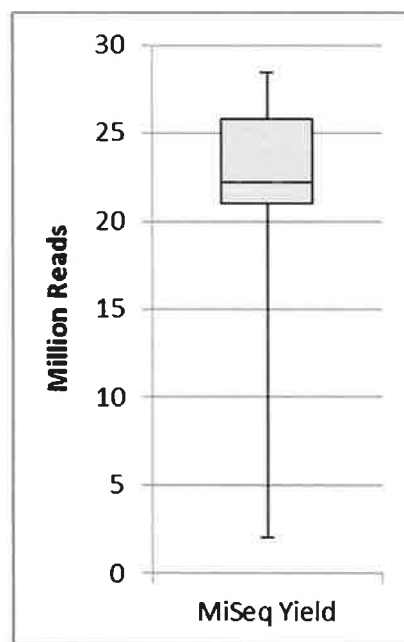
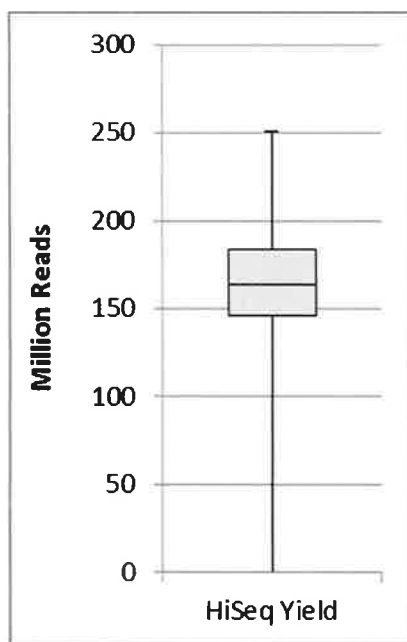


## Yield

HiSeq	
Total Lanes:	143 93
Average Yield:	164 Million 168 Million
Lanes under 100M:	7 5

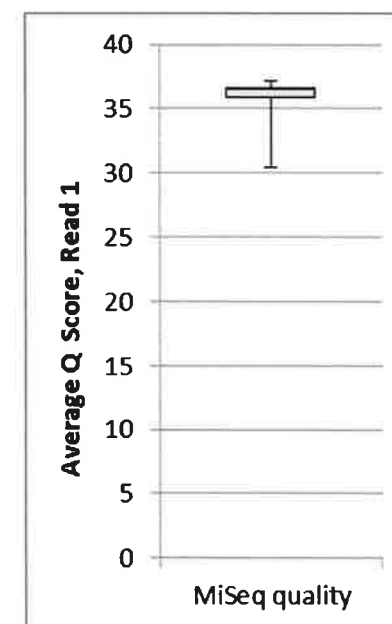
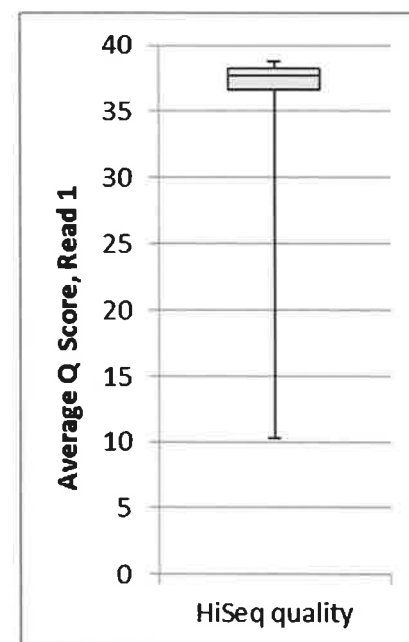
MiSeq	
Total Lanes:	18 13
Average Yield:	22 Million 23 Million
Lanes under 10M:	1 0



## Quality

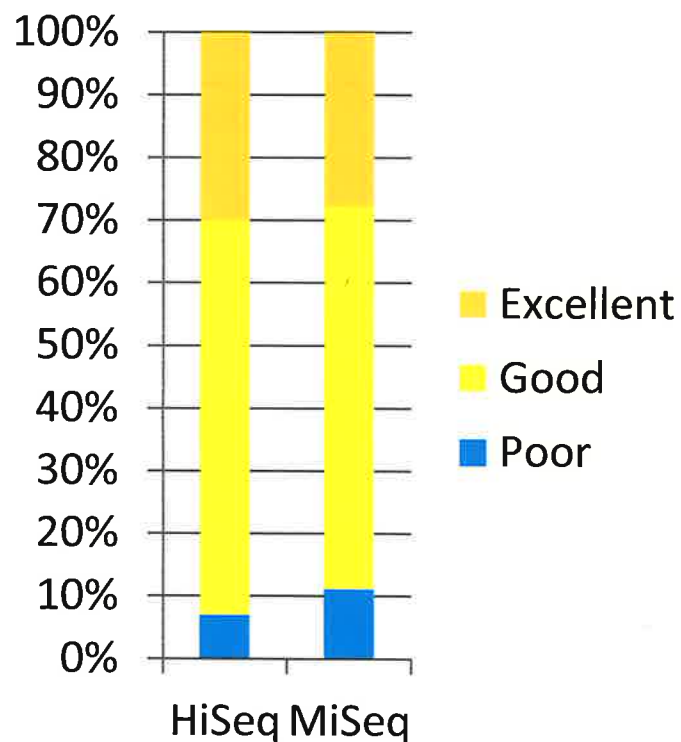
HiSeq	
Average Q Score, R1	36.9 36.8
No. Lanes Ave Q < 30	3 (2%) 1

MiSeq	
Average Q Score, R1	36.0 34.4
No. Lanes Ave Q < 30	0 (0%) 1



\* Values in blue reflect last month's metrics

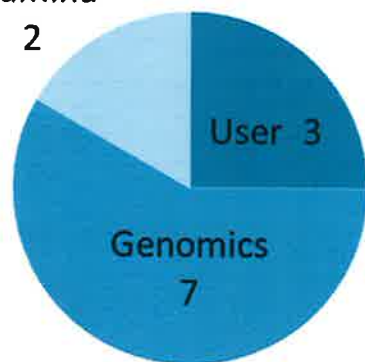
## Overall Quality



## Poor Lanes Breakdown

Illumina

2



**Do not Bill:  
4 lanes**

## Definitions

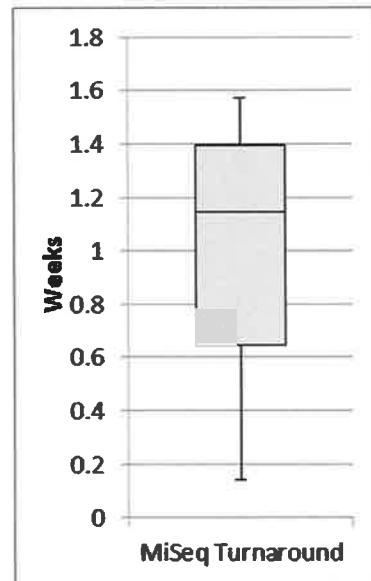
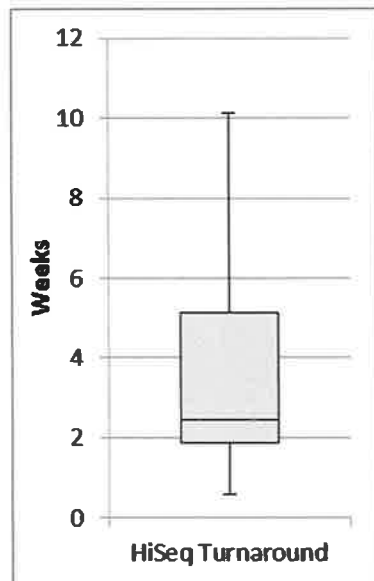
HiSeq	Excellent: All true	Poor: Any true
Yield	> 175	< 100
Error rate	< 0.5 or < 1.0	> 0.6 or > 1.5
Ave Q Score	> 35	< 30
% Bases >Q30	> 90%	< 80%
Cluster Density		< 400
% PF		< 50%

MiSeq	Excellent: All true	Poor: Any true
Yield	> 25	< 10
Error rate	< 1.0	> 1.5
Ave Q Score	> 35	< 30
% Bases >Q30	> 90%	< 80%
Cluster Density		< 400
% PF		< 50%

# Turnaround Time

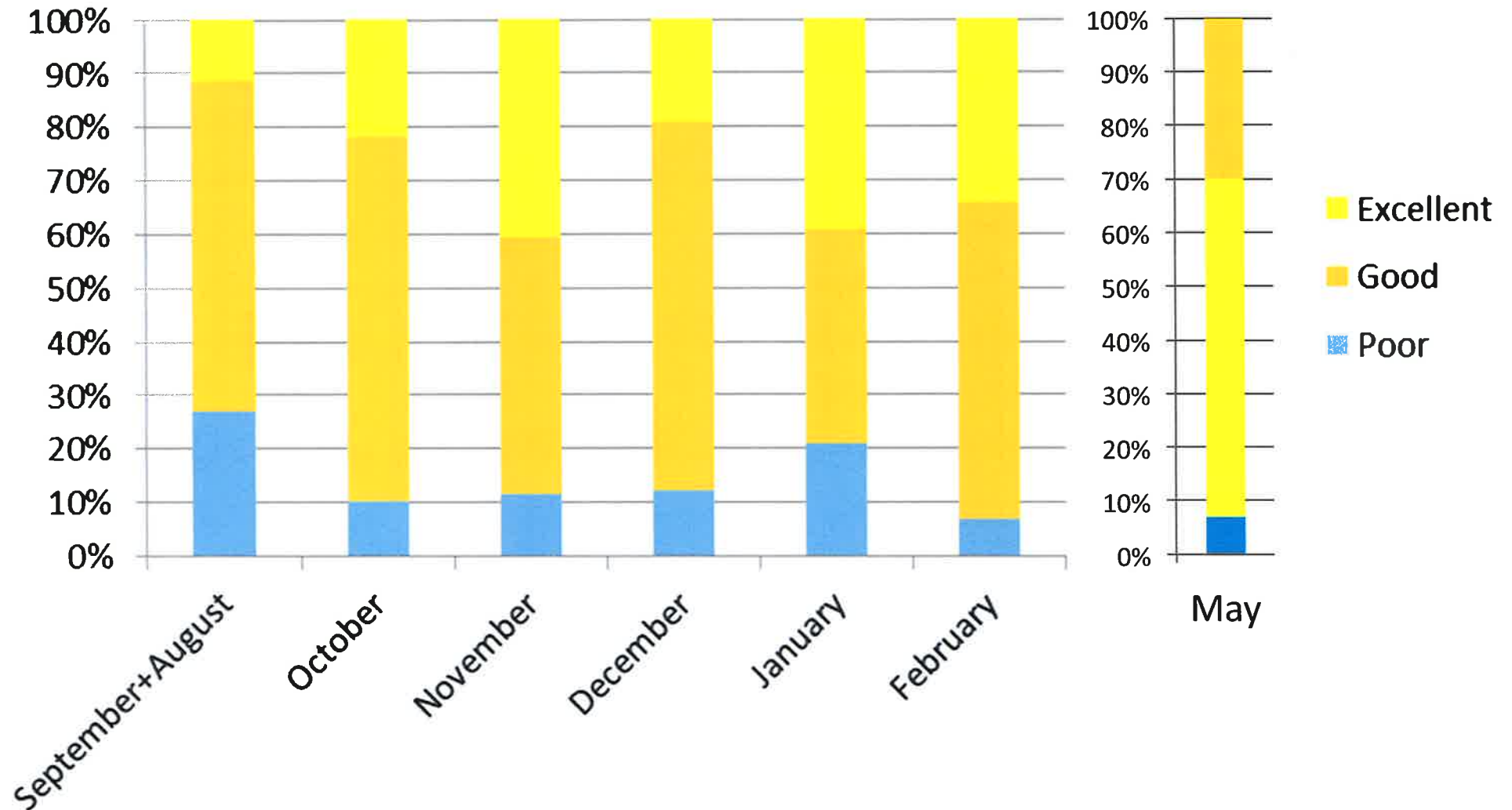
HiSeq	
Median wait time	2.4 weeks 1.7 weeks
Lanes over 4 weeks:	34% 3%

MiSeq	
Median wait time	1.1 week 0.3 weeks
Lanes over 1 week:	33% 23%



\* Values in blue reflect last month's metrics

# Run quality by month

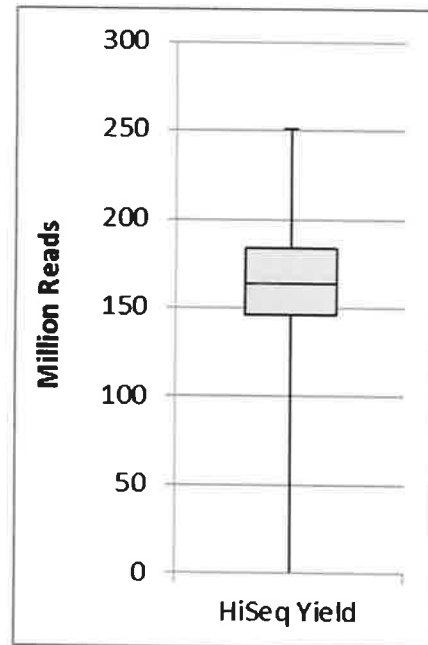


**Excellent:** >175M reads, >90%Q30, <0.5% error  
**Good:** >100M reads, >80%Q30, <1.0% error  
**Poor:** <100M reads, <80%Q30, >2.0% error

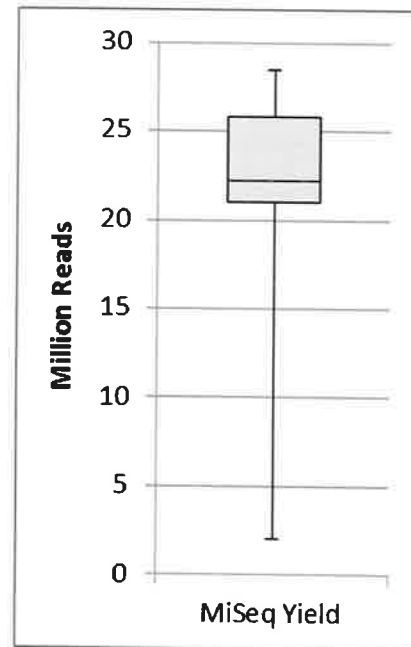
# Reporting yield and quality

## Yield

HiSeq	
Total Lanes:	143 93
Average Yield:	164 Million 168 Million
Lanes under 100M:	7 5

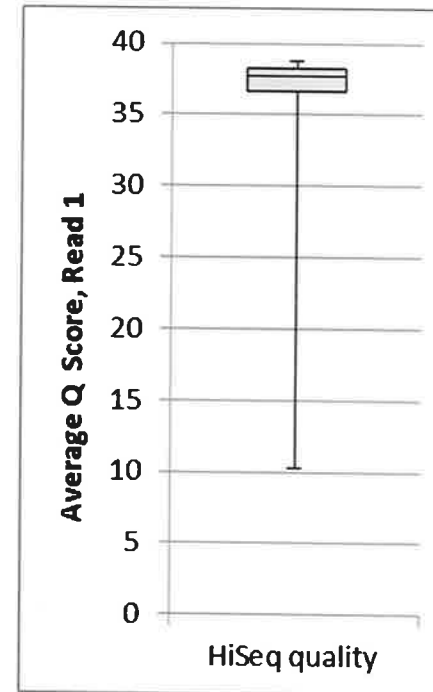


MiSeq	
Total Lanes:	18 13
Average Yield:	22 Million 23 Million
Lanes under 10M:	1 0

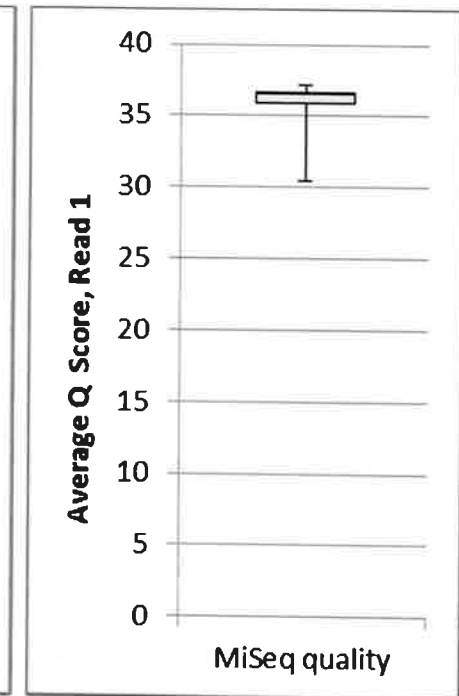


## Quality

HiSeq	
Average Q Score, R1	36.9 36.8
No. Lanes Ave Q < 30	3 (2%) 1



MiSeq	
Average Q Score, R1	36.0 34.4
No. Lanes Ave Q < 30	0 (0%) 1



\* Values in blue reflect last month's metrics

# Turnaround time

HiSeq	
Median wait time	2.4 weeks 1.7 weeks
Lanes over 4 weeks:	34% 3%

MiSeq	
Median wait time	1.1 week 0.3 weeks
Lanes over 1 week:	33% 23%

