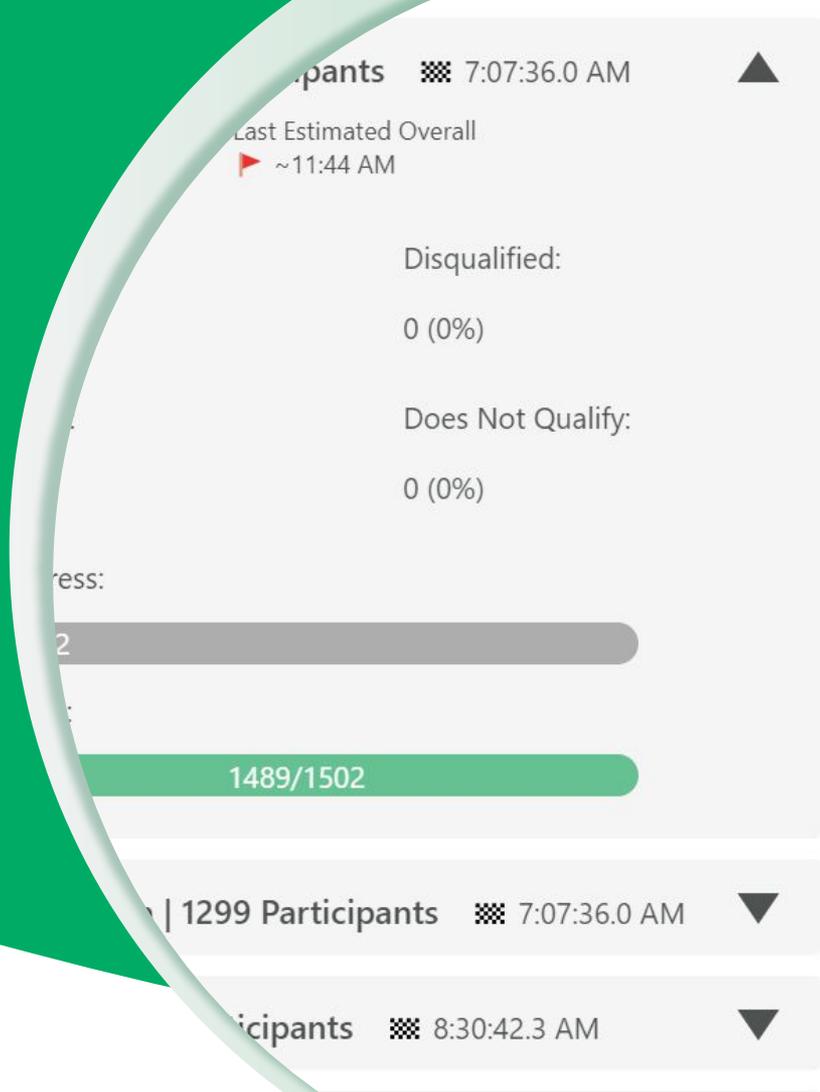


RaceDay Scoring New Data Check Features

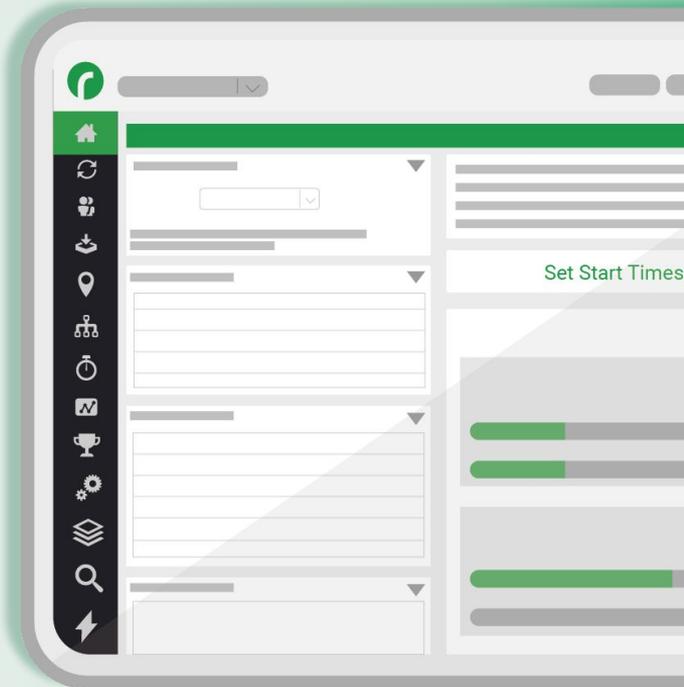
March 25, 2025





Today's Agenda

- **Data Check/Data Action Refresher**
- **Default Data Checks**
- **Using Participant Search Filters**
- **Using Raw Read Participant Search Filters**
- **Example Data Checks**
- **Questions**





Data Check/Data Action Refresher





Data Action

- Considers all participants regardless of Scored Event (unless you filter them out)
- Has a trigger set by Participant and Raw Read filters that acts when the conditions are met
- Changes a piece of participant registration data (e.g. changes corrals or registration events)
- Happens automatically
- Only fires once when conditions are met for that participant
- Not easily reversible unless you've set it up with this in mind

vs

Data Check

- Considers all participants regardless of Scored Event (unless you filter them out)
- Has the same conditions as a Data Action
- Does not act automatically
- Outputs a list of participants who meet the parameters
- Can select all, none, or specific participants to act on and change a single piece of registration data
- Show up in the new Data Check area on the Home tab
- Has Defaults



When to Use

Data Action

- It's impossible to meet the condition accidentally
- It's an automatic move no matter what (no exceptions to the rule)
- It should happen in the background
- You are using it to fill in non-scoring information

Examples:

- Reading on the Split after the start means you are moved to the Half Marathon
- Marking someone as starting in the wrong corral (if you aren't using Corral clock times)

Data Check

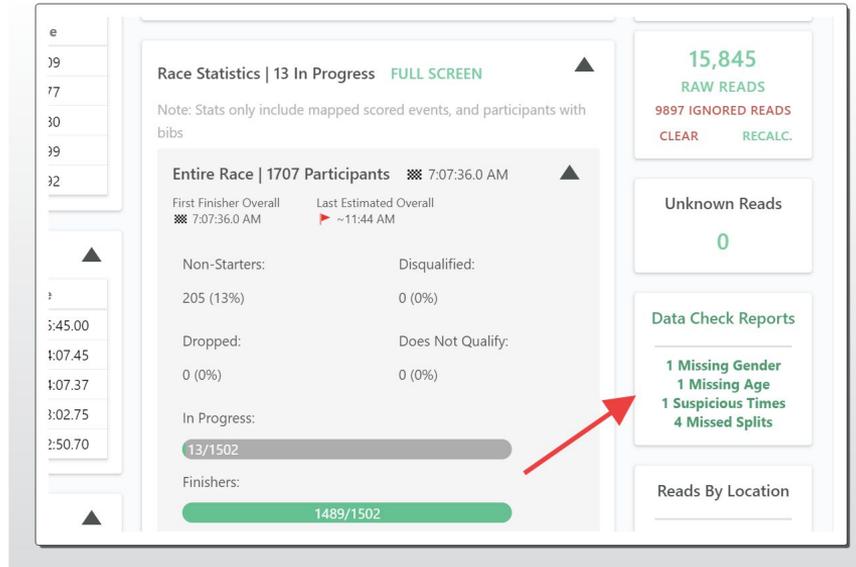
- You're looking to assess whether or not to act on a participant
- Not everyone who meets the criteria should be moved
- You're checking something on the fly
- Use in concert with Data Actions and Custom Fields to expand your checks

Examples

- People who might have joined the Early Start corral
- People missed a turnaround split, but it's possible they just missed the read



Data Check Reports



- New area on the Home tab
- Shows anyone who meets the criteria of a Data Check, both default and user-created
- Clicking on one of the Reports will take you directly to the output and allow editing and updating



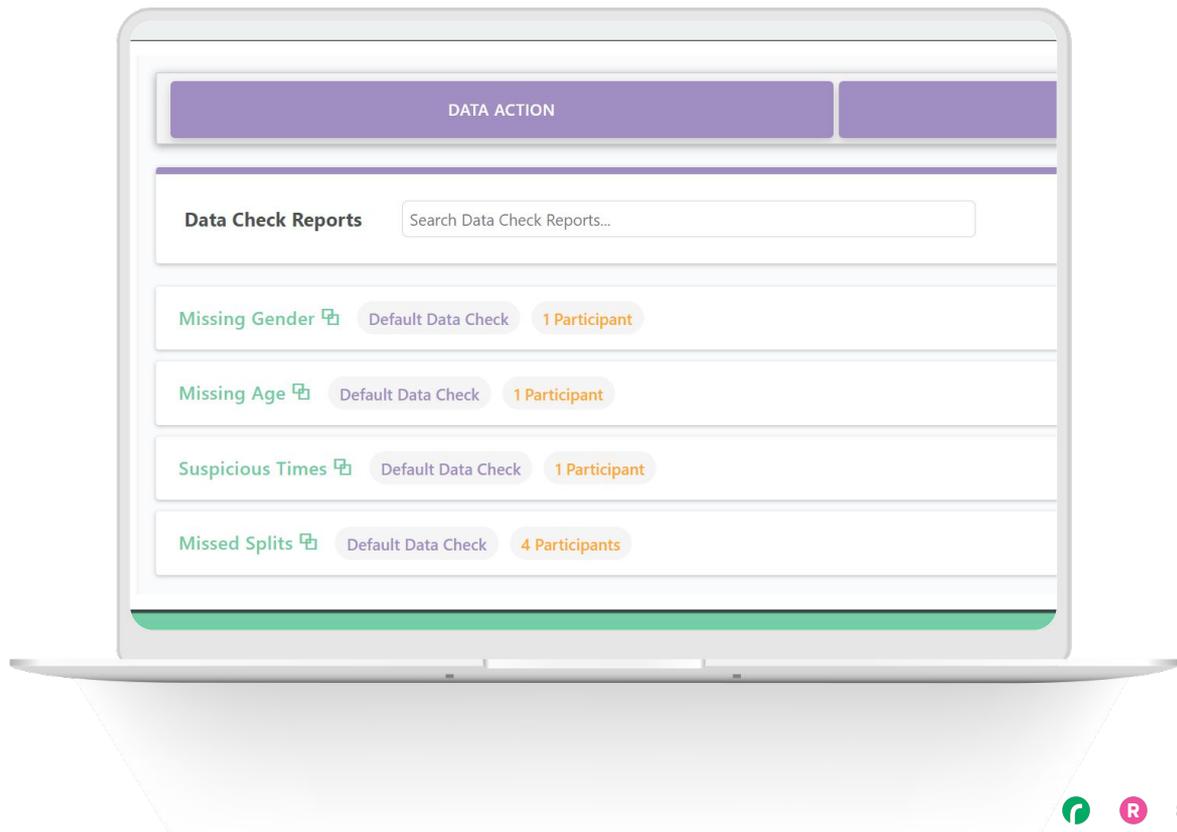
Default Data Checks





Default Data Checks

- Missing Gender
- Missing Age
- Suspicious Times
- Missed Splits





Suspicious Times

Data Check Report Configuration

Data Check Report Name

RESET TO DEFAULT

Participant Fields to Show

Fields to Display

Gender x Age x Scored Event x Bib x Clock Start Time of Day x Chip Start Time of Day x Finish Time of Day x Chip Time x Clock Time x Age Grade x

Standard Participant Search Filters

Field	Operation	Value
<input type="text" value="Age Grade"/>	<input type="text" value=">= (Is Greater Than)"/>	<input type="text" value="90"/>

ADD FILTER

- Uses Age Graded times to show anyone who ran extremely fast
- Default is Age Grade \geq 90%
- You can adjust this number as needed - perhaps you have a very fast field (increase) or a trail race (decrease)
- Great for catching people who registered for a longer distance but ran the shorter distance

Missed Splits

Participants

SEARCH UPDATE SELECTED SELECT ALL CLEAR ALL EXPORT ▼ SAVE

Event	Bib	Clock Start Time of Day	Chip Start Time of Day	Finish Time of Day	Chip Time	Clock Time	Missed Segments	Update Row
Marathon	468	5:57:44.0 AM	5:55:01.0 AM	10:45:31.2 AM	04:50:30.21	04:47:47.24	5K	<input checked="" type="checkbox"/>
Marathon	4196	5:57:44.0 AM	5:55:05.2 AM	8:12:45.2 AM	02:17:40.02	02:15:01.22	5K, 6.9M	<input type="checkbox"/>
Marathon	4106	5:57:44.0 AM	5:55:01.7 AM	8:13:22.1 AM	02:18:20.37	02:15:38.07	5K	<input checked="" type="checkbox"/>
Marathon	4097	5:57:44.0 AM	5:55:02.6 AM	8:13:31.6 AM	02:18:29.05	02:15:47.61		<input type="checkbox"/>

< 1 of 1 >

Data Check Report Configuration

Data Check Report Name

Missed Splits RESET TO DEFAULT

Participant Fields to Show

Fields to Display

Gender x Age x Scored Event x Bib x Clock Start Time of Day x Chip Start Time of Day x Finish Time of Day x Chip Time x Clock Time x Missed Segments x

Standard Participant Search Filters

Field Operation Value

Missed Segments Is Not Null (Is not)

ADD FILTER

- Requires segments to be created
- If an earlier segment is not completed, but a later segment gets a read the system knows there is a missed segment
- Can filter for specific segments (Use “Contains” in the operation) or exclude others
- Great to see if a participant just missed a read, or maybe missed an entire segment of the course
- Can help determine if something is wrong on-course (everyone is missing the 5M)



Upcoming Additions

- **Support import/export of Data Check Reports between races**
- **Ability to go to participant edit view from the Data Check Report**
- **Missing Start Read, but has Finish Read**
- **New area to view list of data checks from any screen (see next slide)**



Select a Race

RaceJoy

Reads

Auto-Saves

RaceDay Hub

Data Checks

Notifications: 0

GET HELP



MERCY HEALTH GLASS CITY MARATHON (Time Zone: America/New_York) LOG IN

Over a week ago



Top 5 Gender Leaderboards

Scored Event: SAVAGE 5K

TOP 5 MALES TOP 5 FEMALES TOP 5 NON-BINARY

Male			
Place	Name	Bib	Chip Time
1	Eric Westog	7830	15:11.41
2	Austin Remick	7833	15:15.72
3	Daniel Garza	7783	16:19.75
4	Adam Audet	7670	16:36.32
5	Matt Folk	7651	16:43.73

Recent Reads at Finish-Sun FULL SCREEN

Name	Scored Event	Bib	Oc. #	Time
------	--------------	-----	-------	------

Recent Reads at Start-Sat FULL SCREEN

Name	Scored Event	Bib	Oc. #	Time
Nicholas Bratt	SAVAGE 5K	7222	1	08:34:33.09
Abigail Bratt	SAVAGE 5K	7227	1	08:34:33.05
Danielle Czech	SAVAGE 5K	7332	1	08:34:29.01
Nicholas Czech	SAVAGE 5K	7331	1	08:34:27.59
Brian Weddelman	SAVAGE 5K	7952	1	08:34:26.67

Recent Reads at Finish-Sat FULL SCREEN

MERCY HEALTH GLASS CITY MARATHON Event / OWENS CORNING HALF MARATHON Event / 5-PERSON RELAY Event
Clock Time
Over a week ago

SAVAGE 5K Event Clock Time
Over a week ago

1 Corral / 2 Corral / 3 Corral / 4 Corral Clock Time
Over a week ago

Whealers Corral Clock Time
Over a week ago

Elites Corral Clock Time
Over a week ago

SET START TIMES

Race Statistics | 4 In Progress FULL SCREEN

Note: Stats only include mapped scored events, and participants & teams with bibs

Entire Race | 5553 Participants & Teams

First Estimated Overall Last Finisher Overall

Race Info

Race ID: 7
Date: 2024-04-27
Race Participants: 7,035
Timer Race ID: 43491
Show More

4,936

RAW READS

2981 IGNORED READS

CLEAR

RECALC.

Unknown Reads

1

Data Check Reports

49 Does Not Qualify for all Pacers
51 Drop Selected
6 DNQ Selected
6 Disqualified Selected
8 Looking for Guides
28 Missing Gender
28 Missing Age

Reads By Location

0

FINISH-SUN





Using Participant Search Filters





Participant Search Filters

Standard Participant Search Filters can select on any piece of Registration data, as well as Scoring data. For example, you can easily search for anyone whose “Age” \geq “40” and return everyone 40 and over, and you can also easily search for anyone whose “5K Split Occurrence 1 Time of Day” was \leq 7:15:00 AM.

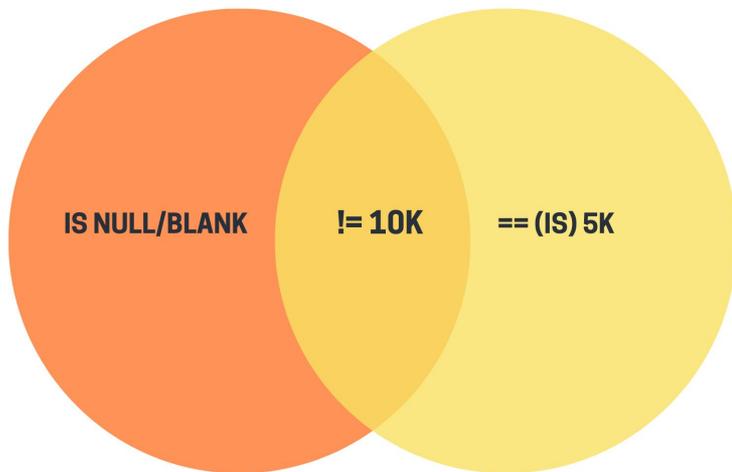
Keep in mind that Scored Event specific filters (such as 5K Split) would automatically not be looking at participants outside of the event they are set up for. You may have a 5K Split for the Half Marathon and a 5K Split for the Marathon, but they are technically not the same Field, because they are specific to the Scored Event they are set up for.

Great Standard Participant Search Filters to use include “Did Not Start” $==$ “No” (which would be everyone who started) and “Did Not Finish” $==$ “No” (which would be everyone who has a valid finish). These can help focus the report on just the participants you want to assess.



Operations

It's important to understand the Operation options when using these filters
For example, if you have a 5K and a 10K race, saying “==(Is)” “5K” is not the same as saying “!=(Is Not)” “10K”



Operation	Value
==(Is)	
!=(Is Not)	
< (Is Less than)	
<= (Is Less Than Or Equal To)	
> (Is Greater Than)	
>= (Is Greater Than Or Equal To)	
Is Null (Is Blank, Empty, or Does Not Exist)	
Is Not Null (Is not Blank or Empty, or Does Exist)	
Starts With	
Contains (Includes this Text)	

Always test your filters!!!



Using Raw Read Search Filters





Raw Read Participant Search Filters

Raw Read filters are exactly what they sound like - filters that operate on Raw Reads. Unlike the Standard Participant Search Filters, these may require several different selections - for example a **Timestamp** by itself needs to be tied to a **Location** or a **Stream Name** to be at all useful - saying “Timestamp” \geq “6:00:00 AM” would return ANYONE with a read after that time anywhere.

Field

Select... ▼

- Stream Name
- Timestamp
- Location
- Event
- Used
- Occurrence



Raw Read Participant Search Filters

It's important to understand that a **Timestamp** is ANY read that is seen for that filter. If you want to only see people with a Used Read on a location, you need to set a second Raw Read Filter that says

Used == (Is) Yes

The same is true for occurrences. It's best to test these conditions before using them, and also a good reminder as to why Data Actions can be dangerous (and Data Checks are your friends!)

Field

Select... ▼

- Stream Name
- Timestamp
- Location
- Event
- Used
- Occurrence



Examples





Wrong Start

This is a very simple pair of Data Check to look for participants who started with the wrong race.

The setup:

- **10K - starts at 8:00 AM**
 - “10K - Wrong Start” checks for anyone with a Chip Difference \geq 00:15:00.000
 - This would imply that the 10K runner started with the 5K
 - Update Participants would move these runners to the 5K
- **5K - starts at 8:15 AM**
 - “5K - Wrong Start” checks for anyone without a Chip Start who has a read between 8:00:00 AM and 8:05:00 AM implying that they ran the 10K
 - The Update Participant would Disqualify these participants, as there is a price difference between the races and dropping down is OK, but moving up is not
- ***Reminder - if you're deciding if you should move a participant or DQ them, it's always a good idea to confirm with the RD what the ruling is for those scenarios!***



Data Check Report Configuration

Data Check Report Name

10K - Wrong Start

DATA CHECK TEMPLATES

Participant Fields to Show

Fields to Display

Gender × Age × Scored Event × Bib × Clock Start Time of Day × Chip Start Time of Day × Finish Time of Day × Chip Time ×
Clock Time ×

Standard Participant Search Filters

Field

Registration Event

Operation

== (Is)

Value

10K

Field

Chip Difference

Operation

>= (Is Greater Than)

Value

Duration (HH:MM:SS.sss)
NOT time of day.

00:15:00.000

CLEAR

ADD FILTER

Standard Participant Search Filters

Field

Operation

Value

Field

Operation

Value

Duration (HH:MM:SS.sss)
NOT time of day.

CLEAR

ADD FILTER

Raw Read Participant Search Filters

Field

Operation

Value

Field

Operation

Value

Date

Time of Day (HH:MM:SS.sss)

SET TO CURRENT TIME

CLEAR

Field

Operation

Value

Date

Time of Day (HH:MM:SS.sss)

SET TO CURRENT TIME

CLEAR

ADD FILTER



Wrong Start

5K - Wrong Start - 1 Participant

SEARCH UPDATE SELECTED SELECT ALL CLEAR ALL EXPORT SAVE

Data Check Report Configuration

Name	Gender	Age	Scored Event	Bib	Clock Start Time of Day	Chip Start Time of Day	Finish Time of Day	Chip Time	Clock Time	Update Row
Hamilton Porter	M	25	5K	26	8:15:00.0 AM					<input type="checkbox"/>

< 1 of 1 >



Split Too Short

This Data Check is for a setup where a participant reads on a segment BEFORE their minimum time, implying that they shorted the course (or that the timer should adjust their minimum times)

- **Filter is looking for participants who have a missed split, but have an unused read at that location**
- **This is a cool way to use filters - because Segments are event specific, a Null segment in the Olympic Tri would also be Null segment in the Intermediate tri!**
- **Participant Search Filter is “Bike Is Null” and “Int.Tri Bike Is Null”**
- **Raw Read Search Filter is “Location is Bike Out-In” and “Occurrence < 2” and “Timestamp is not Null”**
 - It’s important to remember that Timestamps are ANY read, so setting a filter on this is important to keep out anyone who is reading as they put their bikes into transition
 - This also shows how
- ***Reminder - if you’re deciding if you should move a participant or DQ them, it’s always a good idea to confirm with the RD what the ruling is for those scenarios!***



Split Too Short

Standard Participant Search Filters

Field	Operation	Value
Bike Chip Time (ms)	Is Null (Is Blank, Error)	Duration (HH:MM:SS.sss) <i>NOT time of day.</i>
		--:--:--
		CLEAR
Int. Bike Chip Time (ms)	Is Null (Is Blank, Error)	Duration (HH:MM:SS.sss) <i>NOT time of day.</i>
		--:--:--
		CLEAR

ADD FILTER

Raw Read Participant Search Filters

Location	= (Is)	Bike Out-In
Occurrence	< (Is Less than)	2
Timestamp	>= (Is Greater Than)	Date: 03/15/2025 Time of Day (HH:MM:SS.sss): 07:00:00 AM
		SET TO CURRENT TIME CLEAR

ADD FILTER



Announcer Check

This Data Check is a way to see if someone has a read on the Announcer line, but not on the Finish line. Because most missed reads are caused by everyone's favorite "stopping the watch" move, those participants will likely have read on the announcer line prior to the finish as they aren't covering their bib there.

- This is set up by looking for reads on the Announcer line and for participants who have a Timestamp after 8:20:00 AM on the Announcer line and for who "Did Not Finish == Yes"
- The Announcer Line is not set up as a segment, which is a big time saver
- This is something that can be extrapolated to use for checking Mobile Timing/Backup reads for participants who missed on the finish if using a Split
 - When doing this check, it is best to create a Data Action that fills in a Custom Field so that any later read on the Main line that is used incorrectly won't remove them from the report
 - Remember that Timestamps are essential to eliminate reads pre-start, or event select "Used == Yes"



Announcer Check

Participant Fields to Show

Fields to Display

Gender x Age x Scored Event x Bib x Clock Start Time of Day x Chip Start Time of Day x Finish Time of Day x Chip Time x
Clock Time x

Standard Participant Search Filters

Field	Operation	Value
Did Not Finish	== (Is)	Yes

ADD FILTER

Raw Read Participant Search Filters

Location	== (Is)	Announcer
Timestamp	>= (Is Greater Than)	Date: 01/01/2026 Time of Day (HH:MM:SS.sss): 08:20:00 AM

SET TO CURRENT TIME CLEAR

ADD FILTER



Course Record

This is a very simple, Event- and Gender-specific check to see if a Course Record has been broken.

- The Participant Search is important here - since looking for a Women's Course Record should not include Male participants. Scored Event should be set up (in this example it's a 10K) and Gender should be set up as well (in this case it's Male)
- The other search is for anyone with a Chip Time $\leq 27:12$
- Because this needs to be repeated for other genders and distances, this is a great time to use the "Duplicate" feature!



Course Record

Standard Participant Search Filters

Field	Operation	Value	
Scored Event	== (Is)	10K	×
Gender	== (Is)	Male	×
10K Entire Race Clock Time (ms)(Non...	<= (Is Less Than C	Duration (HH:MM:SS.sss) NOT time of day. 0:27:12.000	×

[CLEAR](#)

[ADD FILTER](#)



Course Record

Data Check Reports NEW DATA CHECK REPORT

10K - Wrong Start	1 Participant	EXPORT ▼	DUPLICATE
5K - Wrong Start	1 Participant	EXPORT ▼	DUPLICATE
Men's 10K Course Record	1 Participant	EXPORT ▼	DUPLICATE





Course Record

Men's 10K Course Record (Copy) - 0 Participants

SEARCH UPDATE SELECT CLEAR EXPORT SAVE
ALL ALL

Data Check Report Configuration

Data Check Report Name
Men's 10K Course Record (Copy)

Participant Fields to Show

Fields to Display
Gender x Age x Scored Event x Bib x Clock Start Time of Day x Chip Start Time of Day x Finish Time of Day x Chip Time x
Clock Time x

Standard Participant Search Filters

Field	Operation	Value	
Scored Event	== (Is)	10K	X
Gender	== (Is)	Male	X
10K Entire Race Clock Time (ms)(Non...	<= (Is Less Than C	Duration (HH:MM:SS.sss) NOT time of day. 0:27:12.000	X

Questions?



..

Thank You For Joining Us Today





Section Title Goes Here

Subtitle Goes Here

- Section Title for Topic Number One
- Section Title for Topic Number Two
- Section Title for Topic Number Three
- Section Title for Topic Number Four
- Section Title for Topic Number Five





Headline Goes Here
Roboto Normal 40pt
Roboto Black 40pt

Subtitle Goes Here • Roboto Italic 15pt



Today's Agenda

Subtitle Goes Here

- Section Title for Topic Number One
- Section Title for Topic Number Two
- Section Title for Topic Number Three
- Section Title for Topic Number Four
- Section Title for Topic Number Five
- Section Title for Topic Number Six
- Section Title for Topic Number Seven



Section Title Goes Here

Subtitle Goes Here

- Section Title for Topic Number One
- Section Title for Topic Number Two
- Section Title for Topic Number Three
- Section Title for Topic Number Four
- Section Title for Topic Number Five





Hear From Our Customers

“Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris nec arcu orci. Curabitur aliquet, felis id varius sodales, odio turpis dignissim eros, et ultricies purus erat non elit. Sed purus magna, efficitur euismod est condimentum, tincidunt eleifend odio. Phasellus sed dolor quis est mattis facilisis in non tortor. Pellentesque ex nibh, eleifend sed urna et, mattis interdum diam.”

Jane Doe • Job Title Goes Here
Company Name Goes Here

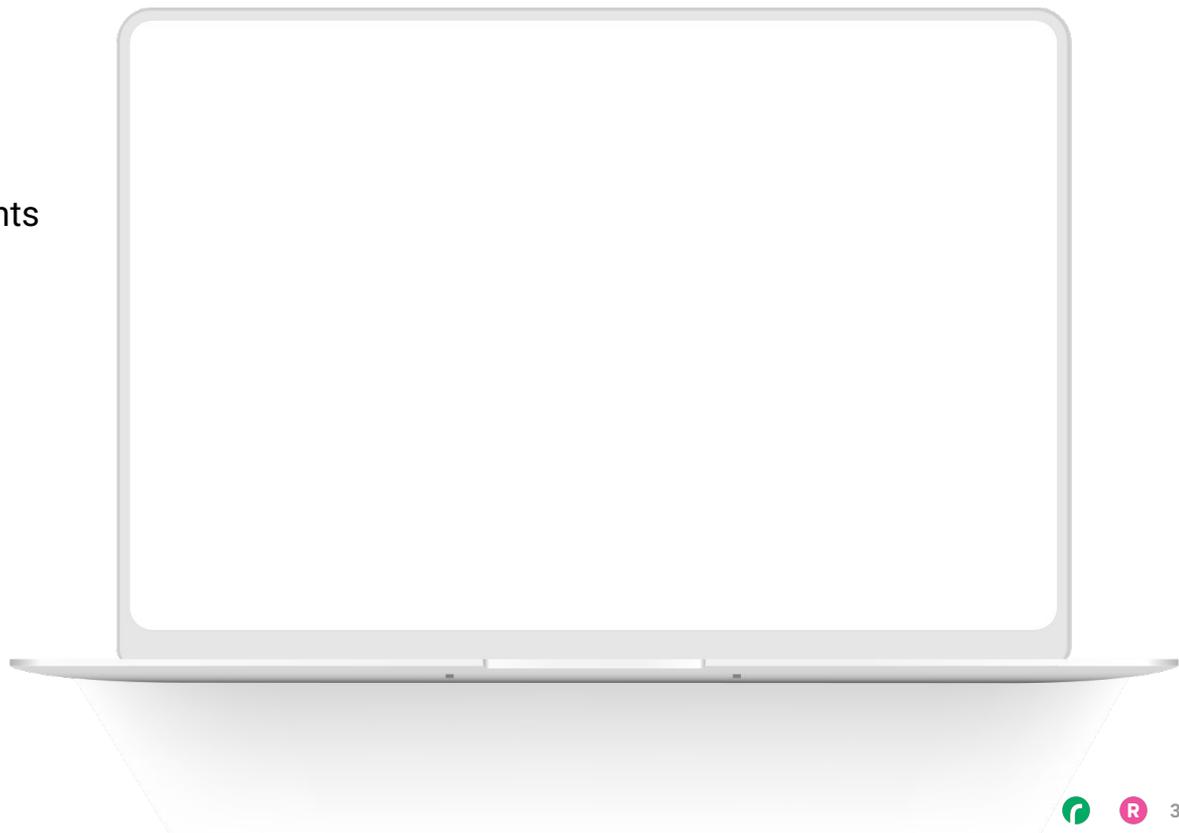


Page Title Goes Here

Subtitle Goes Here

A couple of short sentences or bullet points about the displayed screenshot go here.

Limit the number of words for maximum retention.



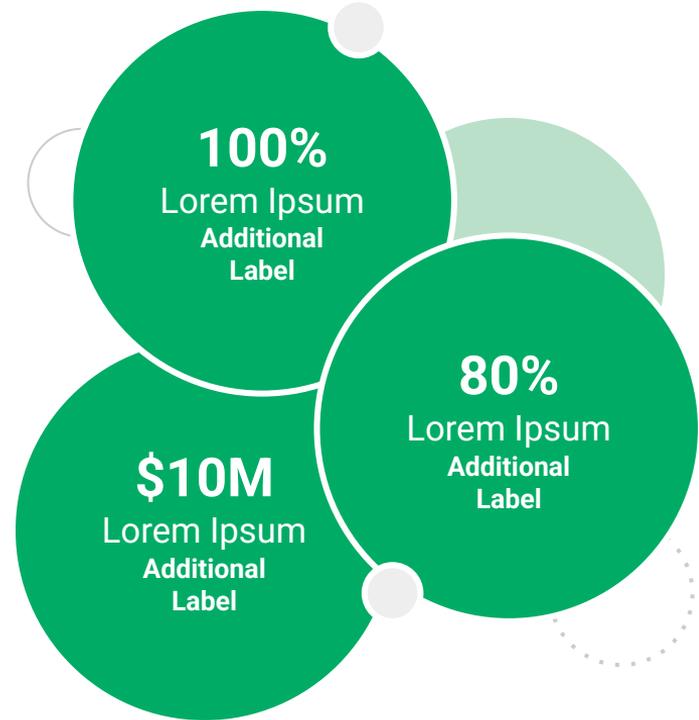
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Subtitle Goes Here

Content Label

Topic Title Goes Here:

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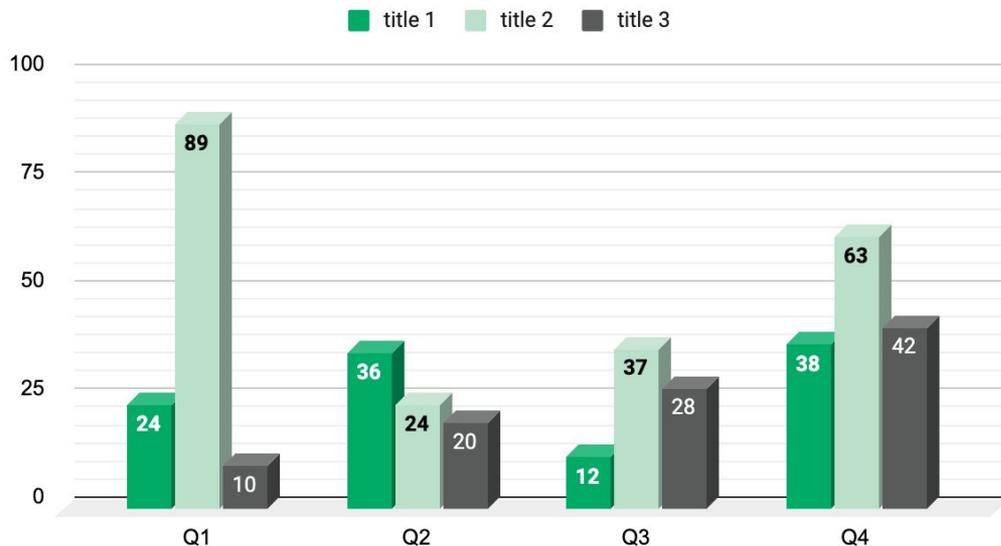
Subtitle Goes Here

Content Label

Topic Title Goes Here

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- Lorem ipsum dolor sit amet

Graph Title Goes Here



Page Title Goes Here

Subtitle Goes Here

This layout is for use with two columns of text and no images or screenshots.

- This layout is best for content with short, bulleted list items
- Use as little text as possible
- Slides should be a visual aid to what you're saying

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Page Title Goes Here

Subtitle Goes Here

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Graphic Elements For Use

*Use these graphics to create your own layouts
and add dynamic content to your pages*

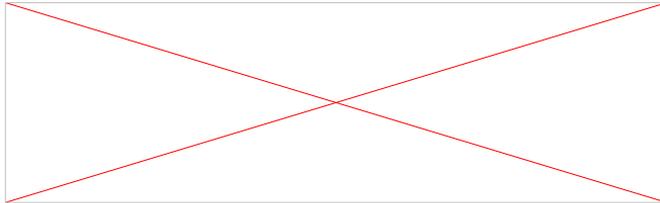
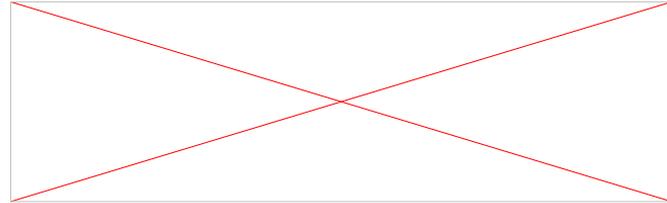
- New Logos
- Icons
- Stat Bubbles
- Basic Charts & Graphs
- Screenshot Photography
- Live Event Photography



Main Logos



RaceDay Suite Logos



General Icons



RaceDay Icons

Generic



Users • Customers • People



Payments



Swag Store



Endurance Events



RunSignup Icons

Generic



Users • Customers • People



Payments



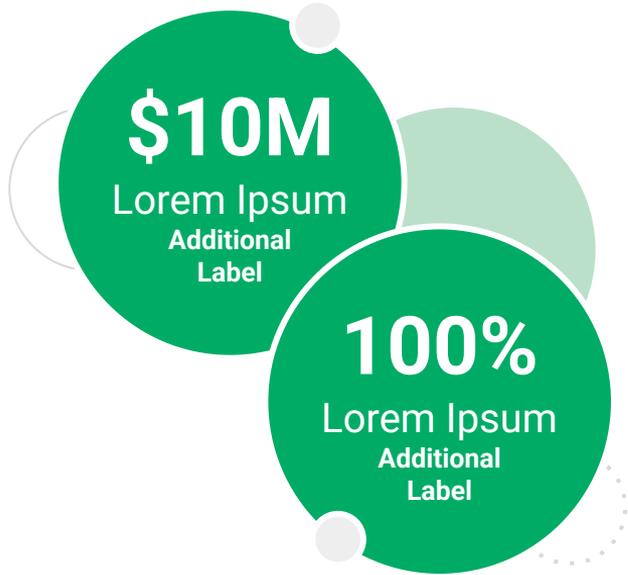
Swag Store



Endurance Events



Stat Bubbles



Stat Bubbles

**Lorem
ipsum dolor
sit amet,
consectetur
adipiscing elit.**
Sed cursus ante
dapibus diam.

\$10M
Lorem Ipsum
Additional
Label

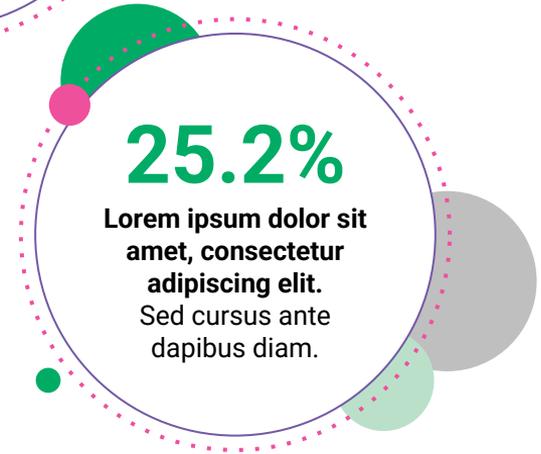
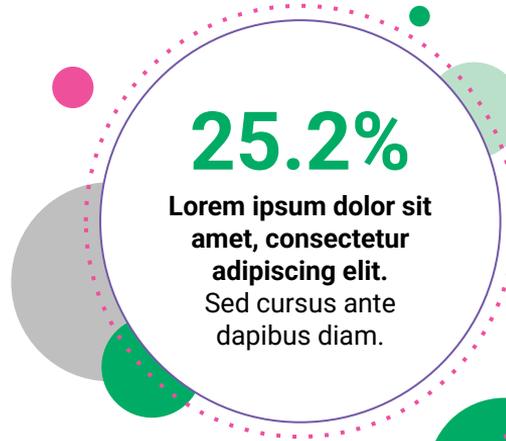
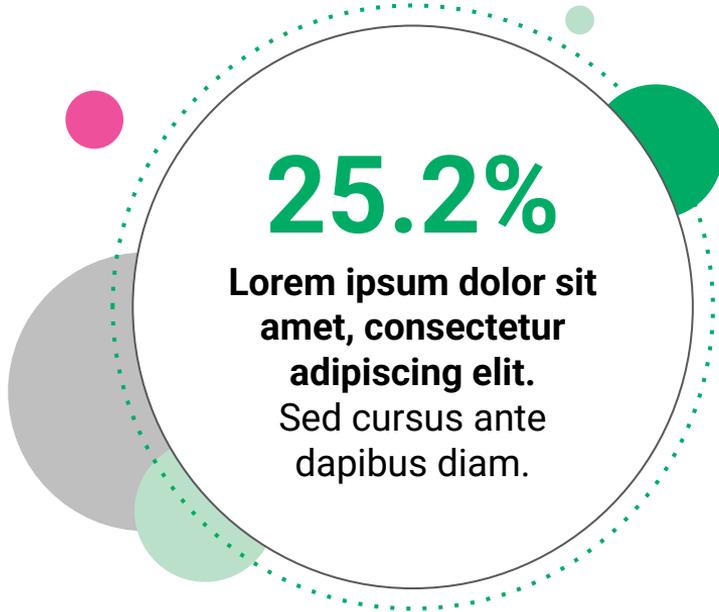
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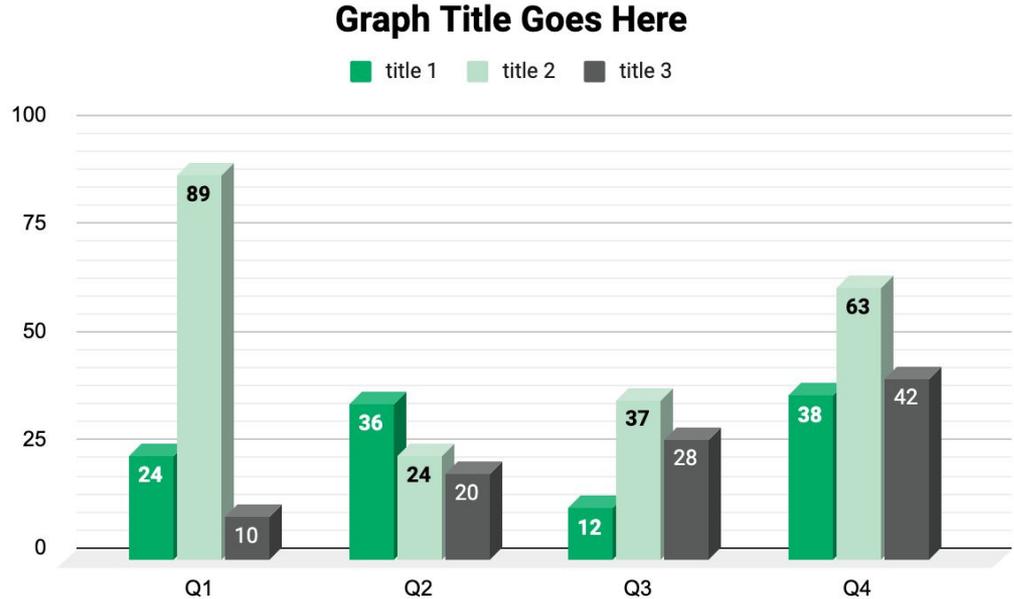
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Stat Bubbles



Basic Charts & Graphs

Chart Title				
Section Title				
Data Title	Data Title	Data Title	Data Title	Data Title
XX	XX	XX	XX	XX
XX	XX	XX	XX	XX
XX	XX	XX	XX	XX
Section Title				
Data Title	Data Title	Data Title	Data Title	Data Title
XX	XX	XX	XX	XX
XX	XX	XX	XX	XX
XX	XX	XX	XX	XX



Screenshot Photography

Use this layout to showcase product screenshots for desktop

To insert an image:

- Click on the icon on the laptop
- Select “Upload from computer”
- Click through to where your image file is located on your computer, select the file, and hit enter.



Screenshot Photography

Use this layout to showcase product screenshots for mobile

To insert an image:

- Click on the icon on the mobile device
- Select “Upload from computer”
- Click through to where your image file is located on your computer, select the file, and hit enter.



Screenshot Photography

Use this layout to showcase product screenshots for desktop + mobile

To insert an image:

- Click on the icon on the laptop
- Select “Upload from computer”
- Click through to where your image file is located on your computer, select the file, and hit enter.



Screenshot Photography

*Use these devices to
create your own layout(s)*



Live Photography

