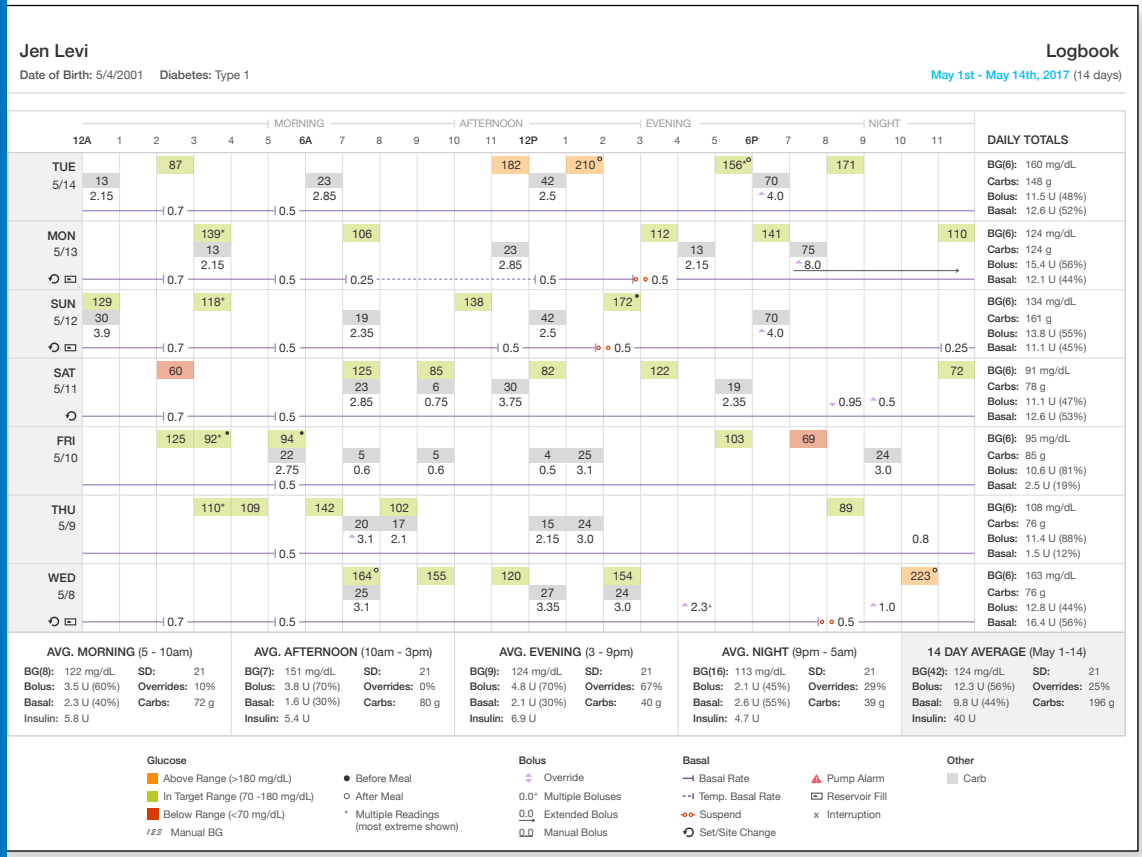
THE LOGBOOK REPORT



Jen Levi

Date of Birth: 5/4/2001 Diabetes: Type 1

Logbook

May 1st - May 14th, 2017 (14 days)

MORNING | AFTERNOON | EVENING | NIGHT

12A 1 2 3 4 5 6A 7 8 9 10 11 12P 1 2 3 4 5 6P 7 8 9 10 11

DAILY TOTALS

TUE 5/14
13 | 87 | 23 | 182 | 42 | 210° | 156*° | 70 | 171 | 2.15 | 0.7 | 0.5 | 2.85 | 2.5 | 4.0
BG(6): 160 mg/dL
Carbs: 148 g
Bolus: 11.5 U (48%)
Basal: 12.6 U (52%)

MON 5/13
139* | 13 | 106 | 23 | 112 | 13 | 141 | 75 | 110 | 2.15 | 0.7 | 0.5 | 0.25 | 2.85 | 0.5 | 0.5 | 2.15 | 8.0
BG(6): 124 mg/dL
Carbs: 124 g
Bolus: 15.4 U (56%)
Basal: 12.1 U (44%)

SUN 5/12
129 | 30 | 3.9 | 118* | 19 | 2.35 | 138 | 42 | 2.5 | 172* | 70 | 4.0 | 0.7 | 0.5 | 0.5 | 0.5 | 0.25
BG(6): 134 mg/dL
Carbs: 161 g
Bolus: 13.8 U (55%)
Basal: 11.1 U (45%)

SAT 5/11
60 | 125 | 23 | 2.85 | 85 | 6 | 0.75 | 82 | 30 | 3.75 | 122 | 19 | 2.35 | 72 | 0.95 | 0.5 | 0.7 | 0.5
BG(6): 91 mg/dL
Carbs: 78 g
Bolus: 11.1 U (47%)
Basal: 12.6 U (53%)

FRI 5/10
125 | 92* | 94* | 22 | 2.75 | 0.5 | 5 | 0.6 | 5 | 0.6 | 4 | 0.5 | 25 | 3.1 | 103 | 69 | 24 | 3.0
BG(6): 95 mg/dL
Carbs: 85 g
Bolus: 10.6 U (81%)
Basal: 2.5 U (19%)

THU 5/9
110* | 109 | 142 | 20 | 3.1 | 102 | 17 | 2.1 | 15 | 2.15 | 24 | 3.0 | 89 | 0.8 | 0.5
BG(6): 108 mg/dL
Carbs: 76 g
Bolus: 11.4 U (88%)
Basal: 1.5 U (12%)

WED 5/8
164° | 25 | 3.1 | 155 | 120 | 27 | 3.35 | 154 | 24 | 3.0 | 223° | 2.3+ | 1.0 | 0.7 | 0.5 | 0.5
BG(6): 163 mg/dL
Carbs: 76 g
Bolus: 12.8 U (44%)
Basal: 16.4 U (56%)

AVG. MORNING (5 - 10am)
BG(8): 122 mg/dL SD: 21
Bolus: 3.5 U (60%) Overrides: 10%
Basal: 2.3 U (40%) Carbs: 72 g
Insulin: 5.8 U

AVG. AFTERNOON (10am - 3pm)
BG(7): 151 mg/dL SD: 21
Bolus: 3.8 U (70%) Overrides: 0%
Basal: 1.6 U (30%) Carbs: 80 g
Insulin: 5.4 U

AVG. EVENING (3 - 9pm)
BG(9): 124 mg/dL SD: 21
Bolus: 4.8 U (70%) Overrides: 67%
Basal: 2.1 U (30%) Carbs: 40 g
Insulin: 6.9 U

AVG. NIGHT (9pm - 5am)
BG(16): 113 mg/dL SD: 21
Bolus: 2.1 U (45%) Overrides: 29%
Basal: 2.6 U (55%) Carbs: 39 g
Insulin: 4.7 U

14 DAY AVERAGE (May 1-14)
BG(42): 124 mg/dL SD: 21
Bolus: 12.3 U (56%) Overrides: 25%
Basal: 9.8 U (44%) Carbs: 196 g
Insulin: 40 U

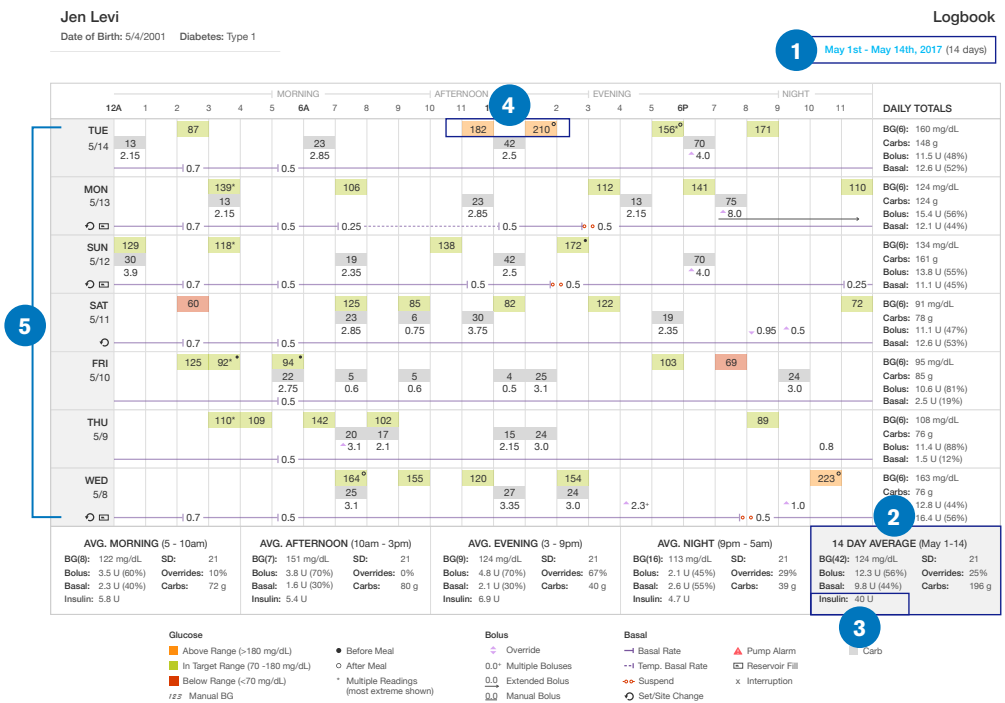
Glucose
- Above Range (>180 mg/dL)
- In Target Range (70 -180 mg/dL)
- Below Range (<70 mg/dL)
- 123 Manual BG
- Before Meal
- After Meal
- * Multiple Readings (most extreme shown)

Bolus
- Override
- 0.0* Multiple Boluses
- 0.0 Extended Bolus
- 0.0 Manual Bolus

Basal
- Basal Rate
- Temp. Basal Rate
- Suspend
- Set/Site Change
- Pump Alarm
- Reservoir Fill
- x Interruption

Other
- Carb

The Logbook Report shows consolidated data including BG readings, insulin delivery, carb intake, and pod changes for a customized time frame.



FEATURES

1 Customized time frame

Example: May1 - May14 (14 days).

2 Glucose averages

Example: there were 42 BG readings recorded from May 1 - May 14, with an average reading of 124 mg/dL.

3 Average total daily dose (TDD)

Example: On average, 40 units of insulin were used per day from May 1 - May 14.

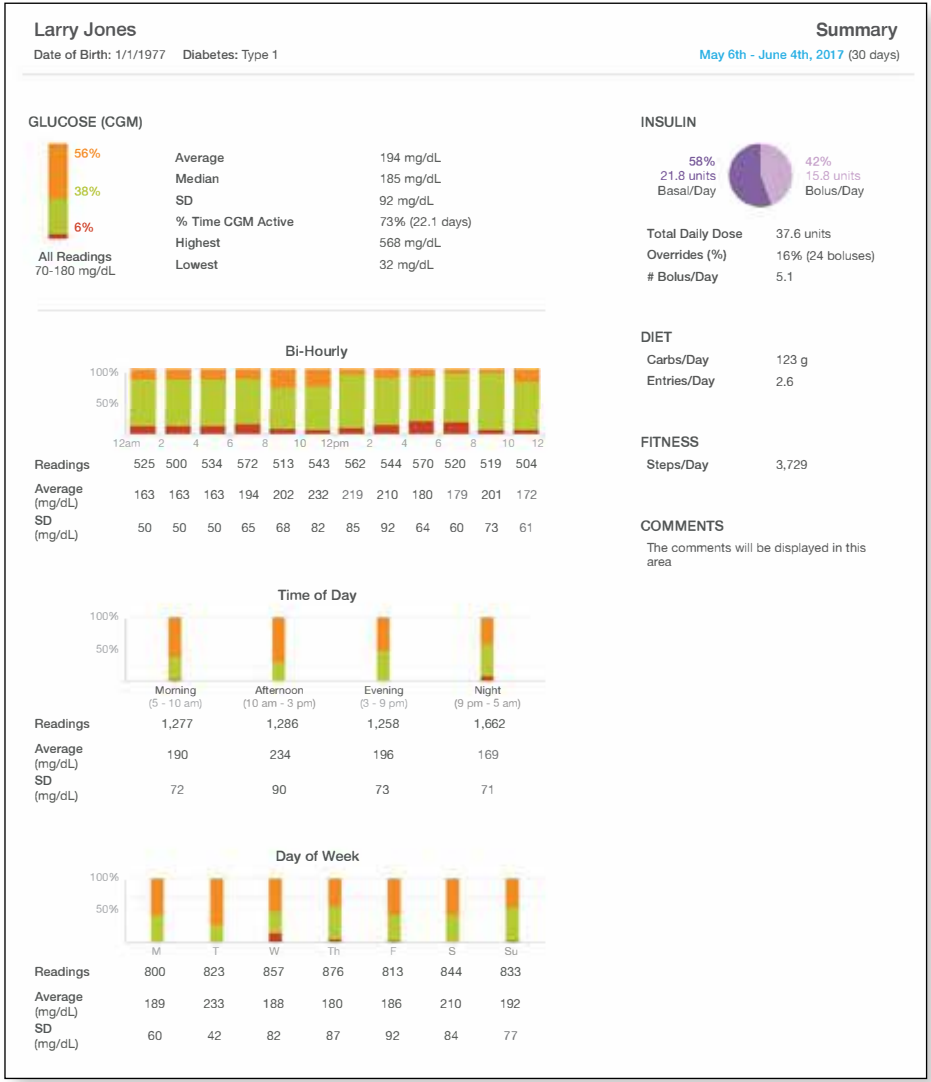
4 Color-coded blood glucose readings

Example: a reading that is above target range (182) was recorded around 11a.m. on Tuesday, May 14.

5 Customized time frame, with most recent day at the top

Example: Pod change on Mon 5/13.

THE SUMMARY REPORT



Larry Jones
Date of Birth: 1/1/1977 Diabetes: Type 1

Summary
May 6th - June 4th, 2017 (30 days)

GLUCOSE (CGM)

56%
38%
6%
All Readings
70-180 mg/dL

Average	194 mg/dL
Median	185 mg/dL
SD	92 mg/dL
% Time CGM Active	73% (22.1 days)
Highest	568 mg/dL
Lowest	32 mg/dL

INSULIN

58%
21.8 units
Basal/Day

42%
15.8 units
Bolus/Day

Total Daily Dose	37.6 units
Overrides (%)	16% (24 boluses)
# Bolus/Day	5.1

DIET

Carbs/Day	123 g
Entries/Day	2.6

FITNESS

Steps/Day	3,729

COMMENTS

The comments will be displayed in this area

Bi-Hourly

100%
50%
12am 2 4 6 8 10 12pm 2 4 6 8 10 12

	12am	2	4	6	8	10	12pm	2	4	6	8	10
Readings	525	500	534	572	513	543	562	544	570	520	519	504
Average (mg/dL)	163	163	163	194	202	232	219	210	180	179	201	172
SD (mg/dL)	50	50	50	65	68	82	85	92	64	60	73	61

Time of Day

100%
50%
Morning (5 - 10 am) Afternoon (10 am - 3 pm) Evening (3 - 9 pm) Night (9 pm - 5 am)

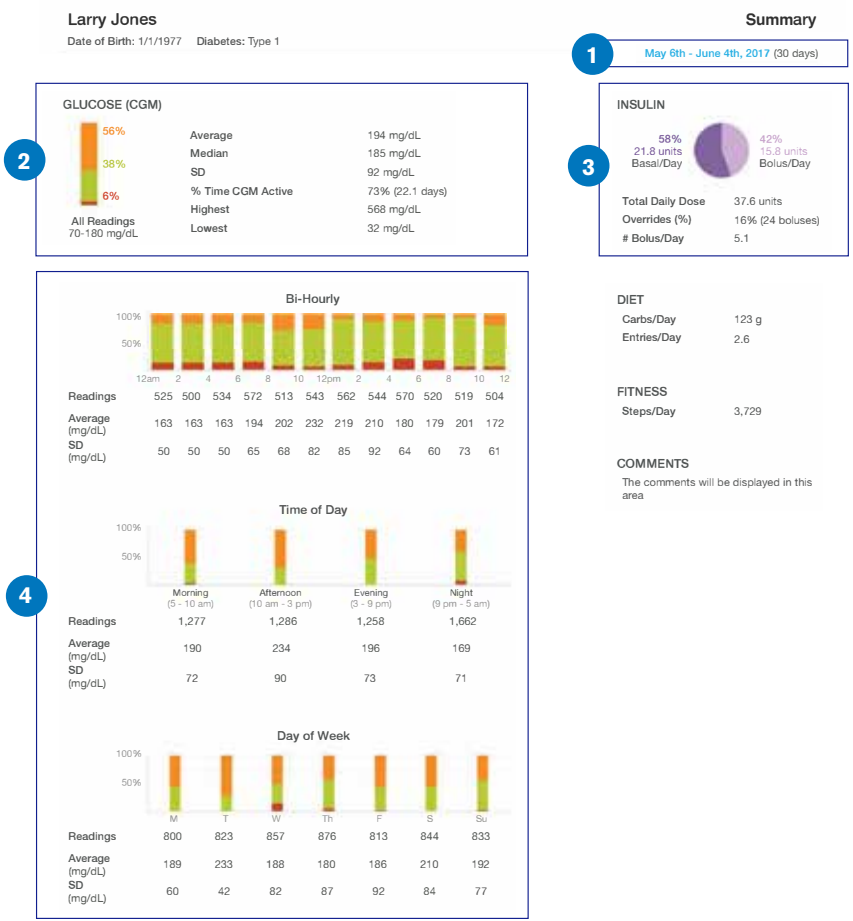
	Morning (5 - 10 am)	Afternoon (10 am - 3 pm)	Evening (3 - 9 pm)	Night (9 pm - 5 am)
Readings	1,277	1,286	1,258	1,662
Average (mg/dL)	190	234	196	169
SD (mg/dL)	72	90	73	71

Day of Week

100%
50%
M T W Th F S Su

	M	T	W	Th	F	S	Su
Readings	800	823	857	876	813	844	833
Average (mg/dL)	189	233	188	180	186	210	192
SD (mg/dL)	60	42	82	87	92	84	77

The Summary Report displays glucose readings that are above, below and in range, as well as the insulin delivery for the customized time frame.



FEATURES

1 Customized time frame

Example: May 6 - June 4 (30 days).

2 Glucose averages and statistics

Example: 6% of CGM readings between May 6 - June 4 are below range, with the lowest reading recorded as 32 mg/dL.

3 Insulin usage

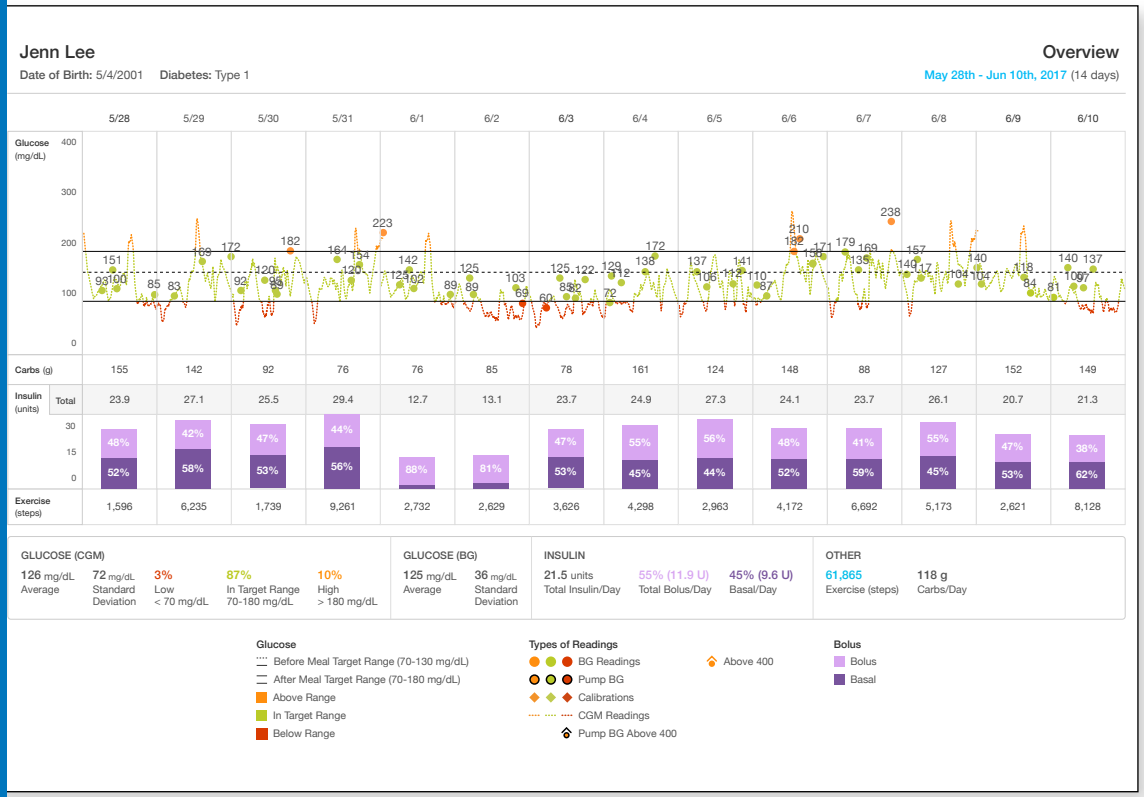
Example: On average, the daily insulin delivery breakdown between May 6 - June 4 is:
- Basal: 58% (21.8 units)
- Bolus: 42% (15.8 units)
- Total Daily Dose (TDD): 37.6 units

4 Glucose averages displayed in three different time segments

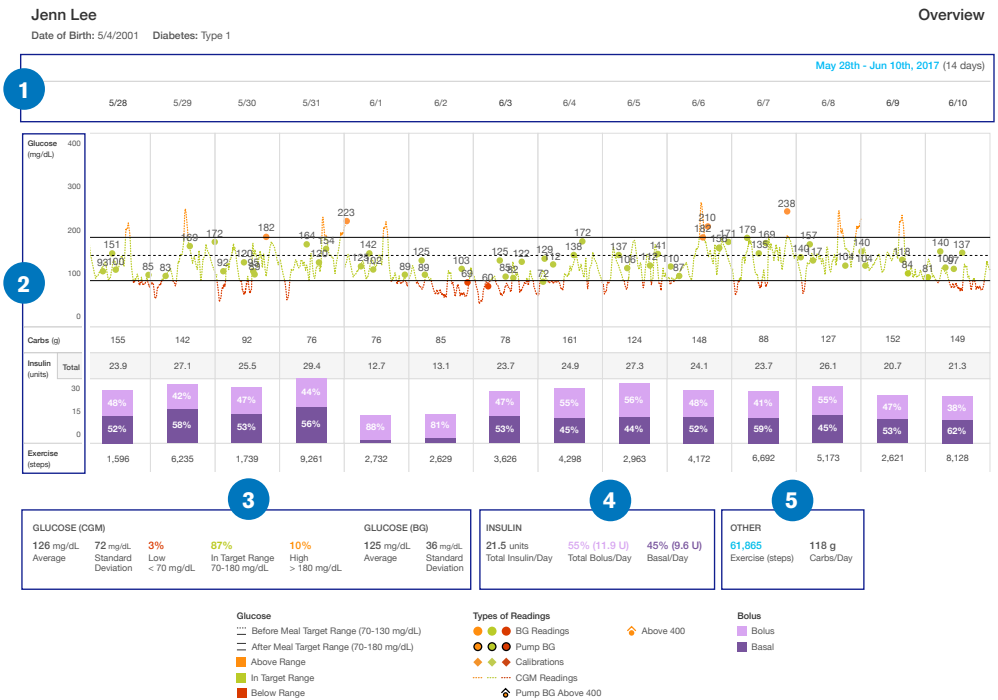
(bi-hourly, time of day, and day of week)

Example: In the bi-hourly time segment view, the average CGM reading recorded between 12 a.m. and 2 a.m. from May 6 - June 4 is 163.

THE OVERVIEW REPORT



The Overview Report shows consolidated daily data including BG and CGM readings, carb intake, insulin delivery and exercise *(if applicable)*.



FEATURES

1 Customized time frame

Example: May 28 - June 10 (14 days).

2 BG readings and CGM calibrations, overlaid with CGM trend line

3 Glucose averages and statistics

Example: 3% of CGM readings from May 28 - June 10 are below target range.

4 Insulin usage

Example: On average, 21.5 units of insulin were delivered per day from May 28 - June 10.

5 Additional information

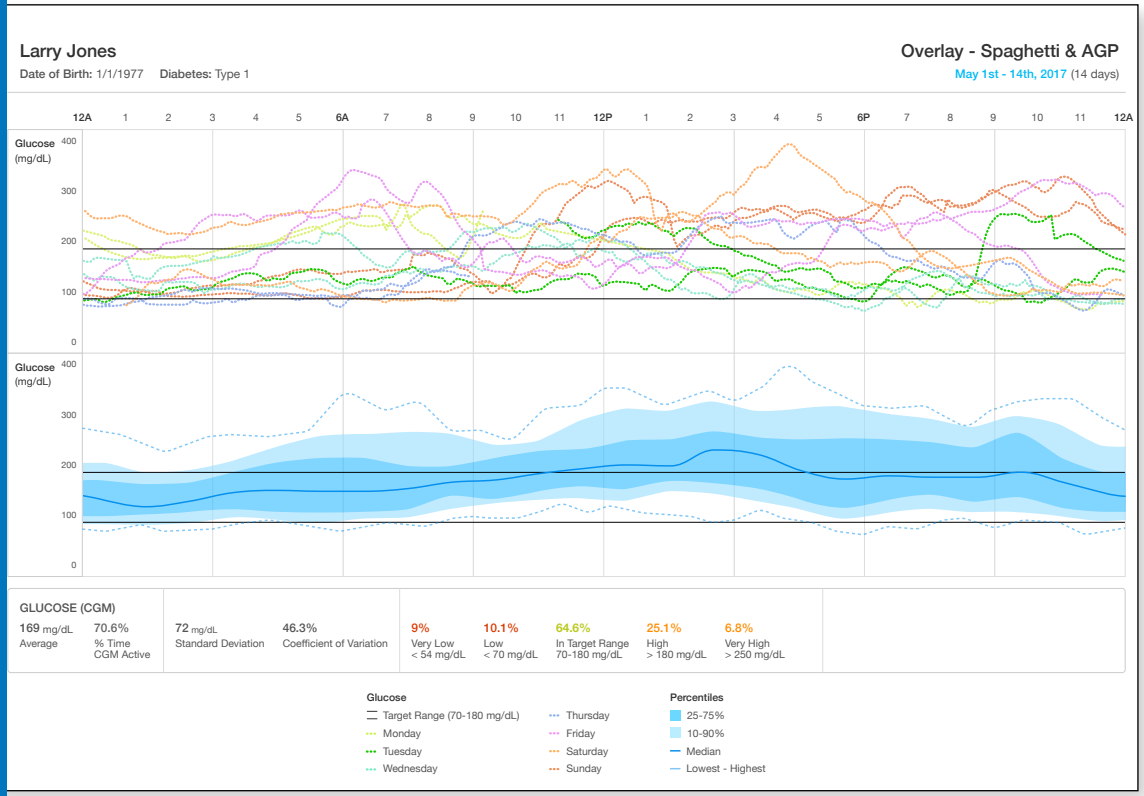
Note: steps available if user connects a compatible activity tracker

Example: On average, 118 grams of carbs were entered per day from May 28 - June 10.

THE OVERLAY REPORT–

Spaghetti and AGP

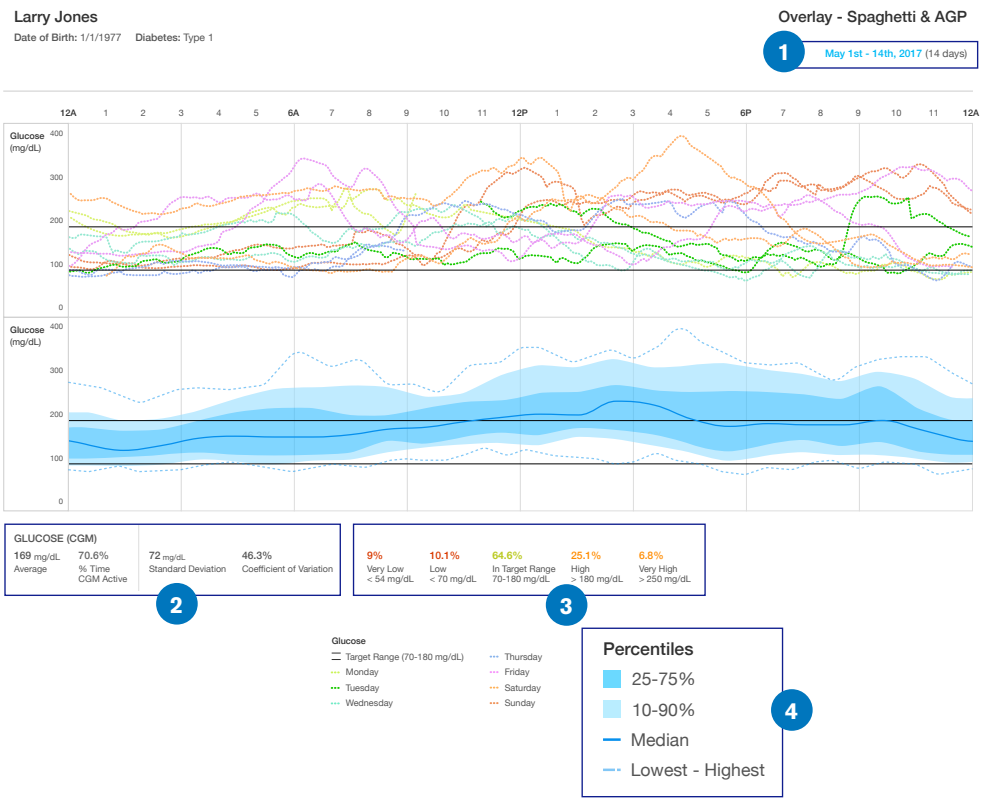
(for use with CGM)



The Overlay – Spaghetti & AGP Report shows:

Spaghetti Graph *(top)*: View CGM trend lines, color coded by each day of a customized time frame

Ambulatory Glucose Profile (AGP) Report *(bottom)*: View CGM readings from multiple days overlaid in a single, 24-hour view.



FEATURES

1 Customized time frame

Example: Report includes data from May 1 - May 14 (14 days).

2 Glucose averages and statistics

Example: The standard deviation based on the CGM data from May 1 - May 14 is 72 mg/dL.

3 Percent of time spent low, high and in range

Example: 9% of CGM readings from May 1 - May 14 were very low (lower than 54 mg/dL).

4 AGP Report Key

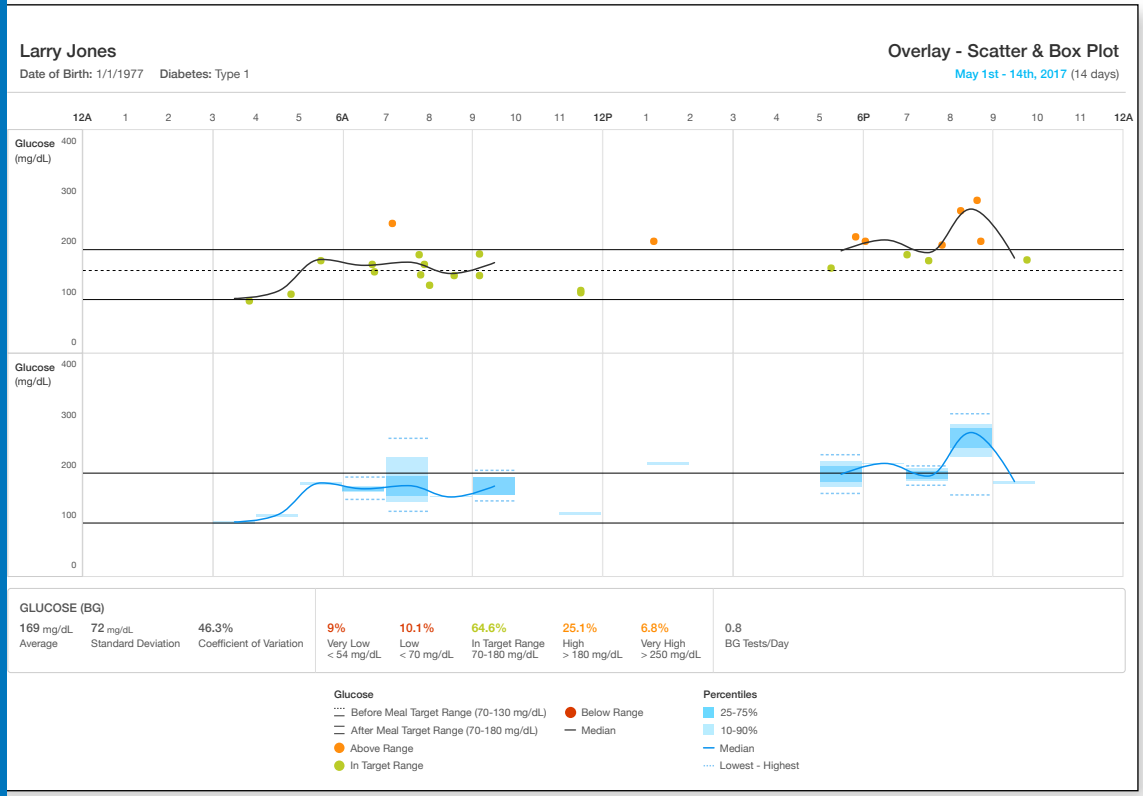
- **Dark blue line:** median curve, showing median glucose values at that time point
- **Darker shade:** 25th-75th percentile (IQR) showing half of all glucose readings
- **Lighter shade:** 10th-90th percentile which captures glucose excursions
- **Dotted lines:** lowest and highest readings at that time of day

Example: Based on the 14 days from May 1 - May 14, most readings around 3 p.m. were above target range.

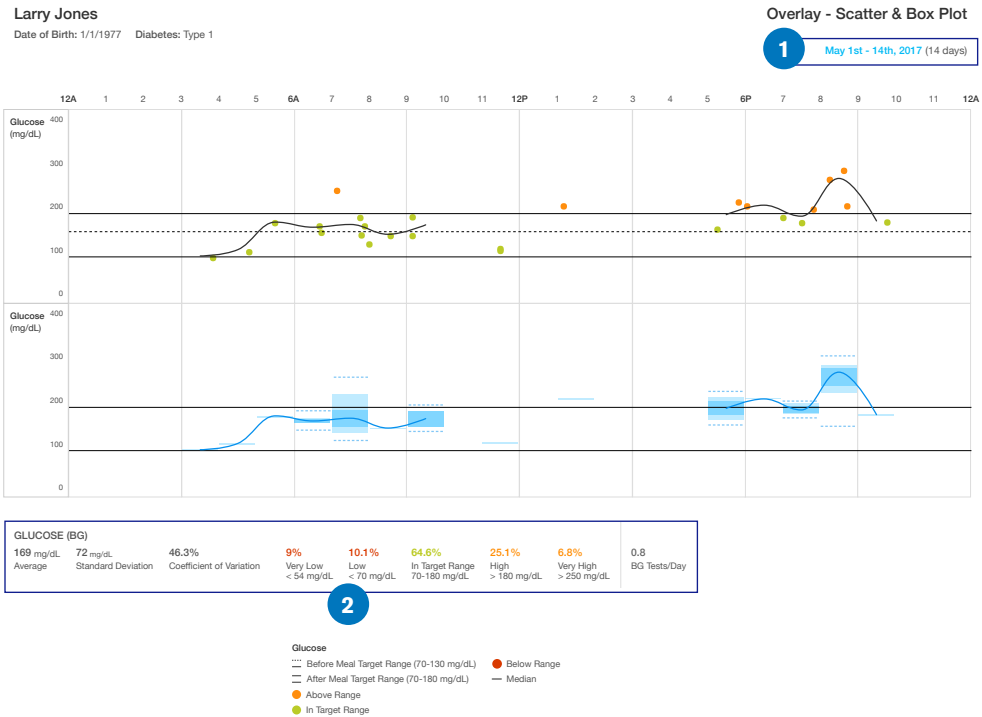
THE OVERLAY REPORT–

Scatter & Box Plot

(for SMBG)



The Overlay Scatter & Box Plot Report shows manual BG readings plotted by time of day, and color coded based on target range.



FEATURES

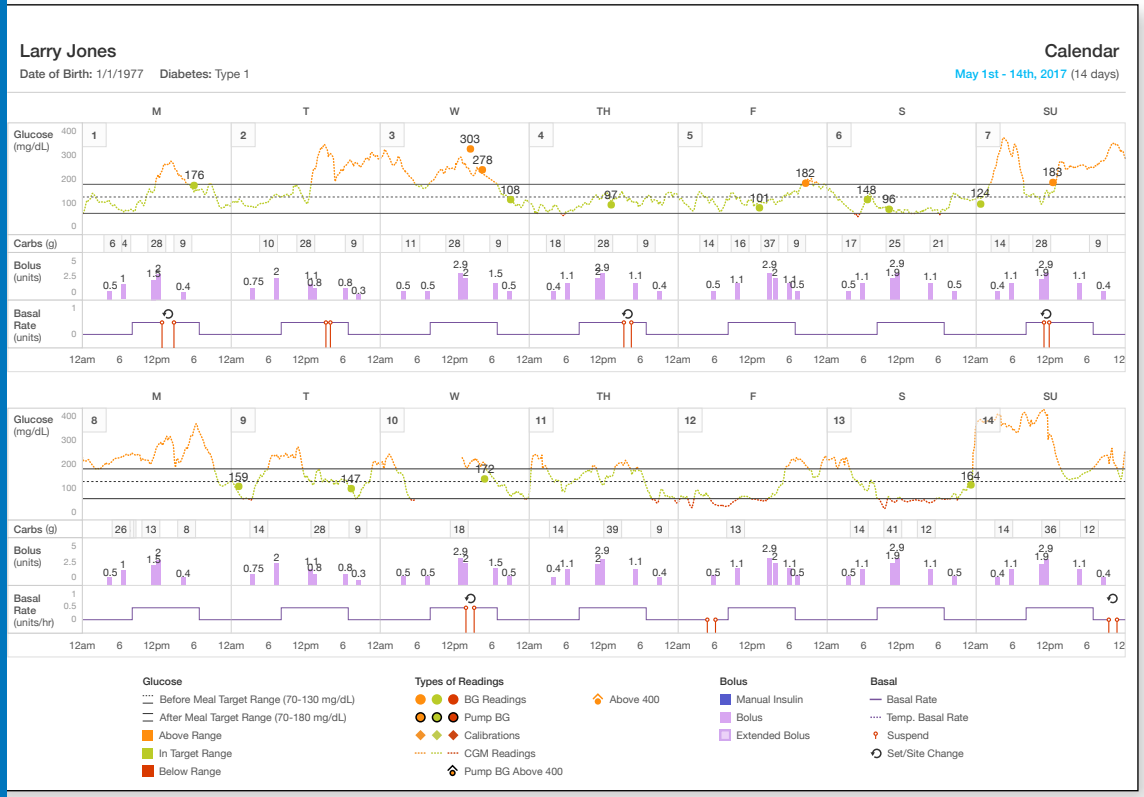
1 Customized time frame

Example: Report includes data from May 1 - May 14 (14 days).

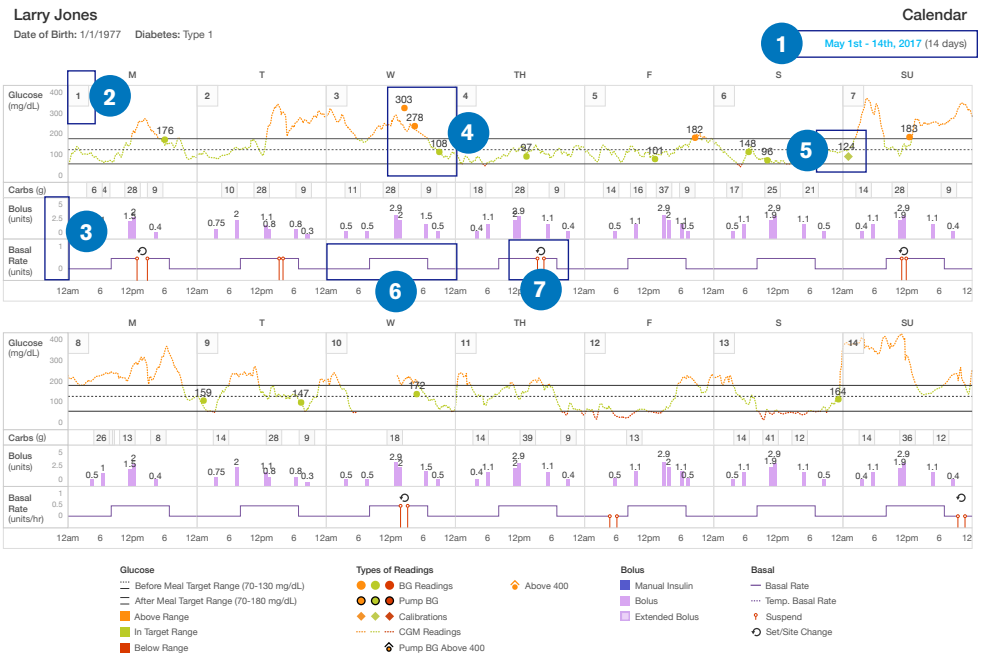
2 Glucose averages and statistics

Example: The average BG readings from the selected 14 days is 169.

THE CALENDAR REPORT



The Calendar Report shows consolidated daily data including BG and CGM readings and calibrations, carb intake, insulin delivery and pod changes.



FEATURES

1 Customized time frame
Example: Report includes data from May 1 - May 14 (14 days).

2 Day of the week
Example: data in this box is from May 1.

3 Bolus and basal unit scale

4 BG readings color-coded based on target range
Example: a BG reading above target range (303) was recorded on Wednesday, May 3.

5 CGM calibrations
Example: a CGM calibration was recorded the morning of Sunday, May 7.

6 Basal profile
Example: This line shows the basal profile from May 1 - May 7.

7 Pod change
Example: There was a pod change on Thursday, May 4 around 3 p.m.

How to Print and Store a PDF Report

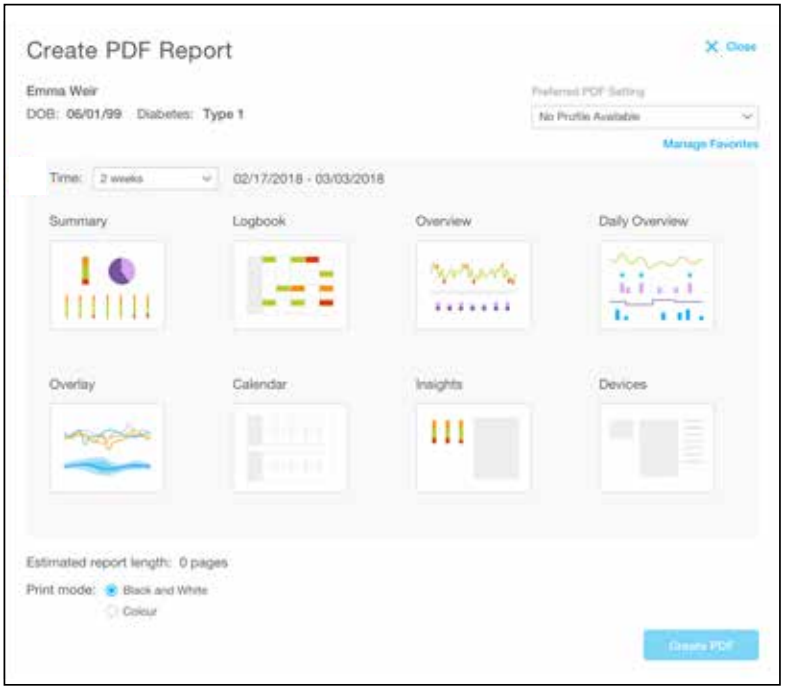
CREATE A REPORT:

From the Population Tracker:

1. Right click on a patient's name
2. Select **Print Report**
3. Choose desired reports and time frame
4. Click **Create**

From Patients Profile:

1. Click **Create Report** in the top right-hand corner
2. Choose desired reports and time frame
3. Click **Create**



STORE A REPORT:

Once the report is created, download it to your desktop. Then, either:

1. Upload the report to your EHR system.

   or

2. Print and scan the report to your EHR system.