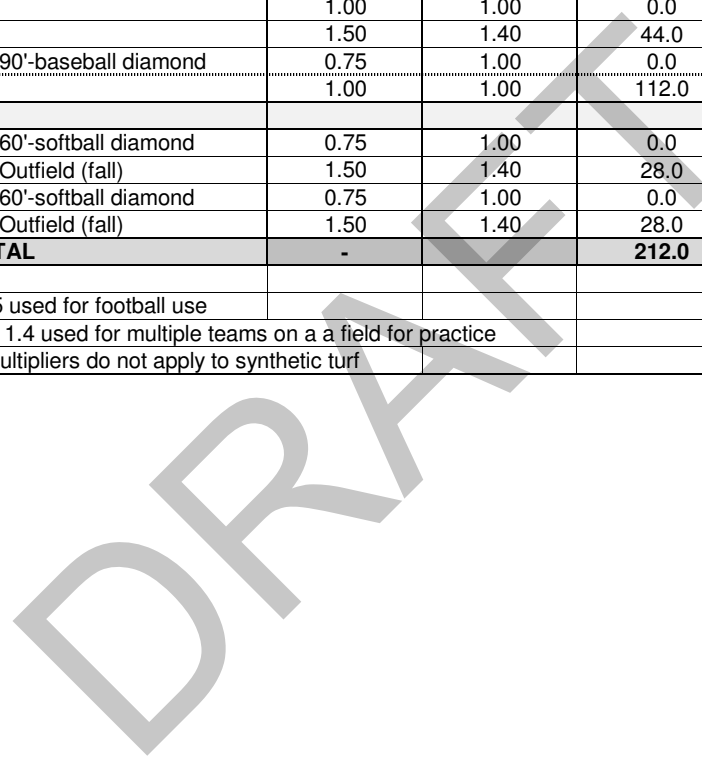
<b>Boston Ski &amp; Sports Club - Soccer</b>			<b>MULTIPLIER SHEET</b>			
<b>Master Plan Usage Update 2014</b>						
Contact: Mark Roberts						
	Season:	Fall				
	Total EVENTS @ 2 hours/event:	39			Total Hours	78
Notes:						
		A	B	C	D	E
Facility/Fields	Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
Wayland High School						
Stadium Turf Field	1.00	1.00	78.0	39	39.0	
<b>TOTAL</b>	-		<b>78.0</b>	<b>39</b>	<b>39.0</b>	

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<b>Wayland Youth Lacrosse</b>							MULTIPLIER SHEET	
<b>Master Plan Usage Update 2014</b>								
Contact: Moira Breen								
Season: Spring								
Total EVENTS @ 2 hours/event: 404.75							Total Hours	809.5
Notes: Confirmation form noted 190+ for HS turf field. Multiplier increased to 1.5 for Lacrosse								
		A	B	C	D	E		
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD		
<b>Middle School</b>								
Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0		
FH/LAX field		1.00	1.00	0.0	0	0.0		
Soccer	(11 vs 11)	1.50	1.40	212.0	106	222.6		
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0		
<b>Wayland High School</b>								
Field Hockey		1.00	1.00	0.0	0	0.0		
JV BLAX/Prac. Ftbll		1.50	1.40	104.0	52	109.2		
JV Baseball	90'-baseball diamond	0.75	1.00	0.0	0	0.0		
Stadium Turf Field		1.50	1.00	190.0	95	142.5		
Bennett	Soccer/BLAX	1.50	1.40	195.0	97.5	204.8		
Varsity Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0		
	Soccer	1.00	1.00	0.0	0	0.0		
Soccer Behind Tennis		1.50	1.40	108.5	54.25	113.9		
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0		
<b>TOTAL</b>		-		<b>809.5</b>	<b>404.75</b>	<b>793.0</b>		
Field Usage multiplier of 1.5 used for Lacrosse use. (foot wear and goal crease locations)								
Multiple events multiplier does not apply to synthetic turf								
Multiple Events multipliers do not apply to artificial turf.								
Multiple Events (over two teams) per field Multiplier = 1.4 (see backup sheet)								

<b>Wayland Youth Football</b>						
<b>Master Plan Usage Update 2014</b>						
Contact: Shawn Fennelly						
Season: Fall						
Total EVENTS @ 2 hours/event: 106					Total Hours	212
Notes: Usage multiplier increased to 1.5 for football use						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Wayland High School						
Field Hockey		1.00	1.00	0.0	0	0.0
JV BLAX/Prac. Ftball		1.50	1.40	44.0	22	46.2
JV Baseball	90'-baseball diamond	0.75	1.00	0.0	0	0.0
Stadium Turf Field		1.00	1.00	112.0	56	56.0
Cochituate Field						
Field I - Bradford	60'-softball diamond	0.75	1.00	0.0	0	0.0
	Outfield (fall)	1.50	1.40	28.0	14	29.4
Field II - West	60'-softball diamond	0.75	1.00	0.0	0	0.0
	Outfield (fall)	1.50	1.40	28.0	14	29.4
<b>TOTAL</b>		<b>-</b>		<b>212.0</b>	<b>106</b>	<b>161.0</b>
Field Usage multiplier of 1.5 used for football use						
Multiple Events multiplier of 1.4 used for multiple teams on a field for practice						
Multiple Events or Usage multipliers do not apply to synthetic turf						



<b>Wayland Public Schools</b>		<b>MULTIPLIER SHEET</b>				
<b>Master Plan Usage Update 2014</b>						
Contact: Steven Cass - Athletic Director						
Season: Spring and Fall						
Total EVENTS @ 2 hours/event: 823		Total Hours 1646				
Notes: Fields are too wet to use for the first 3-4 weeks of spring season. Only turf field is playable during this time. "100's of total hours of field use is lost during the early spring period" Multipliers increased to 1.5 for football and lacrosse uses.						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
<b>Middle School</b>						
Baseball Field	90'-baseball diamond	0.75	1.00	75.0	37.5	28.1
FH/LAX field		1.50	1.00	72.0	36	54.0
Soccer	(11 vs 11)	1.00	1.00	80.0	40	40.0
Softball	60'-softball diamond	0.75	1.00	60.0	30	22.5
<b>Wayland High School</b>						
Practice Football freshmen-former field hockey		1.50	1.40	50.0	25	52.5
Practice Football		1.50	1.40	120.0	60	126.0
Practice Football 1/2 field		1.50	1.40	20.0	10	21.0
JV BLAX/Prac. Ftbll		1.50	1.40	10.0	5	10.5
JV Baseball	90'-baseball diamond	0.75	1.00	80.0	40	30.0
Stadium Turf Field		1.00	1.00	500.0	250	250.0
Bennett	Soccer/BLAX	1.00	1.00	140.0	70	70.0
Varsity Baseball Field	90'-baseball diamond	0.75	1.00	80.0	40	30.0
	Soccer	1.00	1.00	40.0	20	20.0
Soccer Behind Tennis		1.00	1.00	114.0	57	57.0
Softball	60'-softball diamond	0.75	1.00	80.0	40	30.0
<b>Art King / Town Field</b>						
60'-baseball diamond		0.75	1.00	0.0	0	0.0
Soccer	(11 vs 11)	1.00	1.00	75.0	37.5	37.5
<b>Cochituate Field</b>						
Field I - Bradford	60'-softball diamond	0.75	1.00	50.0	25	18.8
<b>TOTAL</b>		<b>-</b>		<b>1646.0</b>	<b>823</b>	<b>897.9</b>
Usage Multiplier of 0.75 used for baseball/softball use						
Usage Multiplier of 1.5 used for football or LAX uses						
Multiple events per field multiplier of 1.4 used for practice football only						
Multiple events multiplier does not apply to synthetic turf						

<b>Wayland Womens Softball</b>						
<b>Master Plan Usage Update 2014</b>						
Contact: Susan Dean						
	Season: Spring					
	Total EVENTS @ 2 hours/event: 134			Total Hours	268	
Notes:						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Cochituate Field						
Field I - Bradford	60'-softball diamond	0.75	1.00	134.0	67	50.3
	Outfield (fall)	1.00	1.00	0.0	0	0.0
Field II - West	60'-softball diamond	0.75	1.00	134.0	67	50.3
	Outfield (fall)	1.00	1.00	0.0	0	0.0
<b>TOTAL</b>		-		<b>268.0</b>	<b>134</b>	<b>100.5</b>

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<b>Wayland Children Parent Association Softball</b>							MULTIPLIER SHEET
<b>Master Plan Usage Update 2014</b>							
Contact: Nancy McShea							
Season: Spring							
Total EVENTS @ 2 hours/event: 88							Total Hours 176
Notes:							
		A	B	C	D	E	
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
Cochituate Field							
Field I - Bradford	60'-softball diamond	0.75	1.00	88.0	44	33.0	
	Outfield (fall)	1.00	1.00	0.0	0	0.0	
Field II - West	60'-softball diamond	0.75	1.00	88.0	44	33.0	
	Outfield (fall)	1.00	1.00	0.0	0	0.0	
<b>TOTAL</b>		-		<b>176.0</b>	<b>88</b>	<b>66.0</b>	

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## Section 2b

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No non-Residnet Users Calculations  
(Excludes out of town users & multiple events)

Field Usage Summary sheet  
Field Need Calculation sheet

DRAFT

**Gale Associates, Inc.**

163 Libbey Parkways | P.O. Box 890189 | Weymouth MA 02189-0004  
P 781.335.6465 F 781.335.6467 [www.gainc.com](http://www.gainc.com)

<b>FIELD NEED</b>	No Out of Town Users - No Multiple Use Multiplier					<b>Additional Field Need</b>
<b>Master Plan Usage Update 2014</b>		Green	Less than 200 events per year			
		Yellow	Between 200 and 250 events per year			
		Red	Greater than 250 events per year			
		0.0	Inappropriate use (e.g. baseball on a softball diamond)			

This Sheet calculates the need for additional fields, by subtracting 200 from the left hand column. 200 being the usage goal needed to reduce field over-use. The remainder are excess event hours to be applied to a need for new fields. Synthetic turf field hours are excluded from this calculation

		EXCESS USAGE HOURS (by field type)								
		(ROW A MINUS 200 EVENTS PER YEAR (normal field use))								
Facility/Fields	TOTALS (From Usage Summary Sheet)	Soccer (11v11)*	Soccer 8v8*	Soccer 6v6	Soccer Micro	Baseball 90'	Baseball 60'	Softball	ADJUSTED FIELD USAGE WITH NEW FIELDS (A-sum(B:H))	
	A	B	C	D	E	F	G	H	I	
<b>Middle School</b>										
Baseball Field	90'-baseball diamond	69.8							69.8	
Microsoccer / FH/LAX		207.1			7.1				200.0	
Soccer/LAX	(11 vs 11)	544.9	48.0	296.9					200.0	
Softball	60'-softball diamond	95.3							95.3	
<b>Wayland High School</b>										
Field Hockey		37.5							37.5	
JV BLAX/Prac. Ftbll		118.5							118.5	
JV Baseball	90'-baseball diamond	30.0							30.0	
Stadium Turf Field										
Bennett	Soccer/BLAX	216.3	16.3						200.0	
Varsity Baseball Field	90'-baseball diamond	62.4							62.4	
	Soccer	20.0							20.0	
Soccer Behind Tennis		248.4	48.4						200.0	
Softball	60'-softball diamond	221.8						21.8	200.0	
<b>Alpine Field</b>										
	60'-Infield only	0.0							0.0	
Soccer	(11 vs 11)	565.0	365.0						200.0	
<b>Art King/Town Field</b>										
	60'-baseball diamond	116.3							116.3	
Soccer	(11 vs 11)	622.0	422.0						200.0	
<b>Claypit Fields</b>										
Claypit Field 5	(6 vs 6)	253.0		53.0					200.0	
Claypit Field 6	(6 vs 6)	253.0		53.0					200.0	
Claypit Field 7	(6 vs 6)	46.8							46.8	
Claypit Field 8	(8 vs 8)	388.2		188.2					200.0	
Claypit Field 9	(6 vs 6)	208.0		8.0					200.0	
Claypit Field 11	(6 vs 6)	215.0		15.0					200.0	
Softball	60'-softball diamond (S)	93.2					*		93.2	
	Claypit Field 10 (6v6)	0.0							0.0	
<b>Cochituate Field</b>										
Field I - Bradford	60'-softball diamond	175.7					*		175.7	
	Outfield (fall)	21.0							21.0	
Field II - West	60'-softball diamond	157.9					*		157.9	
	Outfield (fall)	21.0							21.0	
<b>Happy Hollow</b>										
	60'-softball diamond	16.5							16.5	
<b>Riverview Field</b>										
	60'-baseball diamond	68.6							68.6	
<b>TOTAL</b>		<b>5092.9</b>	<b>899.6</b>	<b>296.9</b>	<b>317.2</b>	<b>7.1</b>	<b>0.0</b>	<b>0.0</b>	<b>21.8</b>	<b>3550.3</b>

\*Middle School Soccer/LAX 11v11 Field: Numbers have been redistributed on this sheet to indicate WAYS 8v8 use of this field

FIELD NEED			
FIELD TYPE	Additional Fields Needed (column totals B through H divided by 200)	Notes	
Full Size Multipurpose fields	4		
8v8 Soccer	1	See narrative comments	
6v6 Soccer	2	See narrative comments	
Micro Soccer	0		
Softball	0	**See note	
Baseball 90' Diamond	0		
Baseball 60' Diamond**	1	60' Diamond**	
** improper field use based off of numbers highlighted in blue shown on summary sheet.			
Stated need for additional 60' diamond baseball field, see narrative recommendations			

<b>Adult Soccer League</b>							MULTIPLIER SHEET	
<b>Master Plan Usage Update 2014</b>								
Contact: Charles Goodhue & Nicholas Christman								
Season: Fall								
Total EVENTS @ 2 hours/event: 378							Total Hours	756
Notes: Hours added per NC comments on confirmation form. GC's Comments Disregarded - Use BSSC numbers. Half of reported hours for Claypit have been divided among Claypit fields 5 through 9 to reflect adult field layout.								
		A	B	C	D	E		
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD		
<b>Middle School</b>								
Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0		
FH/LAX field		1.00	1.00	0.0	0	0.0		
Soccer	(11 vs 11)	1.00	1.00	98.0	49	49.0		
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0		
<b>Wayland High School</b>								
Stadium Turf Field		1.00	1.00	78.0	39	39.0		
Soccer Behind Tennis		1.00	1.00	220.0	110	110.0		
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0		
<b>Alpine Field</b>								
60'-Infield only		0.75	1.00	0.0	0	0.0		
Soccer	(11 vs 11)	1.00	1.00	143.0	71.5	71.5		
<b>Art King/Town Field</b>								
60'-baseball diamond		0.75	1.00	0.0	0	0.0		
Soccer	(11 vs 11)	1.00	1.00	182.0	91	91.0		
<b>Claypit Fields</b>								
Claypit Field 5	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 6	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 7	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 8	(8 vs 8)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 9	(6 vs 6)	1.00	1.00	3.5	1.75	1.8		
Claypit Field 11	(6 vs 6)	1.00	1.00	17.5	8.75	8.8		
<b>TOTAL</b>		-		<b>756.0</b>	<b>378</b>	<b>378.0</b>		



<b>Spring T-Ball</b>		<b>MULTIPLIER SHEET</b>				
<b>Master Plan Usage Update 2014</b>						
Contact: Nancy McShea						
	Season: Spring					
	Total EVENTS @ 2 hours/event: 8				Total Hours 12	
Notes: T-Ball 1.5 hours per event						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Art King/Town Field						
60' - baseball diamond		0.75	1.00	12.0	8	6.0
Soccer (11 vs 11)		1.00	1.00	0.0	0	0.0
<b>TOTAL</b>		-		<b>12.0</b>	<b>8</b>	<b>6.0</b>

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<b>WAYCO Softball</b>							MULTIPLIER SHEET
<b>Master Plan Usage Update 2014</b>							
Contact: David Burgess							
		Season: Spring					
Total EVENTS @ 2 hours/event: 88							Total Hours 176
Notes: No confirmation sheet received. Previous numbers used.							
		A	B	C	D	E	
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
Cochituate Field							
Field I - Bradford	60'-softball diamond	0.75	1.00	88.0	44	33.0	
	Outfield (fall)	1.00	1.00	0.0	0	0.0	
Field II - West	60'-softball diamond	0.75	1.00	88.0	44	33.0	
	Outfield (fall)	1.00	1.00	0.0	0	0.0	
<b>TOTAL</b>		-		<b>176.0</b>	<b>88</b>	<b>66.0</b>	

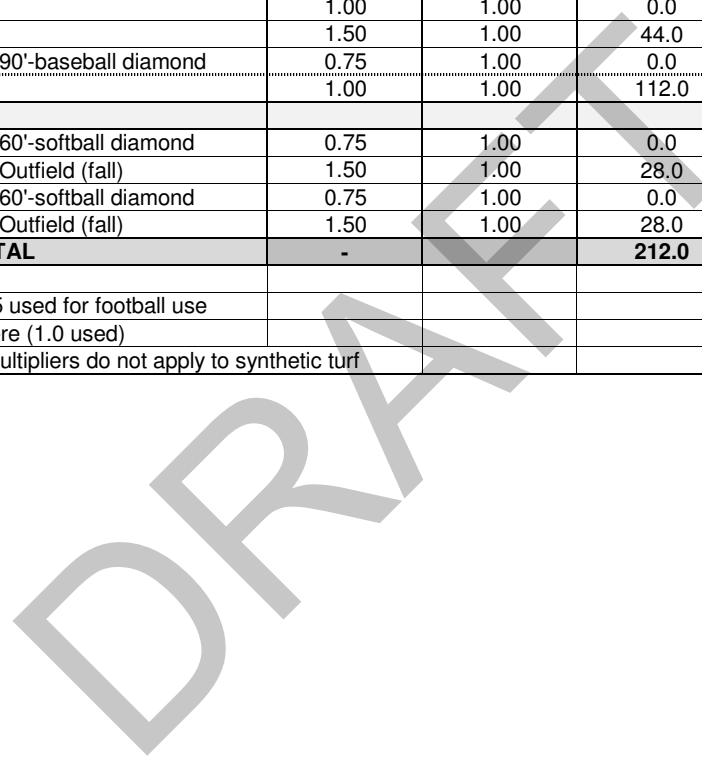
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Wayland Area Youth Soccer		MULTIPLIER SHEET				
Master Plan Usage Update 2014						
Contact: Cindy Oliver						
	Season: Spring & Fall					
	Total EVENTS @ 2 hours/event: 2356.5			Total Hours	4713	
Notes: See attached detailed breakdown provided by WAYS						
* Event Hours Vary - Events normalized to 2 hrs each for multiplier use						
WAYS field usage numbers (top table) broken out as follows						
6v6 fields	1320 hrs/4 fields = 330 hrs/field - divided among claypit 5,6,9,11					
8v8 fields	1440 hrs/3 fields = 480 hrs/field - divided among claypit 8, town bldg, alpine					
11v11 fields	945 hrs/3 fields = 315 hrs/field - divided among town bldg, alpine, HS turf					
Clinics 6v6,8v8	288 hrs/4 fields = 72 hrs/field - divided among claypit 5,6,7 & 8					
		A	B	C	D	
					E	
Facility/Fields	Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
<b>Middle School</b>						
Baseball Field	90'- baseball diamond	0.75	1.00	0.0	0.0	
FH/LAX/MicroSoccer field		1.25	1.00	245.0	122.5	
Soccer (11v11)	used for 8v8 here	1.25	1.00	475.0	237.5	
Softball	60'-softball diamond	0.75	1.00	0.0	0.0	
<b>Wayland High School</b>						
Field Hockey		1.00	1.00	0.0	0.0	
JV BLAX/Prac. Ftbll		1.00	1.00	0.0	0.0	
JV Baseball	90'-baseball diamond	0.75	1.00	0.0	0.0	
Stadium Turf Field		1.00	1.00	315.0	157.5	
<b>Alpine Field</b>						
60'-Infield only		0.75	1.00	0.0	0.0	
Soccer	(8v 8)	1.40	1.00	480.0	240	
Soccer	(11 v 11)	1.00	1.00	315.0	157.5	
<b>Town Building Field</b>						
Soccer	(8v8)	1.40	1.00	480.0	240	
Soccer	(11v11)	1.00	1.00	315.0	157.5	
<b>Claypit Fields</b>						
Claypit Field 5	(6 v 6)+clinics (330 + 72)	1.25	1.00	402.0	201	
Claypit Field 6	(6 v 6)+clinics (330+72)	1.25	1.00	402.0	201	
Claypit Field 7	(6 v 6)	1.25	1.00	72.0	36	
Claypit Field 8	(8 v 8)+clinics (480+72)	1.40	1.00	552.0	276	
Claypit Field 9	(6 v 6)	1.25	1.00	330.0	165	
Claypit Field 11	(6 v 6)	1.25	1.00	330.0	165	
<b>TOTAL</b>		-		<b>4713.0</b>	<b>2356.5</b>	<b>2940.9</b>
** Explanation of Multiple field use multipliers: Multiplie teams (more than 2) on a single field by dividing up a full size field into multiple youth fields and accounting for usage hours for each subdivided field.						
Youth field multiplier explanation:						
Multiple Events multipliers do not apply to artificial turf.						
<b>Multiple Events not used here (1.0 used)</b>						
Field Usage multiplier of 1.4 is used on 8v8 fields due to alternate goal locations/increased wear. (unless an 8v8 specific field)						
Field Usage multiplier of 1.25 is used on 6v6 fields due to alternate field layout/goal crease locations/increased wear (unless a 6v6 spec						

Wayland Baseball & Softball Association		MULTIPLIER SHEET				
Master Plan Usage Update 2014						
Contact:	Frank Krasin					
		Season: Spring, Summer & Fall				
Total EVENTS @ 2 hours/event:		946				Total Hours 1892
		0.0	Blue color indicates inappropriate use (e.g. baseball on a softball diamond)			
Notes: See attached detailed breakdown. Reported hours based on varied event durations, all hours converted back to 2 hour events for consistency in the report.						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses	Adjusted Event Usage
					(2 Hours per Event) C/2	AxBxD
<b>Middle School</b>						
Baseball Field	90'-Baseball diamond	0.75	1.00	111.0	55.5	41.6
FH/LAX field		1.00	1.00	0.0	0	0.0
Soccer	(11 vs 11)	1.00	1.00	0.0	0	0.0
Softball	60'-softball diamond	0.75	1.00	194.0	97	72.8
<b>Wayland High School</b>						
Varsity Baseball Field	90'-baseball diamond	0.75	1.00	86.5	43.25	32.4
	Soccer	1.00	1.00	0.0	0	0.0
Soccer Behind Tennis		1.00	1.00	0.0	0	0.0
Softball	60'-softball diamond	0.75	1.00	511.5	255.75	191.8
<b>Alpine Field</b>						
	60'-softball (Infield only)	0.75	1.00	0.0	0	0.0
	Soccer (11 vs 11)	1.00	1.00	0.0	0	0.0
<b>Art King/Town Field</b>						
	60'-baseball diamond	0.75	1.00	294.0	147	110.3
	Soccer (11 vs 11)	1.00	1.00	0.0	0	0.0
<b>Claypit Fields</b>						
Softball	60'-softball diamond (N)	0.75	1.00	248.5	124.25	93.2
<b>Cochituate Field</b>						
Field I - Bradford	60'-softball diamond	0.75	1.00	108.5	54.25	40.7
	Outfield (fall)	1.00	1.00	0.0	0	0.0
Field II - West	60'-softball diamond	0.75	1.00	111.0	55.5	41.6
	Outfield (fall)	1.00	1.00	0.0	0	0.0
<b>Happy Hollow</b>						
	60'-softball diamond	0.75	1.00	44.0	22	16.5
<b>Riverview Field</b>						
	60'-baseball diamond	0.75	1.00	183.0	91.5	68.6
<b>TOTAL</b>		-		<b>1892.0</b>	<b>946</b>	<b>709.5</b>

<b>Wayland Youth Lacrosse</b>							MULTIPLIER SHEET
<b>Master Plan Usage Update 2014</b>							
Contact: Moira Breen							
	Season: Spring						
	Total EVENTS @ 2 hours/event: 404.75				Total Hours	809.5	
Notes: Confirmation form noted 190+ for HS turf field. Multiplier increased to 1.5 for Lacrosse							
		A	B	C	D	E	
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD	
<b>Middle School</b>							
Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0	
FH/LAX field		1.00	1.00	0.0	0	0.0	
Soccer	(11 vs 11)	1.50	1.00	212.0	106	159.0	
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0	
<b>Wayland High School</b>							
Field Hockey		1.00	1.00	0.0	0	0.0	
JV BLAX/Prac. Ftbll		1.50	1.00	104.0	52	78.0	
JV Baseball	90'-baseball diamond	0.75	1.00	0.0	0	0.0	
Stadium Turf Field		1.50	1.00	190.0	95	142.5	
Bennett	Soccer/BLAX	1.50	1.00	195.0	97.5	146.3	
Varsity Baseball Field	90'-baseball diamond	0.75	1.00	0.0	0	0.0	
	Soccer	1.00	1.00	0.0	0	0.0	
Soccer Behind Tennis		1.50	1.00	108.5	54.25	81.4	
Softball	60'-softball diamond	0.75	1.00	0.0	0	0.0	
<b>TOTAL</b>		-		<b>809.5</b>	<b>404.75</b>	<b>607.1</b>	
Field Usage multiplier of 1.5 used for Lacrosse use. (foot wear and goal crease locations)							
Multiple events multiplier does not apply to synthetic turf							
Multiple Events Multiplier not used here (1.0 used)							

<b>Wayland Youth Football</b>						
<b>Master Plan Usage Update 2014</b>						
Contact: Shawn Fennelly						
Season: Fall						
Total EVENTS @ 2 hours/event: 106					Total Hours	212
Notes: Usage multiplier increased to 1.5 for football use						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Wayland High School						
Field Hockey		1.00	1.00	0.0	0	0.0
JV BLAX/Prac. Ftbll		1.50	1.00	44.0	22	33.0
JV Baseball	90'-baseball diamond	0.75	1.00	0.0	0	0.0
Stadium Turf Field		1.00	1.00	112.0	56	56.0
Cochituate Field						
Field I - Bradford	60'-softball diamond	0.75	1.00	0.0	0	0.0
	Outfield (fall)	1.50	1.00	28.0	14	21.0
Field II - West	60'-softball diamond	0.75	1.00	0.0	0	0.0
	Outfield (fall)	1.50	1.00	28.0	14	21.0
<b>TOTAL</b>		<b>-</b>		<b>212.0</b>	<b>106</b>	<b>131.0</b>
Field Usage multiplier of 1.5 used for football use						
Multiple Events not used here (1.0 used)						
Multiple Events or Usage multipliers do not apply to synthetic turf						



<b>Wayland Public Schools</b>		<b>MULTIPLIER SHEET</b>				
<b>Master Plan Usage Update 2014</b>						
Contact: Steven Cass - Athletic Director						
Season: Spring and Fall						
Total EVENTS @ 2 hours/event: 823		Total Hours 1646				
Notes: Fields are too wet to use for the first 3-4 weeks of spring season. Only turf field is playable during this time. "100's of total hours of field use is lost during the early spring period" Multipliers increased to 1.5 for football and lacrosse uses.						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
<b>Middle School</b>						
Baseball Field	90'-baseball diamond	0.75	1.00	75.0	37.5	28.1
FH/LAX field		1.50	1.00	72.0	36	54.0
Soccer	(11 vs 11)	1.00	1.00	80.0	40	40.0
Softball	60'-softball diamond	0.75	1.00	60.0	30	22.5
<b>Wayland High School</b>						
Practice Football freshmen-former field hockey		1.50	1.00	50.0	25	37.5
Practice Football		1.50	1.00	120.0	60	90.0
Practice Football 1/2 field		1.50	1.00	20.0	10	15.0
JV BLAX/Prac. Ftbll		1.50	1.00	10.0	5	7.5
JV Baseball	90'-baseball diamond	0.75	1.00	80.0	40	30.0
Stadium Turf Field		1.00	1.00	500.0	250	250.0
Bennett	Soccer/BLAX	1.00	1.00	140.0	70	70.0
Varsity Baseball Field	90'-diamond	0.75	1.00	80.0	40	30.0
	Soccer	1.00	1.00	40.0	20	20.0
Soccer Behind Tennis		1.00	1.00	114.0	57	57.0
Softball	60'-softball diamond	0.75	1.00	80.0	40	30.0
<b>Town Field</b>						
60'-baseball diamond		0.75	1.00	0.0	0	0.0
Soccer	(11 vs 11)	1.00	1.00	75.0	37.5	37.5
<b>Cochituate Field</b>						
Field I - Bradford	60'-softball diamond	0.75	1.00	50.0	25	18.8
<b>TOTAL</b>		-		<b>1646.0</b>	<b>823</b>	<b>837.9</b>
Usage Multiplier of 0.75 used for baseball/softball use						
Usage Multiplier of 1.5 used for football or LAX uses						
Multiple events per field multiplier of 1.4 used for practice football only						
Multiple events multiplier does not apply to synthetic turf						

<b>Wayland Womens Softball</b>						
<b>Master Plan Usage Update 2014</b>						
Contact: Susan Dean						
		Season: Spring				
Total EVENTS @ 2 hours/event: 134				Total Hours	268	
Notes:						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Cochituate Field						
Field I - Bradford	60'-softball diamond	0.75	1.00	134.0	67	50.3
	Outfield (fall)	1.00	1.00	0.0	0	0.0
Field II - West	60'-softball diamond	0.75	1.00	134.0	67	50.3
	Outfield (fall)	1.00	1.00	0.0	0	0.0
<b>TOTAL</b>		-		<b>268.0</b>	<b>134</b>	<b>100.5</b>

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Wayland Children Parent Association Softball		MULTIPLIER SHEET				
Master Plan Usage Update 2014						
Contact: Nancy McShea						
	Season: Spring					
	Total EVENTS @ 2 hours/event: 88			Total Hours	176	
Notes:						
		A	B	C	D	E
Facility/Fields		Field Usage Multiplier	Multiple Events Per Field Multiplier	Hours Reported (confirmation sheets)	Event Uses (2 Hours per Event) C/2	Adjusted Event Usage AxBxD
Cochituate Field						
Field I - Bradford	60'-softball diamond	0.75	1.00	88.0	44	33.0
	Outfield (fall)	1.00	1.00	0.0	0	0.0
Field II - West	60'-softball diamond	0.75	1.00	88.0	44	33.0
	Outfield (fall)	1.00	1.00	0.0	0	0.0
<b>TOTAL</b>		-		<b>176.0</b>	<b>88</b>	<b>66.0</b>

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FIELD USAGE SUMMARY		No out-of-town user groups included.										SUMMARY SHEET						
Master Plan Usage Update 2014		Multiple Events Multiplier NOT used										Green	Less than 200 events per year					
Adjusted with Usage multipliers only (see individual sheets)												Yellow	Between 200 and 250 events per year					
												Red	Greater than 250 events per year					
		All numbers based on a 'Normal' event: 2 adult teams on a field for 2 hours										blue	Inappropriate use (e.g. baseball on a softball diamond)					
Facility/Fields		TOTALS	Omitted-out of town user	Adult Soccer League	Spring T-Ball	Omitted-out of town user	Wayland Youth Soccer	WAYCO Softball	Wayland Baseball Softball Association	Omitted-out of town user	Omitted-out of town user	Omitted-out of town user	Wayland Youth Lacrosse	Wayland Youth Football	Wayland Public Schools	Womens Softball	Wayland Child-Parent Association	TOTALS
Middle School																		
Baseball Field	90'-baseball diamond	69.8						41.6	0.0					28.1				69.8
Micro Soccer / FH/LAX		207.1		0.0		153.1						0.0		54.0				207.1
Soccer/LAX	(11 vs 11)	544.9		49.0		296.9						159.0		40.0				544.9
Softball	60'-softball diamond	95.3						72.8						22.5				95.3
Wayland High School																		
Field Hockey		37.5												37.5				37.5
JV BLAX/Prac. Ftbll		118.5										78.0	33.0	7.5				118.5
JV Baseball	90'-baseball diamond	30.0							0.0	0.0				30.0				30.0
Stadium Turf Field		645.0		39.0	0.0	157.5					0.0	142.5	56.0	250.0				645.0
Bennett	Soccer/BLAX	216.3										146.3		70.0				216.3
Varsity Baseball Field	90'-baseball diamond	62.4						32.4	0.0					30.0				62.4
	Soccer	20.0												20.0				20.0
Soccer Behind Tennis		248.4		110.0	0.0							81.4		57.0				248.4
Softball	60'-softball diamond	221.8						191.8						30.0				221.8
Alpine Field																		
	60'-Infield only	0.0							0.0									0.0
Soccer	(11 vs 11)	565.0		71.5	0.0	493.5												565.0
Art King/Town Building																		
	60'-baseball diamond	116.3			6.0			110.3										116.3
Soccer	(11 vs 11)	622.0		91.0	0.0	493.5								37.5				622.0
Claypit Fields																		
Claypit Field 5	(6 vs 6)	253.0		1.8		251.3												253.0
Claypit Field 6	(6 vs 6)	253.0		1.8		251.3												253.0
Claypit Field 7	(6 vs 6)	46.8		1.8		45.0												46.8
Claypit Field 8	(8 vs 8)	388.2		1.8		386.4												388.2
Claypit Field 9	(6 vs 6)	208.0		1.8		206.3												208.0
Claypit Field 11	(6 vs 6)	215.0		8.8		206.3												215.0
Softball	60'-softball diamond (S)	93.2						93.2	0.0									93.2
	Claypit Field 10 (6v6)	0.0																0.0
Cochituate Field																		
Field I - Bradford	60'-softball diamond	175.7	0.0				33.0	40.7	0.0					18.8	50.3	33.0		175.7
	Outfield (fall)	21.0											21.0					21.0
Field II - West	60'-softball diamond	157.9	0.0				33.0	41.6	0.0						50.3	33.0		157.9
	Outfield (fall)	21.0											21.0					21.0
Happy Hollow																		
	60'-softball diamond	16.5						16.5										16.5
Riverview Field																		
	60'-baseball diamond	68.6						68.6	0.0									68.6
<b>TOTAL</b>		<b>5737.9</b>	<b>0</b>	<b>378</b>	<b>189</b>	<b>0.0</b>	<b>2940.9</b>	<b>66.0</b>	<b>709.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>607.1</b>	<b>131.0</b>	<b>732.9</b>	<b>100.5</b>	<b>66.0</b>	<b>5737.9</b>

## Section 3

List of Town Athletic Programs & Contacts  
Athletic Program Usage Confirmation Sheets

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**Gale Associates, Inc.**

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August 18, 2014

Wayland Master Plan Athletic Field  
Usage Data Update Study

**Town Athletic Programs – Distribution List**

	<b><u>Organization</u></b>	<b><u>Contact</u></b>
1.	EMASS - Softball	Jim Boice
2.	Adult Soccer League	Charles Goodhue, Nicolas Christman
3.	Spring T-Ball - Rec	Nancy McShea
4.	Men's Over the Hill Soccer	Kevin Murphy, Jim Bricker, Graham Holmes
5.	Wayland Youth Soccer	Cynthia Oliver
6.	WAYCO Softball	David Burgess
7.	NOT USED - Game Breaker Lacrosse	Omitted – Left Wayland
8.	Wayland Baseball and Softball Association	Frank Krasin
9.	Blazers Travel Baseball	Richard Cormier
10.	Royal Rooters - Men's Baseball	Kyle Provost
11.	Boston Ski & Sports Club (BSSC) Soccer	Mark Roberts
12.	Wayland Youth Lacrosse	Moira Breen
13.	Wayland Youth Football	Shawn Fennelly
14.	Wayland Public Schools	Stephen Cass
15.	Women's Softball	Sue Dean
16.	Wayland Children-Parent Association Softball	Nancy McShea