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ISASP IOWA STATEWIDE ASSESSMENT of STUDENT PROGRESS

Iowa Percentile Ranks for 2021

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Table of Contents

Iowa Percentile Ranks for 2021	1
Using the Results	2
Important Findings	2
Table 1: Grade 3 – Spring 2021 Scale Score to Iowa Percentile Rank	4
Table 2: Grade 4 – Spring 2021 Scale Score to Iowa Percentile Rank	8
Table 3: Grade 5 – Spring 2021 Scale Score to Iowa Percentile Rank	13
Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank	19
Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank	26
Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank	33
Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank	41
Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank	49
Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank	57

Iowa Statewide Assessment of Student Progress

Iowa Percentile Ranks for 2021

The Iowa Statewide Assessment of Student Progress (ISASP) measures student achievement and understanding of the Iowa Core Standards in English Language Arts (ELA), Mathematics, and Science. Indicators of student proficiency and growth from grade-to-grade are provided. ISASP assesses English Language Arts and Mathematics for students in grades 3–11 and Science in grades 5, 8, and 10. The assessments, offered in both paper-and-pencil and computer-based formats during the last quarter of the academic year, include multiple-choice and technology-enhanced items, constructed response items, and open-ended essay questions aligned to the Iowa Core Standards.

Understanding how students change and grow over time is extremely important as teachers and schools design education programs tied to standards in English Language Arts, Mathematics, and Science. Student achievement and growth can be characterized in a variety of ways, including proficiency, growth scores, and status relative to a goal such as college readiness or to a similar group of students. Three different types of metrics are available to help interpret ISASP results. A *proficiency-based reference* provides students and educators with descriptions and indicators of levels of proficiency as determined by the state of Iowa with designations of Not-Yet-Proficient, Proficient, and Advanced. Proficiency-based scores are criterion-referenced and reflect the level of achievement compared to the Iowa Core standards. A *growth reference* provides a metric for examining the change between two or more administrations of an assessment such as the difference between ISASP scale scores from one year to the next. A *normative-based reference* is provided through the state of Iowa percentile ranks that are available after each administration and specific to the particular year of the assessment program.

ISASP was first administered in the spring of 2019, and the second administration was spring 2021. This document provides the Iowa Percentile Ranks (IPRs) based on performance from the 2021 administration for students that completed the ISASP in a proctored environment. This document is intended to complement interpretative information from proficiency-based and growth references. Similar information from the 2019 administration can be found at: <https://iowa.pearsonaccess.com/resources/reports/IowaPercentileRanksfor2019.pdf>.

Using the Results

These conversion tables can be used by educators to find the 2021 percentile rank associated with Scale Scores on the ISASP assessments. The conversion tables are organized by grade, and each grade-level table includes columns containing the IPR of each ISASP Scale Score. The Scale Score to Percentile Rank conversions were obtained directly from the statewide distributions of ISASP Scale Scores in the spring 2021 administration for students that completed the tests in a proctored environment. In each test area and grade, these tables were developed from the final scoring file created for the purpose of reporting scores to Iowa schools. To use the tables, locate the grade-level of the student. Then find the student's ISASP Scale Score in the column labeled Scale Score. The scale scores are ordered from high to low in each grade.

It is important to recognize that the ISASP was developed to align with the Iowa Core Standards and provide standards-based information for students and their families, for Iowa schools and the Iowa Department of Education's School Performance Profiles. The Iowa Percentile Ranks presented in this document do not play a direct role in any statewide accountability use of assessment results. They are intended to support other administrative uses of ISASP scores in Iowa schools.

Important Findings

A comparison of the 2019 IPRs to the 2021 IPRs leads to the following general observations:

- The 2021 norms are generally “easier” than the 2019 norms, as there are more increases in IPRs from 2019 to 2021 across grade levels.
- In English Language Arts, the average Iowa student (IPR = 50) in 2021 performed similarly to the average Iowa student in 2019.
- In Mathematics, students at all performance levels in 2019 outperformed students in 2021, however the amount varies from grade to grade.
- In Science, students in 2021 in grades 5 and 8 generally outperformed students in 2019.

Since the previous administration in 2019, the Iowa student population has changed in terms of what students know and are able to do in mathematics across all grades. The 2021 ISASP results revealed that student achievement in both core areas of reading and mathematics has decreased for students in third grade. These findings are consistent with results from other states assessment programs over the same time span.

Because achievement of the general school population has declined over the past two years, IPRs based on the 2021 norms and reported for ISASP may appear to be higher than IPRs

reported for the 2019 administration. In the conversion tables provided in this document, students who took the ISASP in 2021 are being compared to a group of students that, overall, did not perform as well as did students in 2019. A student's relative standing will increase when his or her performance is compared to that of a group of lower performing students.

Because the tests in each administration of ISASP are assembled to be statistically comparable to tests in each previous administration, changes in performance on the tests can be attributed to increases or decreases student achievement and not to changes in the difficulty of the tests. ISASP has been carefully designed using the Iowa Core Standards. The alignment between instruction and the Iowa Core Standards should be carefully considered as results from ISASP are interpreted following the interruptions to instruction experienced between 2019 and 2021. The importance of up-to-date normative information is critical during times of change such as the COVID-19 pandemic.

Table 1: Grade 3 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
510	99	99	99	99	510
509	99	99	99	99	509
508	99	99	99	99	508
507	99	99	99	99	507
506	99	99	99	99	506
505	99	99	99	99	505
504	99	99	99	99	504
503	99	99	99	99	503
502	99	99	99	99	502
501	99	99	99	99	501
500	99	99	99	99	500
499	99	99	99	99	499
498	99	99	99	99	498
497	99	99	99	99	497
496	99	99	99	99	496
495	99	99	99	99	495
494	99	99	99	99	494
493	99	99	99	99	493
492	99	99	99	99	492
491	99	99	99	99	491
490	99	99	99	99	490
489	99	99	99	99	489
488	99	99	99	99	488
487	99	99	99	99	487
486	99	99	99	99	486
485	99	99	99	99	485
484	99	99	99	99	484
483	99	99	99	99	483
482	99	99	99	99	482
481	99	99	99	99	481
480	99	99	99	99	480
479	99	99	99	98	479
478	99	99	99	98	478
477	98	99	99	98	477
476	98	99	99	98	476
475	98	99	99	98	475
474	98	99	99	98	474
473	98	99	99	98	473
472	98	99	99	98	472
471	98	99	99	97	471
470	98	99	99	97	470
469	98	99	99	97	469
468	98	99	99	96	468
467	98	98	99	96	467
466	98	98	99	96	466

Table 1: Grade 3 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
465	98	98	99	95	465
464	98	98	99	95	464
463	98	98	99	95	463
462	98	97	99	94	462
461	98	97	99	94	461
460	98	97	98	93	460
459	98	97	97	93	459
458	97	96	97	92	458
457	97	96	97	92	457
456	97	96	97	91	456
455	97	96	97	91	455
454	97	96	96	90	454
453	97	95	96	90	453
452	96	95	96	90	452
451	96	94	96	89	451
450	96	94	95	88	450
449	95	93	95	87	449
448	95	93	95	87	448
447	95	92	94	86	447
446	94	92	94	85	446
445	94	91	94	84	445
444	93	90	93	83	444
443	93	90	93	83	443
442	92	89	92	82	442
441	92	89	92	81	441
440	91	88	91	80	440
439	91	87	91	79	439
438	91	87	90	79	438
437	90	86	89	78	437
436	90	85	89	77	436
435	89	84	88	76	435
434	88	83	87	75	434
433	88	82	86	75	433
432	87	81	85	74	432
431	86	80	85	73	431
430	85	79	84	72	430
429	85	78	83	71	429
428	84	78	82	70	428
427	83	77	81	69	427
426	83	76	80	68	426
425	82	74	79	68	425
424	81	73	78	67	424
423	80	72	77	66	423
422	79	71	76	65	422
421	79	70	75	64	421

Table 1: Grade 3 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
420	78	69	74	63	420
419	77	68	73	62	419
418	76	67	72	61	418
417	75	66	71	60	417
416	75	64	70	59	416
415	74	63	69	57	415
414	73	62	68	56	414
413	72	60	67	55	413
412	71	59	66	54	412
411	70	58	65	53	411
410	69	57	64	53	410
409	68	56	63	52	409
408	67	54	61	50	408
407	66	53	60	49	407
406	65	52	59	49	406
405	64	51	58	48	405
404	63	50	57	47	404
403	62	48	56	46	403
402	61	47	55	45	402
401	60	46	53	43	401
400	59	45	52	42	400
399	58	44	51	41	399
398	57	43	50	40	398
397	56	42	49	39	397
396	55	41	48	38	396
395	54	39	46	37	395
394	54	38	45	36	394
393	53	37	44	35	393
392	52	36	43	34	392
391	51	34	42	32	391
390	49	33	41	31	390
389	48	32	40	29	389
388	47	31	39	28	388
387	46	30	37	27	387
386	45	29	36	26	386
385	44	29	35	25	385
384	43	28	34	24	384
383	42	27	32	23	383
382	41	25	31	22	382
381	40	24	30	21	381
380	39	23	29	20	380
379	38	22	28	19	379
378	36	21	27	18	378
377	35	20	25	16	377
376	34	19	24	15	376

Table 1: Grade 3 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
375	32	18	23	13	375
374	31	17	22	12	374
373	30	17	21	11	373
372	28	16	19	10	372
371	27	16	18	9	371
370	25	15	17	8	370
369	24	14	16	7	369
368	23	13	15	6	368
367	21	12	13	5	367
366	20	11	12	4	366
365	19	10	11	3	365
364	18	9	10	3	364
363	16	9	9	2	363
362	15	8	8	2	362
361	13	8	7	2	361
360	12	7	6	1	360
359	10	6	5	1	359
358	8	6	4	1	358
357	7	5	3	1	357
356	5	4	2	1	356
355	4	4	2	1	355
354	3	3	1	1	354
353	2	3	1	1	353
352	2	2	1	1	352
351	1	1	1	1	351
350	1	1	1	1	350
349	1	1	1	1	349
348	1	1	1	1	348
347	1	1	1	1	347
346	1	1	1	1	346
345	1	1	1	1	345

Table 2: Grade 4 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
540	99	99	99	99	540
539	99	99	99	99	539
538	99	99	99	99	538
537	99	99	99	99	537
536	99	99	99	99	536
535	99	99	99	99	535
534	99	99	99	99	534
533	99	99	99	99	533
532	99	99	99	99	532
531	99	99	99	99	531
530	99	99	99	99	530
529	99	99	99	99	529
528	99	99	99	99	528
527	99	99	99	99	527
526	99	99	99	99	526
525	99	99	99	99	525
524	99	99	99	99	524
523	99	99	99	99	523
522	99	99	99	99	522
521	99	99	99	99	521
520	99	99	99	99	520
519	99	99	99	99	519
518	98	99	99	99	518
517	98	99	99	99	517
516	98	99	99	99	516
515	98	99	99	99	515
514	98	99	99	99	514
513	98	99	99	98	513
512	98	99	99	98	512
511	98	99	99	98	511
510	98	99	99	98	510
509	98	98	99	98	509
508	98	98	99	98	508
507	97	98	99	98	507
506	97	98	99	98	506
505	97	98	99	98	505
504	97	97	99	98	504
503	96	97	99	98	503
502	96	97	98	97	502
501	96	97	98	97	501
500	96	97	98	97	500
499	96	96	98	97	499
498	96	96	98	97	498
497	95	96	97	96	497
496	95	96	97	96	496

Table 2: Grade 4 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
495	95	96	97	96	495
494	95	95	96	96	494
493	94	95	96	95	493
492	94	95	96	95	492
491	93	95	96	95	491
490	93	95	95	95	490
489	92	94	95	94	489
488	92	93	94	94	488
487	91	93	94	94	487
486	91	92	93	93	486
485	90	92	93	93	485
484	90	91	92	93	484
483	89	91	92	93	483
482	88	91	91	92	482
481	88	90	91	92	481
480	87	90	90	92	480
479	86	89	90	91	479
478	86	88	89	91	478
477	85	87	88	90	477
476	84	86	88	90	476
475	84	86	87	89	475
474	83	85	86	89	474
473	82	84	86	88	473
472	82	84	85	88	472
471	81	83	84	87	471
470	80	83	83	87	470
469	79	82	82	86	469
468	79	81	81	85	468
467	78	80	80	85	467
466	77	79	79	84	466
465	77	78	78	84	465
464	76	77	77	83	464
463	75	76	77	82	463
462	74	75	76	82	462
461	72	74	74	81	461
460	71	73	73	80	460
459	70	72	72	79	459
458	69	71	71	78	458
457	68	70	70	78	457
456	67	69	69	77	456
455	67	68	68	77	455
454	66	67	67	76	454
453	65	66	66	75	453
452	64	65	65	74	452
451	63	64	64	73	451

Table 2: Grade 4 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
450	62	63	63	73	450
449	61	62	62	72	449
448	60	61	61	71	448
447	59	60	59	71	447
446	58	59	58	70	446
445	57	58	57	69	445
444	56	58	56	68	444
443	55	57	55	67	443
442	54	56	54	66	442
441	53	55	53	65	441
440	52	53	52	64	440
439	51	52	50	63	439
438	50	51	49	62	438
437	49	50	48	61	437
436	48	48	47	60	436
435	47	47	46	59	435
434	46	46	45	59	434
433	45	45	44	58	433
432	44	44	43	58	432
431	43	43	42	57	431
430	42	42	41	56	430
429	41	41	40	55	429
428	40	40	39	54	428
427	39	39	38	53	427
426	38	38	37	52	426
425	38	37	36	51	425
424	37	36	35	50	424
423	36	35	34	49	423
422	35	34	33	48	422
421	34	33	32	47	421
420	33	32	31	46	420
419	33	31	30	45	419
418	32	30	29	43	418
417	31	29	29	42	417
416	30	28	28	41	416
415	29	27	27	40	415
414	29	27	26	39	414
413	28	26	25	38	413
412	27	25	24	38	412
411	26	25	24	37	411
410	26	24	23	36	410
409	25	23	23	35	409
408	24	22	22	34	408
407	24	21	21	33	407
406	23	21	20	32	406

Table 2: Grade 4 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
405	22	20	20	31	405
404	22	19	19	29	404
403	21	18	18	28	403
402	21	17	17	27	402
401	20	17	17	26	401
400	19	16	16	25	400
399	18	16	16	24	399
398	18	15	15	23	398
397	17	14	14	22	397
396	16	14	14	21	396
395	15	13	13	19	395
394	15	13	13	19	394
393	14	12	12	18	393
392	14	11	11	17	392
391	13	11	11	16	391
390	12	10	10	15	390
389	12	10	10	13	389
388	11	9	9	12	388
387	10	9	9	12	387
386	9	8	8	11	386
385	9	8	7	10	385
384	9	8	7	9	384
383	8	7	7	8	383
382	8	7	6	7	382
381	7	7	6	6	381
380	6	6	5	5	380
379	6	6	5	4	379
378	5	6	4	4	378
377	5	5	4	4	377
376	4	5	4	3	376
375	4	5	3	2	375
374	3	4	3	2	374
373	3	4	3	2	373
372	3	3	2	2	372
371	2	3	2	1	371
370	2	3	2	1	370
369	2	3	1	1	369
368	2	3	1	1	368
367	2	2	1	1	367
366	1	2	1	1	366
365	1	2	1	1	365
364	1	2	1	1	364
363	1	2	1	1	363
362	1	1	1	1	362
361	1	1	1	1	361

Table 2: Grade 4 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
360	1	1	1	1	360
359	1	1	1	1	359
358	1	1	1	1	358
357	1	1	1	1	357
356	1	1	1	1	356
355	1	1	1	1	355
354	1	1	1	1	354
353	1	1	1	1	353
352	1	1	1	1	352
351	1	1	1	1	351
350	1	1	1	1	350

Table 3: Grade 5 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
590	99	99	99	99	99	590
589	99	99	99	99	99	589
588	99	99	99	99	99	588
587	99	99	99	99	99	587
586	99	99	99	99	99	586
585	99	99	99	99	99	585
584	99	99	99	99	99	584
583	99	99	99	99	99	583
582	99	99	99	99	99	582
581	99	99	99	99	99	581
580	99	99	99	99	99	580
579	99	99	99	99	99	579
578	99	99	99	99	99	578
577	99	99	99	99	99	577
576	99	99	99	99	99	576
575	99	99	99	99	99	575
574	99	99	99	99	99	574
573	99	99	99	99	99	573
572	99	99	99	99	99	572
571	99	99	99	99	99	571
570	99	99	99	99	99	570
569	99	99	99	99	98	569
568	99	99	99	99	98	568
567	99	99	99	99	98	567
566	99	99	99	99	98	566
565	99	99	99	99	98	565
564	99	99	99	99	98	564
563	99	99	99	99	98	563
562	99	99	99	99	98	562
561	99	99	99	99	97	561
560	99	99	99	99	97	560
559	99	99	99	99	97	559
558	99	99	99	99	97	558
557	99	99	99	99	97	557
556	99	99	99	99	97	556
555	99	99	99	99	97	555
554	99	99	99	99	97	554
553	99	99	99	99	97	553
552	98	99	99	99	96	552
551	98	99	99	99	96	551
550	98	99	99	99	96	550
549	98	99	99	99	96	549
548	98	99	99	99	96	548
547	98	98	99	98	95	547
546	98	98	99	98	95	546

Table 3: Grade 5 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
545	98	98	99	98	95	545
544	98	98	99	98	95	544
543	98	98	99	98	95	543
542	98	98	99	98	95	542
541	98	98	99	97	94	541
540	98	98	99	97	94	540
539	98	98	99	97	94	539
538	98	98	99	97	93	538
537	98	98	99	97	93	537
536	97	98	99	96	93	536
535	97	97	98	96	92	535
534	97	97	98	96	92	534
533	97	97	98	96	92	533
532	97	97	98	96	92	532
531	97	97	98	95	91	531
530	96	97	98	95	91	530
529	96	97	98	95	91	529
528	96	96	97	95	90	528
527	96	96	97	95	90	527
526	95	96	97	95	90	526
525	95	95	97	95	89	525
524	94	95	96	95	89	524
523	94	95	96	94	89	523
522	94	94	96	94	88	522
521	94	94	96	94	88	521
520	94	94	95	94	87	520
519	93	94	95	93	87	519
518	93	94	95	93	86	518
517	93	94	94	93	86	517
516	92	93	94	93	85	516
515	92	93	94	92	85	515
514	91	92	94	92	85	514
513	91	92	93	91	84	513
512	91	91	93	91	84	512
511	90	91	92	90	83	511
510	90	90	92	90	83	510
509	89	90	91	89	83	509
508	89	90	91	89	82	508
507	88	89	91	89	82	507
506	88	89	90	88	81	506
505	87	89	90	88	81	505
504	86	89	89	88	80	504
503	86	88	89	88	80	503
502	85	88	88	87	79	502
501	85	87	88	87	79	501

Table 3: Grade 5 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
500	84	87	87	86	78	500
499	83	86	87	86	78	499
498	83	86	86	85	77	498
497	82	85	85	85	77	497
496	81	84	85	84	76	496
495	81	83	84	84	76	495
494	80	83	83	84	75	494
493	80	82	83	83	75	493
492	79	82	82	83	74	492
491	78	81	81	83	74	491
490	78	80	81	82	73	490
489	77	80	80	82	73	489
488	76	79	79	81	72	488
487	76	78	78	81	71	487
486	75	78	78	80	71	486
485	74	77	77	80	70	485
484	73	76	76	79	69	484
483	73	76	75	79	69	483
482	72	75	75	78	68	482
481	71	74	74	77	68	481
480	70	74	73	77	67	480
479	69	73	72	76	67	479
478	68	72	72	76	66	478
477	68	72	71	75	65	477
476	67	71	70	75	65	476
475	66	70	69	74	64	475
474	65	69	68	74	63	474
473	64	69	67	73	63	473
472	63	68	66	72	62	472
471	62	67	65	71	61	471
470	62	67	64	71	61	470
469	61	66	64	70	60	469
468	60	65	63	70	59	468
467	59	64	62	69	59	467
466	58	63	61	69	58	466
465	57	62	60	68	57	465
464	56	61	59	67	57	464
463	55	60	58	66	56	463
462	54	59	57	66	55	462
461	53	59	56	65	54	461
460	52	58	55	65	54	460
459	51	57	55	64	53	459
458	51	56	54	63	52	458
457	50	56	52	62	52	457
456	49	55	52	61	51	456

Table 3: Grade 5 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
455	48	54	51	61	50	455
454	47	53	50	60	49	454
453	46	52	49	60	48	453
452	46	51	48	59	48	452
451	45	50	47	58	47	451
450	44	49	47	57	46	450
449	43	49	46	56	46	449
448	42	48	45	55	45	448
447	41	47	44	54	44	447
446	41	47	43	54	44	446
445	40	46	42	53	43	445
444	39	45	41	52	42	444
443	38	44	40	51	42	443
442	37	44	39	50	41	442
441	36	43	39	49	40	441
440	35	42	38	49	39	440
439	34	41	37	48	38	439
438	33	40	36	47	38	438
437	32	39	35	47	37	437
436	32	39	34	46	36	436
435	31	38	34	45	36	435
434	30	37	33	44	35	434
433	30	36	32	43	34	433
432	29	36	31	42	34	432
431	28	35	30	41	33	431
430	27	35	29	40	32	430
429	27	34	29	39	32	429
428	26	33	28	38	31	428
427	25	32	27	36	30	427
426	24	31	26	35	29	426
425	24	30	26	34	28	425
424	23	30	25	33	27	424
423	22	29	24	32	26	423
422	22	28	23	31	25	422
421	21	28	23	30	24	421
420	20	27	22	29	23	420
419	20	26	21	28	22	419
418	19	26	21	27	22	418
417	19	25	20	26	21	417
416	18	25	20	25	21	416
415	17	24	19	24	20	415
414	16	23	18	23	19	414
413	16	23	18	22	18	413
412	15	22	17	21	17	412
411	14	22	16	20	17	411

Table 3: Grade 5 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
410	13	21	16	19	16	410
409	13	20	15	18	15	409
408	12	20	15	17	15	408
407	12	19	14	16	14	407
406	11	18	13	15	13	406
405	10	18	13	14	13	405
404	10	18	12	13	12	404
403	9	17	12	12	11	403
402	9	16	11	11	11	402
401	9	15	11	10	10	401
400	9	14	10	9	9	400
399	8	14	10	8	9	399
398	8	13	9	7	8	398
397	7	13	9	7	7	397
396	6	12	8	6	7	396
395	6	12	8	6	6	395
394	5	11	7	5	6	394
393	5	11	7	5	5	393
392	4	10	6	4	5	392
391	4	10	6	4	4	391
390	4	10	5	3	4	390
389	3	9	5	3	4	389
388	3	9	5	2	3	388
387	2	9	4	2	3	387
386	2	9	4	2	3	386
385	1	8	4	2	2	385
384	1	8	3	1	2	384
383	1	7	3	1	2	383
382	1	7	2	1	2	382
381	1	7	2	1	1	381
380	1	6	2	1	1	380
379	1	6	2	1	1	379
378	1	5	1	1	1	378
377	1	5	1	1	1	377
376	1	5	1	1	1	376
375	1	4	1	1	1	375
374	1	4	1	1	1	374
373	1	4	1	1	1	373
372	1	3	1	1	1	372
371	1	3	1	1	1	371
370	1	3	1	1	1	370
369	1	3	1	1	1	369
368	1	3	1	1	1	368
367	1	2	1	1	1	367
366	1	2	1	1	1	366

Table 3: Grade 5 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
365	1	2	1	1	1	365
364	1	1	1	1	1	364
363	1	1	1	1	1	363
362	1	1	1	1	1	362
361	1	1	1	1	1	361
360	1	1	1	1	1	360
359	1	1	1	1	1	359
358	1	1	1	1	1	358
357	1	1	1	1	1	357
356	1	1	1	1	1	356
355	1	1	1	1	1	355

Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
640	99	99	99	99	640
639	99	99	99	99	639
638	99	99	99	99	638
637	99	99	99	99	637
636	99	99	99	99	636
635	99	99	99	99	635
634	99	99	99	99	634
633	99	99	99	99	633
632	99	99	99	99	632
631	99	99	99	99	631
630	99	99	99	99	630
629	99	99	99	99	629
628	99	99	99	99	628
627	99	99	99	99	627
626	99	99	99	99	626
625	99	99	99	99	625
624	99	99	99	99	624
623	99	99	99	99	623
622	99	99	99	99	622
621	99	99	99	99	621
620	99	99	99	99	620
619	99	99	99	99	619
618	99	99	99	99	618
617	99	99	99	99	617
616	99	99	99	99	616
615	99	99	99	99	615
614	99	99	99	99	614
613	99	99	99	99	613
612	99	99	99	99	612
611	99	99	99	99	611
610	99	99	99	99	610
609	99	99	99	99	609
608	99	99	99	99	608
607	99	99	99	99	607
606	99	99	99	99	606
605	99	99	99	99	605
604	99	99	99	99	604
603	99	99	99	99	603
602	99	99	99	99	602
601	99	99	99	99	601
600	99	99	99	99	600
599	99	99	99	99	599
598	99	99	99	98	598
597	99	99	99	98	597
596	99	99	99	98	596

Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
595	99	99	99	98	595
594	99	99	99	98	594
593	99	99	99	98	593
592	99	99	99	98	592
591	99	99	99	98	591
590	99	99	99	98	590
589	99	99	99	98	589
588	99	99	99	98	588
587	99	99	99	98	587
586	99	99	99	98	586
585	99	99	99	97	585
584	99	99	99	97	584
583	99	99	99	97	583
582	98	99	99	97	582
581	98	99	99	97	581
580	98	99	99	97	580
579	98	99	99	97	579
578	98	99	99	97	578
577	98	99	99	97	577
576	98	99	99	97	576
575	98	98	99	97	575
574	98	98	99	97	574
573	98	98	99	96	573
572	98	98	99	96	572
571	98	98	99	96	571
570	98	98	99	96	570
569	98	97	99	96	569
568	97	97	99	96	568
567	97	97	99	96	567
566	97	97	98	96	566
565	97	97	98	96	565
564	97	97	98	96	564
563	97	96	98	95	563
562	97	96	98	95	562
561	97	96	98	95	561
560	96	95	98	95	560
559	96	95	97	94	559
558	96	95	97	94	558
557	96	95	97	94	557
556	96	94	97	94	556
555	96	94	96	94	555
554	95	94	96	93	554
553	95	93	96	93	553
552	95	93	96	93	552
551	95	93	96	93	551

Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
550	94	92	95	92	550
549	94	92	95	92	549
548	94	92	95	92	548
547	93	91	95	92	547
546	93	91	94	91	546
545	93	91	94	91	545
544	92	91	93	91	544
543	92	91	93	91	543
542	91	90	92	90	542
541	91	89	92	90	541
540	90	89	92	90	540
539	90	88	91	90	539
538	89	88	91	89	538
537	89	87	90	89	537
536	88	87	90	89	536
535	88	86	89	88	535
534	87	86	89	88	534
533	87	86	88	88	533
532	86	85	88	88	532
531	85	85	87	87	531
530	85	84	86	87	530
529	84	83	86	86	529
528	84	83	85	86	528
527	83	82	84	85	527
526	82	81	84	85	526
525	82	81	83	85	525
524	81	80	82	84	524
523	80	79	82	84	523
522	80	79	81	83	522
521	79	78	80	83	521
520	78	78	79	82	520
519	78	77	79	82	519
518	77	77	78	82	518
517	76	76	77	81	517
516	75	75	77	81	516
515	74	74	76	80	515
514	74	73	75	80	514
513	73	72	74	79	513
512	72	72	73	79	512
511	71	71	73	79	511
510	70	70	72	78	510
509	69	69	71	78	509
508	69	69	70	77	508
507	68	68	69	76	507
506	67	67	69	75	506

Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
505	66	67	68	75	505
504	66	66	67	74	504
503	65	65	66	74	503
502	64	65	65	73	502
501	63	64	64	73	501
500	62	63	63	72	500
499	61	62	62	72	499
498	61	61	62	71	498
497	60	60	61	71	497
496	59	60	59	70	496
495	58	59	59	69	495
494	57	58	58	68	494
493	56	57	57	68	493
492	55	57	56	67	492
491	55	56	55	67	491
490	54	55	54	66	490
489	53	55	54	66	489
488	53	54	53	65	488
487	53	53	52	65	487
486	52	52	51	64	486
485	51	51	50	63	485
484	50	50	49	62	484
483	49	49	48	61	483
482	48	49	47	61	482
481	47	48	45	60	481
480	46	47	45	59	480
479	45	46	44	59	479
478	45	45	43	58	478
477	44	44	42	57	477
476	43	43	42	57	476
475	42	42	41	56	475
474	41	41	40	55	474
473	40	41	39	54	473
472	40	40	38	53	472
471	39	39	37	52	471
470	38	38	37	51	470
469	37	38	36	50	469
468	36	37	35	50	468
467	36	36	35	49	467
466	35	36	34	48	466
465	34	35	33	47	465
464	34	34	32	47	464
463	33	34	32	46	463
462	32	33	31	45	462
461	32	32	30	44	461

Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
460	31	32	30	44	460
459	30	31	29	43	459
458	30	30	28	42	458
457	29	30	28	41	457
456	28	29	27	40	456
455	28	28	26	40	455
454	27	27	26	39	454
453	26	27	25	38	453
452	26	27	24	37	452
451	25	26	24	36	451
450	24	26	23	36	450
449	24	25	22	35	449
448	23	24	22	34	448
447	23	24	21	33	447
446	22	23	20	32	446
445	22	23	20	32	445
444	21	22	19	31	444
443	21	21	18	30	443
442	20	21	18	29	442
441	20	20	17	28	441
440	19	20	17	28	440
439	19	19	17	27	439
438	18	19	16	26	438
437	17	18	15	25	437
436	17	18	15	24	436
435	16	17	15	24	435
434	16	17	14	23	434
433	15	16	13	22	433
432	14	16	13	21	432
431	14	15	13	20	431
430	13	15	12	19	430
429	13	14	12	18	429
428	12	14	11	18	428
427	12	14	11	17	427
426	11	13	11	17	426
425	11	13	10	16	425
424	10	13	10	16	424
423	10	12	9	15	423
422	9	12	9	14	422
421	9	12	9	14	421
420	8	12	8	13	420
419	8	11	8	12	419
418	8	11	8	11	418
417	7	10	7	11	417
416	7	10	7	10	416

Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
415	7	9	6	9	415
414	6	9	6	9	414
413	6	8	6	8	413
412	5	8	5	8	412
411	5	8	5	7	411
410	4	7	5	7	410
409	4	7	5	6	409
408	4	7	4	6	408
407	3	6	4	6	407
406	3	6	4	5	406
405	3	6	3	5	405
404	3	6	3	4	404
403	3	6	3	4	403
402	3	6	3	3	402
401	2	6	3	3	401
400	2	5	2	3	400
399	1	5	2	3	399
398	1	5	2	3	398
397	1	4	2	2	397
396	1	4	2	2	396
395	1	4	2	2	395
394	1	3	1	2	394
393	1	3	1	1	393
392	1	3	1	1	392
391	1	3	1	1	391
390	1	3	1	1	390
389	1	3	1	1	389
388	1	2	1	1	388
387	1	2	1	1	387
386	1	2	1	1	386
385	1	2	1	1	385
384	1	2	1	1	384
383	1	2	1	1	383
382	1	2	1	1	382
381	1	1	1	1	381
380	1	1	1	1	380
379	1	1	1	1	379
378	1	1	1	1	378
377	1	1	1	1	377
376	1	1	1	1	376
375	1	1	1	1	375
374	1	1	1	1	374
373	1	1	1	1	373
372	1	1	1	1	372
371	1	1	1	1	371

Table 4: Grade 6 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
370	1	1	1	1	370
369	1	1	1	1	369
368	1	1	1	1	368
367	1	1	1	1	367
366	1	1	1	1	366
365	1	1	1	1	365
364	1	1	1	1	364
363	1	1	1	1	363
362	1	1	1	1	362
361	1	1	1	1	361
360	1	1	1	1	360

Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
680	99	99	99	99	680
679	99	99	99	99	679
678	99	99	99	99	678
677	99	99	99	99	677
676	99	99	99	99	676
675	99	99	99	99	675
674	99	99	99	99	674
673	99	99	99	99	673
672	99	99	99	99	672
671	99	99	99	99	671
670	99	99	99	99	670
669	99	99	99	99	669
668	99	99	99	99	668
667	99	99	99	99	667
666	99	99	99	99	666
665	99	99	99	99	665
664	99	99	99	99	664
663	99	99	99	99	663
662	99	99	99	99	662
661	99	99	99	99	661
660	99	99	99	99	660
659	99	99	99	99	659
658	99	99	99	99	658
657	99	99	99	99	657
656	99	99	99	99	656
655	99	99	99	99	655
654	99	99	99	99	654
653	99	99	99	99	653
652	99	99	99	99	652
651	99	99	99	99	651
650	99	99	99	99	650
649	99	99	99	99	649
648	99	99	99	99	648
647	99	99	99	99	647
646	99	99	99	99	646
645	99	99	99	99	645
644	99	99	99	99	644
643	99	99	99	99	643
642	99	99	99	99	642
641	99	99	99	99	641
640	99	99	99	99	640
639	99	99	99	99	639
638	99	99	99	99	638
637	99	99	99	99	637
636	99	99	99	99	636

Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
635	99	99	99	99	635
634	99	99	99	99	634
633	99	99	99	99	633
632	99	99	99	99	632
631	99	99	99	99	631
630	99	99	99	99	630
629	99	99	99	99	629
628	99	99	99	99	628
627	99	99	99	99	627
626	99	99	99	99	626
625	99	99	99	99	625
624	99	99	99	99	624
623	99	99	99	99	623
622	99	99	99	98	622
621	99	99	99	98	621
620	99	99	99	98	620
619	99	99	99	98	619
618	99	99	99	98	618
617	99	99	99	98	617
616	99	99	99	98	616
615	99	99	99	98	615
614	99	99	99	98	614
613	99	99	99	98	613
612	99	99	99	98	612
611	99	99	99	97	611
610	99	99	99	97	610
609	99	99	99	97	609
608	99	99	99	97	608
607	99	99	99	97	607
606	99	99	99	97	606
605	99	99	99	97	605
604	99	99	99	97	604
603	99	99	99	97	603
602	99	99	99	97	602
601	99	99	99	96	601
600	99	99	99	96	600
599	99	99	99	96	599
598	99	99	99	96	598
597	99	99	99	96	597
596	99	98	99	96	596
595	98	98	99	96	595
594	97	98	98	96	594
593	97	98	98	96	593
592	97	98	98	96	592
591	97	98	98	95	591

Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
590	97	98	97	95	590
589	97	98	98	95	589
588	97	97	98	95	588
587	97	97	98	94	587
586	97	97	98	94	586
585	96	97	98	94	585
584	96	97	98	94	584
583	96	97	98	93	583
582	96	96	97	93	582
581	96	96	97	93	581
580	96	96	97	93	580
579	96	96	97	93	579
578	96	96	97	93	578
577	96	96	97	93	577
576	96	95	97	93	576
575	96	95	96	93	575
574	95	95	96	92	574
573	95	94	96	92	573
572	95	94	96	92	572
571	95	94	96	91	571
570	95	93	95	91	570
569	94	93	95	91	569
568	94	93	95	91	568
567	94	92	95	90	567
566	93	92	94	90	566
565	93	92	94	90	565
564	93	92	94	89	564
563	93	91	94	89	563
562	92	91	93	89	562
561	92	91	93	89	561
560	91	90	93	88	560
559	91	90	92	88	559
558	91	90	92	88	558
557	91	89	92	87	557
556	90	89	91	87	556
555	90	89	91	87	555
554	89	88	90	87	554
553	89	88	90	86	553
552	89	88	90	86	552
551	88	87	89	86	551
550	88	87	89	85	550
549	87	86	88	85	549
548	87	86	88	85	548
547	87	85	87	85	547
546	86	85	87	84	546

Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
545	86	84	87	84	545
544	85	84	86	83	544
543	85	83	86	83	543
542	84	83	85	82	542
541	84	82	84	82	541
540	83	82	84	82	540
539	83	81	83	81	539
538	82	81	83	81	538
537	82	80	82	81	537
536	81	79	82	80	536
535	81	78	81	80	535
534	80	78	80	80	534
533	80	77	80	79	533
532	79	76	79	79	532
531	78	76	78	78	531
530	78	75	78	78	530
529	77	74	77	77	529
528	76	74	76	77	528
527	75	73	76	76	527
526	75	72	75	76	526
525	74	72	74	76	525
524	73	71	74	75	524
523	72	70	73	75	523
522	72	70	72	75	522
521	71	69	72	74	521
520	71	68	71	74	520
519	70	68	70	73	519
518	69	67	69	73	518
517	69	66	68	72	517
516	68	66	68	72	516
515	67	65	67	71	515
514	67	65	66	70	514
513	66	64	66	70	513
512	66	63	65	69	512
511	65	62	64	69	511
510	64	62	63	68	510
509	64	61	63	67	509
508	63	60	62	66	508
507	62	59	61	66	507
506	61	58	60	65	506
505	60	57	59	65	505
504	60	57	58	64	504
503	59	56	58	63	503
502	58	55	57	63	502
501	57	54	56	62	501

Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
500	56	53	55	62	500
499	56	52	55	61	499
498	55	52	54	61	498
497	54	51	53	60	497
496	53	50	52	59	496
495	53	50	51	58	495
494	52	49	51	58	494
493	51	48	50	57	493
492	51	48	49	56	492
491	50	47	48	56	491
490	49	47	48	55	490
489	48	46	47	55	489
488	48	45	46	54	488
487	47	44	46	53	487
486	46	43	44	52	486
485	46	43	44	51	485
484	45	42	43	51	484
483	45	41	42	50	483
482	44	41	41	49	482
481	44	40	41	48	481
480	43	39	40	47	480
479	42	39	39	47	479
478	41	38	39	46	478
477	41	38	38	45	477
476	40	37	37	44	476
475	39	36	36	43	475
474	38	35	35	43	474
473	37	35	34	42	473
472	37	34	34	41	472
471	36	33	33	40	471
470	35	33	32	39	470
469	35	32	32	38	469
468	34	31	31	37	468
467	33	31	30	36	467
466	33	30	30	35	466
465	32	29	29	34	465
464	31	29	28	34	464
463	31	28	28	33	463
462	30	27	27	32	462
461	29	27	26	31	461
460	29	26	26	30	460
459	28	25	25	29	459
458	27	25	24	28	458
457	27	24	24	27	457
456	26	23	23	27	456

Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
455	25	23	22	26	455
454	25	22	22	25	454
453	24	22	21	24	453
452	23	21	21	22	452
451	23	21	21	21	451
450	22	20	20	20	450
449	21	20	19	19	449
448	21	19	19	18	448
447	21	19	18	17	447
446	20	18	17	16	446
445	20	18	17	16	445
444	19	17	16	15	444
443	18	17	16	14	443
442	17	16	16	13	442
441	17	16	15	12	441
440	16	15	14	12	440
439	15	15	14	11	439
438	14	14	13	10	438
437	14	14	13	10	437
436	14	13	12	9	436
435	13	13	12	9	435
434	13	12	11	8	434
433	12	12	11	7	433
432	11	11	10	6	432
431	11	11	10	6	431
430	11	10	9	5	430
429	10	10	9	5	429
428	10	10	8	4	428
427	9	9	8	4	427
426	8	9	7	4	426
425	8	9	7	3	425
424	7	8	7	2	424
423	7	8	6	1	423
422	7	8	6	1	422
421	6	7	5	1	421
420	6	7	5	1	420
419	5	7	5	1	419
418	5	6	4	1	418
417	5	6	4	1	417
416	4	6	4	1	416
415	4	5	3	1	415
414	4	5	3	1	414
413	3	5	3	1	413
412	3	4	2	1	412
411	3	4	2	1	411

Table 5: Grade 7 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
410	2	4	2	1	410
409	2	3	2	1	409
408	2	3	2	1	408
407	2	3	1	1	407
406	2	3	1	1	406
405	1	2	1	1	405
404	1	2	1	1	404
403	1	2	1	1	403
402	1	2	1	1	402
401	1	2	1	1	401
400	1	2	1	1	400
399	1	1	1	1	399
398	1	1	1	1	398
397	1	1	1	1	397
396	1	1	1	1	396
395	1	1	1	1	395
394	1	1	1	1	394
393	1	1	1	1	393
392	1	1	1	1	392
391	1	1	1	1	391
390	1	1	1	1	390
389	1	1	1	1	389
388	1	1	1	1	388
387	1	1	1	1	387
386	1	1	1	1	386
385	1	1	1	1	385
384	1	1	1	1	384
383	1	1	1	1	383
382	1	1	1	1	382
381	1	1	1	1	381
380	1	1	1	1	380
379	1	1	1	1	379
378	1	1	1	1	378
377	1	1	1	1	377
376	1	1	1	1	376
375	1	1	1	1	375
374	1	1	1	1	374
373	1	1	1	1	373
372	1	1	1	1	372
371	1	1	1	1	371
370	1	1	1	1	370

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
720	99	99	99	99	99	720
719	99	99	99	99	99	719
718	99	99	99	99	99	718
717	99	99	99	99	99	717
716	99	99	99	99	99	716
715	99	99	99	99	99	715
714	99	99	99	99	99	714
713	99	99	99	99	99	713
712	99	99	99	99	99	712
711	99	99	99	99	99	711
710	99	99	99	99	99	710
709	99	99	99	99	99	709
708	99	99	99	99	99	708
707	99	99	99	99	99	707
706	99	99	99	99	99	706
705	99	99	99	99	99	705
704	99	99	99	99	99	704
703	99	99	99	99	99	703
702	99	99	99	99	99	702
701	99	99	99	99	99	701
700	99	99	99	99	99	700
699	99	99	99	99	99	699
698	99	99	99	99	99	698
697	99	99	99	99	99	697
696	99	99	99	99	99	696
695	99	99	99	99	99	695
694	99	99	99	99	99	694
693	99	99	99	99	99	693
692	99	99	99	99	99	692
691	99	99	99	99	99	691
690	99	99	99	99	99	690
689	99	99	99	99	99	689
688	99	99	99	99	99	688
687	99	99	99	99	99	687
686	99	99	99	99	99	686
685	99	99	99	99	99	685
684	99	99	99	99	99	684
683	99	99	99	99	99	683
682	99	99	99	99	99	682
681	99	99	99	99	98	681
680	99	99	99	99	98	680
679	99	99	99	99	98	679
678	99	99	99	99	98	678
677	99	99	99	99	98	677
676	99	99	99	99	98	676

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
675	99	99	99	99	98	675
674	99	99	99	99	98	674
673	99	99	99	99	98	673
672	99	99	99	99	98	672
671	99	99	99	99	98	671
670	99	99	99	99	98	670
669	99	99	99	99	97	669
668	99	99	99	99	97	668
667	99	99	99	99	97	667
666	99	99	99	99	97	666
665	99	99	99	99	97	665
664	99	99	99	99	97	664
663	99	99	99	99	96	663
662	99	99	99	98	96	662
661	99	99	99	98	96	661
660	99	99	99	98	96	660
659	99	99	99	98	96	659
658	99	99	99	98	96	658
657	99	99	99	98	95	657
656	99	99	99	98	95	656
655	99	99	99	98	95	655
654	99	99	99	98	95	654
653	99	99	99	98	95	653
652	99	99	99	98	95	652
651	99	99	99	98	94	651
650	99	99	99	97	94	650
649	99	99	99	97	94	649
648	99	99	99	97	94	648
647	99	99	99	97	94	647
646	99	99	99	97	94	646
645	99	99	99	97	93	645
644	99	99	99	97	93	644
643	99	99	99	97	93	643
642	99	99	99	97	92	642
641	99	99	99	97	92	641
640	98	99	99	96	92	640
639	97	99	99	96	92	639
638	97	99	99	96	91	638
637	97	99	99	96	91	637
636	97	99	99	96	91	636
635	97	99	99	96	91	635
634	97	99	99	96	91	634
633	97	98	99	96	90	633
632	97	98	99	96	90	632
631	97	98	99	96	90	631

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
630	97	98	99	95	90	630
629	97	98	98	95	89	629
628	97	98	98	95	89	628
627	96	98	98	95	89	627
626	96	98	98	95	89	626
625	96	98	98	95	88	625
624	96	97	98	95	88	624
623	96	97	98	95	88	623
622	96	97	98	95	88	622
621	96	96	98	94	88	621
620	96	96	97	94	87	620
619	96	96	97	94	87	619
618	96	96	97	94	87	618
617	96	95	97	94	86	617
616	96	95	97	94	86	616
615	96	95	96	94	86	615
614	95	95	96	94	85	614
613	95	95	96	93	85	613
612	95	95	96	93	85	612
611	95	94	96	93	84	611
610	94	94	95	93	84	610
609	94	94	95	92	84	609
608	94	93	95	92	83	608
607	93	93	95	92	83	607
606	93	93	94	92	83	606
605	92	93	94	91	82	605
604	92	92	94	91	82	604
603	92	92	93	91	82	603
602	91	91	93	90	81	602
601	91	91	93	90	81	601
600	90	91	92	90	80	600
599	90	90	92	90	80	599
598	90	90	92	89	80	598
597	89	89	91	89	79	597
596	89	89	90	89	79	596
595	89	88	90	89	79	595
594	88	88	90	89	78	594
593	88	87	89	89	78	593
592	87	87	89	89	78	592
591	87	86	88	89	77	591
590	86	86	88	88	77	590
589	86	85	87	88	77	589
588	85	85	87	88	76	588
587	85	85	86	87	76	587
586	85	84	86	87	76	586

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
585	84	84	85	87	75	585
584	84	83	85	86	75	584
583	83	82	84	86	75	583
582	83	82	84	86	74	582
581	82	81	83	85	74	581
580	82	80	82	85	73	580
579	81	80	82	85	73	579
578	81	79	81	85	72	578
577	80	79	81	84	72	577
576	79	78	80	84	72	576
575	79	77	80	83	71	575
574	78	76	79	83	71	574
573	78	75	78	82	70	573
572	77	75	77	82	70	572
571	77	74	77	81	69	571
570	76	73	76	81	69	570
569	76	73	76	81	68	569
568	75	72	75	80	68	568
567	75	71	74	80	67	567
566	74	71	74	80	67	566
565	74	70	73	80	67	565
564	73	69	72	79	66	564
563	72	68	71	79	66	563
562	72	68	71	78	65	562
561	71	67	70	78	65	561
560	70	66	69	77	64	560
559	69	66	69	77	64	559
558	69	65	68	76	63	558
557	68	64	67	76	63	557
556	67	63	67	76	62	556
555	66	62	66	75	62	555
554	66	62	65	75	61	554
553	65	61	65	75	61	553
552	65	61	64	74	60	552
551	64	60	63	73	60	551
550	64	59	62	73	60	550
549	63	59	62	72	59	549
548	63	58	61	72	59	548
547	62	58	60	71	58	547
546	61	57	60	71	58	546
545	61	56	59	70	58	545
544	60	56	58	70	57	544
543	59	55	57	69	57	543
542	59	54	57	69	56	542
541	58	53	56	68	56	541

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
540	57	53	55	68	55	540
539	57	52	54	67	54	539
538	56	51	54	67	54	538
537	55	50	53	66	53	537
536	55	50	52	66	53	536
535	54	49	51	65	52	535
534	54	48	51	64	52	534
533	53	47	50	64	51	533
532	53	46	49	63	50	532
531	52	46	49	63	49	531
530	52	45	48	62	48	530
529	51	44	47	61	48	529
528	50	44	47	60	47	528
527	50	43	46	59	47	527
526	49	43	45	59	46	526
525	49	42	44	58	46	525
524	48	41	44	58	45	524
523	47	40	43	57	45	523
522	47	39	43	57	45	522
521	46	38	42	56	44	521
520	45	38	41	56	44	520
519	45	37	41	55	43	519
518	44	37	40	54	43	518
517	44	36	39	53	43	517
516	43	35	39	52	42	516
515	42	35	38	52	42	515
514	42	34	38	51	41	514
513	41	34	37	50	41	513
512	41	33	36	50	40	512
511	40	33	36	49	39	511
510	40	32	35	49	39	510
509	39	32	35	48	38	509
508	39	31	34	47	38	508
507	38	30	33	46	37	507
506	38	30	33	45	37	506
505	37	29	32	45	36	505
504	37	29	32	44	35	504
503	36	28	31	43	35	503
502	36	28	31	42	34	502
501	35	27	30	41	34	501
500	35	27	30	41	33	500
499	34	26	29	40	33	499
498	34	26	28	39	32	498
497	33	25	28	38	32	497
496	32	25	27	37	31	496

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
495	32	24	27	37	30	495
494	31	23	26	36	30	494
493	31	23	26	35	29	493
492	30	22	25	34	28	492
491	30	22	25	33	28	491
490	29	22	24	33	27	490
489	28	21	24	32	27	489
488	28	21	23	31	26	488
487	28	21	23	31	26	487
486	27	20	22	30	26	486
485	27	20	22	30	25	485
484	26	19	21	29	25	484
483	26	19	21	28	24	483
482	25	19	21	27	24	482
481	25	18	20	26	23	481
480	25	18	19	25	23	480
479	25	17	19	24	22	479
478	24	17	19	23	21	478
477	24	16	18	22	21	477
476	23	16	18	22	20	476
475	23	15	18	21	19	475
474	22	15	17	20	19	474
473	22	14	16	19	18	473
472	21	14	16	18	18	472
471	21	14	16	18	17	471
470	20	13	15	17	17	470
469	20	13	15	16	17	469
468	19	13	14	15	16	468
467	18	13	14	14	16	467
466	18	12	14	14	15	466
465	18	12	13	13	15	465
464	17	12	13	12	14	464
463	17	11	13	11	14	463
462	16	11	12	11	13	462
461	16	11	12	10	13	461
460	15	10	11	10	12	460
459	15	10	11	9	12	459
458	15	10	11	9	11	458
457	15	10	10	8	11	457
456	14	9	10	8	10	456
455	14	9	10	7	10	455
454	13	9	10	7	9	454
453	13	8	9	6	9	453
452	12	8	9	5	8	452
451	12	8	9	5	8	451

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
450	11	8	8	4	7	450
449	11	8	8	4	7	449
448	10	8	8	3	7	448
447	10	8	7	3	6	447
446	10	7	7	2	6	446
445	9	7	7	2	6	445
444	9	7	7	2	6	444
443	9	6	6	2	5	443
442	9	6	6	2	5	442
441	8	6	6	1	5	441
440	8	5	5	1	5	440
439	7	5	5	1	4	439
438	7	5	5	1	4	438
437	7	5	5	1	3	437
436	6	5	5	1	3	436
435	6	5	4	1	3	435
434	6	5	4	1	2	434
433	5	4	4	1	2	433
432	5	4	4	1	2	432
431	5	4	3	1	1	431
430	5	4	3	1	1	430
429	4	4	3	1	1	429
428	4	4	3	1	1	428
427	4	3	2	1	1	427
426	3	3	2	1	1	426
425	3	3	2	1	1	425
424	3	3	2	1	1	424
423	3	3	2	1	1	423
422	3	3	2	1	1	422
421	3	3	1	1	1	421
420	2	2	1	1	1	420
419	2	2	1	1	1	419
418	2	2	1	1	1	418
417	2	2	1	1	1	417
416	2	2	1	1	1	416
415	2	2	1	1	1	415
414	1	2	1	1	1	414
413	1	2	1	1	1	413
412	1	2	1	1	1	412
411	1	2	1	1	1	411
410	1	2	1	1	1	410
409	1	2	1	1	1	409
408	1	1	1	1	1	408
407	1	1	1	1	1	407
406	1	1	1	1	1	406

Table 6: Grade 8 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
405	1	1	1	1	1	405
404	1	1	1	1	1	404
403	1	1	1	1	1	403
402	1	1	1	1	1	402
401	1	1	1	1	1	401
400	1	1	1	1	1	400
399	1	1	1	1	1	399
398	1	1	1	1	1	398
397	1	1	1	1	1	397
396	1	1	1	1	1	396
395	1	1	1	1	1	395
394	1	1	1	1	1	394
393	1	1	1	1	1	393
392	1	1	1	1	1	392
391	1	1	1	1	1	391
390	1	1	1	1	1	390
389	1	1	1	1	1	389
388	1	1	1	1	1	388
387	1	1	1	1	1	387
386	1	1	1	1	1	386
385	1	1	1	1	1	385

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
750	99	99	99	99	750
749	99	99	99	99	749
748	99	99	99	99	748
747	99	99	99	99	747
746	99	99	99	99	746
745	99	99	99	99	745
744	99	99	99	99	744
743	99	99	99	99	743
742	99	99	99	99	742
741	99	99	99	99	741
740	99	99	99	99	740
739	99	99	99	99	739
738	99	99	99	99	738
737	99	99	99	99	737
736	99	99	99	99	736
735	99	99	99	99	735
734	99	99	99	99	734
733	99	99	99	99	733
732	99	99	99	99	732
731	99	99	99	99	731
730	99	99	99	99	730
729	99	99	99	99	729
728	99	99	99	99	728
727	99	99	99	99	727
726	99	99	99	99	726
725	99	99	99	99	725
724	99	99	99	99	724
723	99	99	99	99	723
722	99	99	99	99	722
721	99	99	99	99	721
720	99	99	99	99	720
719	99	99	99	99	719
718	99	99	99	99	718
717	99	99	99	99	717
716	99	99	99	99	716
715	99	99	99	99	715
714	99	99	99	99	714
713	99	99	99	99	713
712	99	99	99	99	712
711	99	99	99	99	711
710	99	99	99	99	710
709	99	99	99	99	709
708	99	99	99	99	708
707	99	99	99	99	707
706	99	99	99	99	706

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
705	99	99	99	99	705
704	99	99	99	99	704
703	99	99	99	99	703
702	99	99	99	99	702
701	99	99	99	99	701
700	99	99	99	99	700
699	99	99	99	99	699
698	99	99	99	99	698
697	99	99	99	99	697
696	99	99	99	99	696
695	99	99	99	99	695
694	98	99	99	99	694
693	98	99	99	99	693
692	98	99	99	98	692
691	98	99	99	98	691
690	98	99	99	98	690
689	98	99	99	98	689
688	98	99	99	98	688
687	98	99	99	98	687
686	98	99	99	98	686
685	98	99	99	98	685
684	98	99	99	98	684
683	98	99	99	98	683
682	98	99	99	98	682
681	98	99	99	98	681
680	98	99	99	98	680
679	98	99	99	98	679
678	98	99	99	98	678
677	98	99	99	98	677
676	98	99	99	97	676
675	98	99	99	97	675
674	98	99	99	97	674
673	97	99	99	97	673
672	97	99	99	97	672
671	97	99	99	97	671
670	97	99	99	97	670
669	97	99	99	97	669
668	97	99	99	97	668
667	97	99	99	97	667
666	97	99	99	97	666
665	97	99	99	97	665
664	97	99	99	97	664
663	97	99	99	97	663
662	97	99	99	97	662
661	97	99	99	96	661

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
660	97	99	99	96	660
659	96	99	98	96	659
658	96	99	98	96	658
657	96	99	98	96	657
656	96	98	98	96	656
655	96	98	98	95	655
654	96	98	98	95	654
653	96	98	98	95	653
652	96	98	98	95	652
651	96	98	98	95	651
650	96	98	98	95	650
649	96	98	97	94	649
648	96	97	97	94	648
647	95	97	97	94	647
646	95	97	97	94	646
645	95	97	97	94	645
644	95	96	97	94	644
643	95	96	97	94	643
642	95	96	97	94	642
641	95	96	96	94	641
640	95	95	96	94	640
639	94	95	96	94	639
638	94	95	96	94	638
637	94	95	96	93	637
636	94	95	96	93	636
635	94	95	96	93	635
634	93	95	95	93	634
633	93	95	95	93	633
632	93	94	95	93	632
631	93	94	95	92	631
630	92	94	95	92	630
629	92	94	94	92	629
628	92	93	94	92	628
627	92	93	94	92	627
626	91	93	94	92	626
625	91	93	93	91	625
624	91	92	93	91	624
623	90	92	93	91	623
622	90	91	93	90	622
621	90	91	92	90	621
620	89	91	92	90	620
619	89	90	92	90	619
618	88	90	91	89	618
617	88	90	91	89	617
616	88	89	91	89	616

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
615	88	89	91	88	615
614	87	88	90	88	614
613	87	88	89	88	613
612	87	88	89	87	612
611	86	87	89	87	611
610	86	87	88	87	610
609	85	87	88	86	609
608	85	86	88	86	608
607	85	86	87	86	607
606	84	85	87	86	606
605	84	85	86	85	605
604	83	84	86	85	604
603	83	84	86	85	603
602	83	83	85	84	602
601	82	83	84	84	601
600	82	82	84	84	600
599	82	82	84	83	599
598	81	81	83	83	598
597	81	81	83	83	597
596	81	80	82	83	596
595	80	80	82	82	595
594	80	79	81	82	594
593	79	79	81	82	593
592	79	78	80	81	592
591	78	78	80	81	591
590	78	77	79	81	590
589	78	77	79	80	589
588	77	76	78	80	588
587	77	76	78	80	587
586	76	75	77	79	586
585	76	75	76	79	585
584	75	74	76	78	584
583	75	74	76	78	583
582	74	73	75	77	582
581	74	72	74	77	581
580	73	72	74	76	580
579	73	71	73	76	579
578	72	70	73	76	578
577	72	70	72	75	577
576	72	69	71	75	576
575	71	68	71	74	575
574	71	68	70	74	574
573	70	67	69	73	573
572	70	66	69	73	572
571	69	66	69	72	571

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
570	69	65	68	72	570
569	68	65	67	72	569
568	68	64	66	71	568
567	67	64	66	71	567
566	67	63	65	70	566
565	66	62	64	70	565
564	66	62	64	69	564
563	65	61	63	69	563
562	65	60	63	68	562
561	64	60	62	68	561
560	64	59	61	67	560
559	63	59	61	67	559
558	63	58	60	66	558
557	62	57	60	66	557
556	61	56	59	65	556
555	61	56	58	65	555
554	60	55	58	64	554
553	60	55	57	64	553
552	59	54	56	64	552
551	58	54	56	63	551
550	58	53	55	63	550
549	57	52	55	62	549
548	57	52	54	62	548
547	56	51	53	61	547
546	55	50	53	61	546
545	55	50	52	60	545
544	54	49	51	60	544
543	54	49	51	59	543
542	53	48	50	58	542
541	52	47	50	57	541
540	52	47	49	57	540
539	51	46	48	56	539
538	51	45	48	56	538
537	50	45	47	55	537
536	49	44	46	55	536
535	49	44	46	54	535
534	48	43	45	54	534
533	48	42	45	53	533
532	47	42	44	53	532
531	46	41	43	52	531
530	46	40	43	52	530
529	45	40	42	51	529
528	45	39	41	51	528
527	44	39	41	50	527
526	43	38	40	50	526

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
525	43	38	39	49	525
524	42	37	39	48	524
523	42	37	38	47	523
522	41	36	38	46	522
521	41	36	37	46	521
520	40	35	37	45	520
519	40	35	36	45	519
518	39	34	35	44	518
517	38	34	35	43	517
516	38	33	34	42	516
515	37	33	34	42	515
514	36	32	33	41	514
513	36	32	32	41	513
512	35	31	32	40	512
511	34	31	31	39	511
510	34	30	31	39	510
509	33	30	30	38	509
508	32	29	30	38	508
507	32	29	29	37	507
506	32	28	28	37	506
505	31	28	28	36	505
504	31	27	28	36	504
503	30	27	27	35	503
502	30	26	26	35	502
501	29	26	26	34	501
500	29	26	26	33	500
499	28	25	25	32	499
498	28	25	24	32	498
497	27	25	24	31	497
496	27	24	24	31	496
495	26	24	23	30	495
494	26	24	23	29	494
493	25	23	22	28	493
492	25	23	22	27	492
491	24	22	21	27	491
490	23	22	21	26	490
489	23	22	20	25	489
488	23	21	20	24	488
487	22	21	20	23	487
486	22	21	19	23	486
485	21	20	18	22	485
484	21	20	18	22	484
483	20	19	18	21	483
482	20	19	17	20	482
481	19	19	17	19	481

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
480	19	18	17	18	480
479	19	18	17	17	479
478	18	17	16	17	478
477	18	17	15	16	477
476	17	17	15	15	476
475	17	16	15	14	475
474	16	16	14	13	474
473	15	16	14	13	473
472	15	15	14	12	472
471	15	15	14	12	471
470	15	14	13	11	470
469	14	14	13	10	469
468	14	14	12	9	468
467	13	13	12	9	467
466	13	13	12	8	466
465	12	13	11	7	465
464	12	12	11	7	464
463	12	12	11	6	463
462	12	12	10	6	462
461	11	12	10	5	461
460	11	11	10	5	460
459	10	11	10	4	459
458	10	11	9	4	458
457	9	11	9	4	457
456	9	10	8	3	456
455	9	10	8	3	455
454	9	10	8	2	454
453	8	10	7	2	453
452	8	9	7	2	452
451	7	9	7	1	451
450	7	9	7	1	450
449	6	9	6	1	449
448	6	8	6	1	448
447	6	8	6	1	447
446	6	8	6	1	446
445	5	8	5	1	445
444	5	7	5	1	444
443	5	7	5	1	443
442	5	7	4	1	442
441	5	7	4	1	441
440	4	6	4	1	440
439	4	6	4	1	439
438	4	6	3	1	438
437	4	6	3	1	437
436	3	6	3	1	436

Table 7: Grade 9 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
435	3	6	3	1	435
434	3	6	2	1	434
433	3	5	2	1	433
432	2	5	2	1	432
431	2	5	2	1	431
430	2	4	1	1	430
429	2	4	1	1	429
428	1	4	1	1	428
427	1	3	1	1	427
426	1	3	1	1	426
425	1	3	1	1	425
424	1	3	1	1	424
423	1	2	1	1	423
422	1	2	1	1	422
421	1	2	1	1	421
420	1	2	1	1	420
419	1	2	1	1	419
418	1	1	1	1	418
417	1	1	1	1	417
416	1	1	1	1	416
415	1	1	1	1	415
414	1	1	1	1	414
413	1	1	1	1	413
412	1	1	1	1	412
411	1	1	1	1	411
410	1	1	1	1	410

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
780	99	99	99	99	99	780
779	99	99	99	99	99	779
778	99	99	99	99	99	778
777	99	99	99	99	99	777
776	99	99	99	99	99	776
775	99	99	99	99	99	775
774	99	99	99	99	99	774
773	99	99	99	99	99	773
772	99	99	99	99	99	772
771	99	99	99	99	99	771
770	99	99	99	99	99	770
769	99	99	99	99	99	769
768	99	99	99	99	99	768
767	99	99	99	99	99	767
766	99	99	99	99	99	766
765	99	99	99	99	99	765
764	99	99	99	99	99	764
763	99	99	99	99	99	763
762	99	99	99	99	99	762
761	99	99	99	99	99	761
760	99	99	99	99	99	760
759	99	99	99	99	99	759
758	99	99	99	99	99	758
757	99	99	99	99	99	757
756	99	99	99	99	99	756
755	99	99	99	99	99	755
754	99	99	99	99	99	754
753	99	99	99	99	99	753
752	99	99	99	99	99	752
751	99	99	99	99	99	751
750	99	99	99	99	99	750
749	99	99	99	99	99	749
748	99	99	99	99	99	748
747	99	99	99	99	99	747
746	99	99	99	99	99	746
745	99	99	99	99	99	745
744	99	99	99	99	99	744
743	99	99	99	99	99	743
742	99	99	99	99	99	742
741	99	99	99	99	99	741
740	99	99	99	99	99	740
739	99	99	99	99	99	739
738	99	99	99	99	99	738
737	99	99	99	99	99	737
736	99	99	99	99	99	736

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
735	99	99	99	99	99	735
734	99	99	99	99	99	734
733	99	99	99	99	99	733
732	99	99	99	99	99	732
731	99	99	99	99	99	731
730	99	99	99	99	99	730
729	98	99	99	99	99	729
728	98	99	99	99	99	728
727	98	99	99	99	99	727
726	98	99	99	99	99	726
725	98	99	99	99	99	725
724	98	99	99	99	99	724
723	98	99	99	99	99	723
722	98	99	99	99	99	722
721	98	99	99	99	99	721
720	98	99	99	99	99	720
719	98	99	99	99	99	719
718	98	99	99	99	99	718
717	98	99	99	99	99	717
716	98	99	99	98	99	716
715	98	99	99	98	99	715
714	98	99	99	98	99	714
713	98	99	99	98	99	713
712	98	99	99	98	99	712
711	98	99	99	98	99	711
710	98	99	99	98	99	710
709	98	99	99	98	99	709
708	98	99	99	98	99	708
707	97	99	99	98	99	707
706	97	99	99	98	99	706
705	97	99	99	98	99	705
704	97	99	99	98	99	704
703	97	99	99	98	99	703
702	97	99	99	98	99	702
701	97	99	99	97	99	701
700	97	99	99	97	99	700
699	96	99	99	97	99	699
698	96	99	99	97	99	698
697	96	99	99	97	99	697
696	96	99	99	97	99	696
695	96	99	99	97	99	695
694	96	99	99	97	99	694
693	96	99	99	97	99	693
692	96	99	99	97	98	692
691	96	98	99	97	98	691

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
690	96	98	99	97	98	690
689	96	98	98	97	98	689
688	95	98	98	97	98	688
687	95	98	98	96	98	687
686	95	98	98	96	97	686
685	95	98	98	96	97	685
684	95	98	98	96	97	684
683	95	98	98	96	97	683
682	95	98	98	95	97	682
681	94	98	98	95	97	681
680	94	98	98	95	97	680
679	94	98	98	95	96	679
678	94	98	97	95	96	678
677	93	98	97	95	96	677
676	93	98	97	95	96	676
675	93	98	97	94	96	675
674	93	98	97	94	96	674
673	93	98	97	94	96	673
672	93	98	97	94	96	672
671	92	98	97	94	96	671
670	92	98	96	94	96	670
669	92	97	96	94	96	669
668	92	97	96	94	96	668
667	91	97	96	94	95	667
666	91	97	96	94	95	666
665	91	96	96	94	95	665
664	91	96	95	94	95	664
663	90	96	95	93	94	663
662	90	96	95	93	94	662
661	90	95	95	93	94	661
660	89	95	94	93	94	660
659	89	95	94	92	93	659
658	89	95	94	92	93	658
657	89	95	94	92	93	657
656	88	95	93	92	93	656
655	88	95	93	92	92	655
654	88	94	93	92	92	654
653	87	94	93	91	92	653
652	87	94	93	91	92	652
651	86	94	92	91	92	651
650	86	94	92	90	91	650
649	86	94	92	90	91	649
648	85	94	91	90	91	648
647	85	93	91	89	91	647
646	84	93	91	89	91	646

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
645	84	93	90	89	90	645
644	84	92	90	89	90	644
643	83	92	89	88	90	643
642	83	92	89	88	89	642
641	82	92	89	88	89	641
640	82	91	88	88	89	640
639	82	91	88	88	88	639
638	81	90	88	87	88	638
637	81	90	87	87	88	637
636	80	90	87	87	88	636
635	80	89	87	87	87	635
634	79	89	86	87	87	634
633	79	88	85	86	86	633
632	78	88	85	86	86	632
631	78	88	85	86	85	631
630	78	87	84	85	85	630
629	77	87	84	85	85	629
628	77	87	84	85	84	628
627	76	87	83	84	84	627
626	76	86	82	84	84	626
625	75	86	82	84	83	625
624	75	85	82	84	83	624
623	74	85	81	83	82	623
622	74	85	80	83	82	622
621	73	84	80	83	81	621
620	72	84	79	82	81	620
619	72	83	79	82	80	619
618	71	83	79	82	80	618
617	71	82	78	81	80	617
616	70	82	77	81	79	616
615	70	82	77	81	79	615
614	69	81	76	80	78	614
613	68	81	76	80	78	613
612	68	80	75	79	77	612
611	67	80	75	79	77	611
610	67	79	74	79	76	610
609	66	78	73	78	76	609
608	65	78	73	78	76	608
607	65	77	72	78	75	607
606	64	77	71	77	75	606
605	64	76	71	77	74	605
604	63	76	71	76	74	604
603	63	75	70	76	73	603
602	62	74	69	75	73	602
601	62	74	69	75	73	601

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
600	61	73	68	74	72	600
599	61	73	67	74	72	599
598	60	72	67	74	71	598
597	59	72	66	73	71	597
596	59	71	66	73	70	596
595	58	70	65	72	70	595
594	58	70	64	72	69	594
593	57	69	64	71	69	593
592	57	69	63	71	68	592
591	56	68	62	70	68	591
590	56	68	62	70	67	590
589	55	67	61	69	67	589
588	55	66	60	69	66	588
587	54	66	60	68	65	587
586	53	65	59	68	65	586
585	53	65	58	67	64	585
584	52	64	58	67	63	584
583	51	64	57	66	63	583
582	51	63	57	66	62	582
581	50	62	56	65	61	581
580	49	62	55	65	61	580
579	48	61	55	64	60	579
578	48	61	54	64	60	578
577	47	60	53	63	59	577
576	46	59	53	63	58	576
575	46	59	52	62	58	575
574	46	58	51	62	57	574
573	45	57	51	61	57	573
572	45	56	50	60	56	572
571	44	56	49	59	55	571
570	44	55	49	59	54	570
569	43	55	48	58	54	569
568	43	54	47	57	53	568
567	42	53	47	57	53	567
566	41	53	46	56	52	566
565	41	52	46	56	52	565
564	41	52	45	55	51	564
563	40	51	44	55	50	563
562	40	50	44	54	50	562
561	39	49	43	54	49	561
560	39	49	42	53	48	560
559	38	48	42	53	48	559
558	38	47	41	52	47	558
557	37	47	40	52	46	557
556	36	46	40	51	45	556

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
555	36	46	39	50	45	555
554	35	45	39	49	44	554
553	35	44	38	48	43	553
552	34	44	37	48	43	552
551	34	43	37	47	42	551
550	33	43	36	47	41	550
549	33	42	36	46	41	549
548	32	42	35	46	40	548
547	31	41	35	45	39	547
546	31	40	34	45	38	546
545	30	40	33	44	38	545
544	30	39	33	44	37	544
543	29	39	32	43	37	543
542	29	38	32	42	36	542
541	28	38	31	41	36	541
540	28	37	31	40	35	540
539	27	36	30	39	35	539
538	26	36	29	39	34	538
537	26	35	29	39	34	537
536	26	35	28	38	33	536
535	25	34	28	37	33	535
534	25	34	27	36	32	534
533	24	33	27	36	31	533
532	24	32	26	35	30	532
531	23	32	26	34	29	531
530	23	31	25	34	29	530
529	22	31	25	33	28	529
528	22	30	24	33	27	528
527	22	30	24	32	27	527
526	21	29	23	32	26	526
525	21	28	23	31	26	525
524	20	28	22	30	25	524
523	20	27	22	30	25	523
522	19	27	21	29	24	522
521	18	26	21	28	24	521
520	18	26	20	27	23	520
519	18	25	20	26	22	519
518	18	25	19	25	22	518
517	17	24	19	24	21	517
516	17	24	19	24	21	516
515	17	24	18	23	20	515
514	16	23	18	23	19	514
513	16	23	17	22	18	513
512	15	22	17	21	18	512
511	15	21	17	21	17	511

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
510	15	21	16	20	17	510
509	15	20	16	20	16	509
508	14	20	15	19	15	508
507	14	19	15	18	15	507
506	13	19	15	18	14	506
505	13	18	14	17	14	505
504	12	18	14	17	13	504
503	12	18	13	16	13	503
502	12	17	13	16	12	502
501	12	17	13	15	12	501
500	11	16	12	15	11	500
499	11	16	12	14	11	499
498	11	16	12	13	11	498
497	10	15	11	12	10	497
496	10	15	11	12	10	496
495	9	15	11	11	9	495
494	9	15	10	11	9	494
493	9	14	10	10	8	493
492	9	14	10	9	8	492
491	8	13	9	9	8	491
490	8	13	9	8	7	490
489	8	13	9	8	7	489
488	7	12	8	7	6	488
487	7	12	8	7	6	487
486	6	11	8	6	5	486
485	6	11	7	6	5	485
484	6	11	7	6	4	484
483	5	11	7	5	4	483
482	5	10	6	5	3	482
481	5	10	6	4	3	481
480	5	10	6	4	3	480
479	4	9	6	4	3	479
478	4	9	5	3	3	478
477	4	9	5	3	3	477
476	4	8	5	3	3	476
475	3	8	5	2	2	475
474	3	8	4	2	2	474
473	3	8	4	2	2	473
472	3	7	4	1	2	472
471	2	7	3	1	1	471
470	2	7	3	1	1	470
469	2	6	3	1	1	469
468	2	6	3	1	1	468
467	2	6	3	1	1	467
466	2	6	3	1	1	466

Table 8: Grade 10 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Science	Scale Score
465	2	5	2	1	1	465
464	2	5	2	1	1	464
463	1	5	2	1	1	463
462	1	5	2	1	1	462
461	1	5	1	1	1	461
460	1	5	1	1	1	460
459	1	5	1	1	1	459
458	1	4	1	1	1	458
457	1	4	1	1	1	457
456	1	4	1	1	1	456
455	1	4	1	1	1	455
454	1	4	1	1	1	454
453	1	4	1	1	1	453
452	1	4	1	1	1	452
451	1	3	1	1	1	451
450	1	3	1	1	1	450
449	1	3	1	1	1	449
448	1	3	1	1	1	448
447	1	3	1	1	1	447
446	1	2	1	1	1	446
445	1	2	1	1	1	445
444	1	2	1	1	1	444
443	1	1	1	1	1	443
442	1	1	1	1	1	442
441	1	1	1	1	1	441
440	1	1	1	1	1	440
439	1	1	1	1	1	439
438	1	1	1	1	1	438
437	1	1	1	1	1	437
436	1	1	1	1	1	436
435	1	1	1	1	1	435

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
800	99	99	99	99	800
799	99	99	99	99	799
798	99	99	99	99	798
797	99	99	99	99	797
796	99	99	99	99	796
795	99	99	99	99	795
794	99	99	99	99	794
793	99	99	99	99	793
792	99	99	99	99	792
791	99	99	99	99	791
790	99	99	99	99	790
789	99	99	99	99	789
788	99	99	99	99	788
787	99	99	99	99	787
786	98	99	99	99	786
785	98	99	99	99	785
784	98	99	99	99	784
783	98	99	99	99	783
782	98	99	99	98	782
781	98	99	99	98	781
780	98	99	99	98	780
779	98	99	99	98	779
778	98	99	99	98	778
777	98	99	99	98	777
776	98	99	99	98	776
775	98	99	99	98	775
774	98	99	99	98	774
773	98	99	99	98	773
772	98	99	99	98	772
771	98	99	99	98	771
770	98	99	99	98	770
769	98	99	99	98	769
768	98	99	99	98	768
767	98	99	99	98	767
766	98	99	99	98	766
765	98	99	99	98	765
764	98	99	99	97	764
763	98	99	99	97	763
762	98	99	99	97	762
761	98	99	99	97	761
760	98	99	99	97	760
759	98	99	99	97	759
758	97	99	99	97	758
757	97	99	99	97	757
756	97	99	99	97	756

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
755	97	99	99	97	755
754	97	99	99	97	754
753	97	99	99	97	753
752	97	99	99	97	752
751	97	99	99	97	751
750	97	99	99	97	750
749	97	99	99	97	749
748	97	99	99	97	748
747	97	99	99	97	747
746	97	99	99	97	746
745	97	99	99	97	745
744	96	99	99	97	744
743	96	99	99	97	743
742	96	99	99	97	742
741	96	99	99	97	741
740	96	99	99	97	740
739	96	99	99	96	739
738	96	99	99	96	738
737	96	99	99	96	737
736	96	99	99	96	736
735	96	99	99	96	735
734	96	99	99	96	734
733	96	99	99	96	733
732	96	99	99	96	732
731	96	99	99	96	731
730	95	99	98	96	730
729	95	99	98	95	729
728	95	99	98	95	728
727	95	99	98	95	727
726	95	99	98	95	726
725	95	99	98	95	725
724	95	98	98	95	724
723	95	98	98	95	723
722	95	98	98	95	722
721	95	98	98	95	721
720	94	98	98	95	720
719	94	98	98	94	719
718	94	98	98	94	718
717	94	98	98	94	717
716	94	98	97	94	716
715	94	98	97	94	715
714	94	98	97	94	714
713	94	98	97	93	713
712	94	98	97	93	712
711	94	98	97	93	711

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
710	94	98	97	93	710
709	93	98	97	93	709
708	93	98	97	93	708
707	93	98	97	92	707
706	93	98	96	92	706
705	93	98	96	92	705
704	92	98	96	92	704
703	92	98	96	92	703
702	92	98	96	92	702
701	92	98	96	92	701
700	92	98	96	92	700
699	92	97	96	92	699
698	91	97	95	91	698
697	91	97	95	91	697
696	91	97	95	91	696
695	91	97	95	91	695
694	91	97	95	91	694
693	90	97	95	91	693
692	90	97	94	91	692
691	90	97	94	91	691
690	90	96	94	91	690
689	90	96	94	90	689
688	89	96	94	90	688
687	89	95	93	90	687
686	89	95	93	90	686
685	89	95	93	90	685
684	89	95	93	89	684
683	88	94	92	89	683
682	88	94	92	89	682
681	88	94	92	89	681
680	88	94	92	88	680
679	87	94	91	88	679
678	87	94	91	88	678
677	87	94	91	88	677
676	86	93	90	88	676
675	86	93	90	88	675
674	86	93	90	87	674
673	85	93	90	87	673
672	85	92	89	87	672
671	84	92	89	87	671
670	84	92	89	87	670
669	83	92	88	86	669
668	83	91	88	86	668
667	82	91	87	86	667
666	82	90	87	86	666

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
665	81	90	87	86	665
664	81	89	87	85	664
663	80	89	86	85	663
662	80	89	85	85	662
661	79	88	85	85	661
660	79	88	85	84	660
659	79	87	84	84	659
658	78	87	84	84	658
657	78	86	83	84	657
656	77	86	83	84	656
655	77	86	83	83	655
654	76	85	82	83	654
653	76	85	82	83	653
652	75	84	81	82	652
651	75	84	80	82	651
650	74	83	80	81	650
649	74	83	80	81	649
648	73	83	79	81	648
647	72	82	78	80	647
646	72	82	78	80	646
645	71	81	77	79	645
644	71	80	76	79	644
643	70	80	76	79	643
642	70	79	76	78	642
641	69	79	75	78	641
640	68	78	74	78	640
639	68	77	73	77	639
638	67	77	73	77	638
637	67	76	72	76	637
636	66	76	71	76	636
635	65	75	71	76	635
634	65	74	70	75	634
633	64	74	69	75	633
632	64	73	68	75	632
631	63	72	67	74	631
630	63	71	67	74	630
629	62	71	66	73	629
628	61	70	65	73	628
627	61	69	65	72	627
626	60	69	64	72	626
625	60	68	63	72	625
624	59	68	62	71	624
623	58	67	62	71	623
622	58	66	61	71	622
621	57	66	60	70	621

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
620	56	65	60	70	620
619	56	65	59	69	619
618	55	64	58	69	618
617	54	63	58	69	617
616	53	62	57	68	616
615	53	62	56	68	615
614	52	61	56	67	614
613	51	60	55	67	613
612	51	60	55	66	612
611	50	59	54	66	611
610	50	58	53	66	610
609	49	58	52	65	609
608	49	57	52	65	608
607	48	56	51	64	607
606	48	55	51	64	606
605	47	55	50	63	605
604	47	54	49	63	604
603	46	54	48	63	603
602	45	53	48	62	602
601	45	53	47	61	601
600	44	52	47	61	600
599	44	52	46	60	599
598	43	51	45	59	598
597	42	51	45	59	597
596	42	50	44	58	596
595	41	49	43	58	595
594	41	48	43	57	594
593	40	48	42	57	593
592	39	47	41	56	592
591	39	46	41	56	591
590	38	46	40	56	590
589	38	45	40	55	589
588	37	45	39	54	588
587	37	44	39	54	587
586	36	43	38	53	586
585	36	43	38	52	585
584	35	42	37	52	584
583	34	42	36	51	583
582	34	41	36	51	582
581	33	41	35	50	581
580	33	40	35	50	580
579	32	39	34	49	579
578	32	39	34	49	578
577	31	38	33	48	577
576	31	38	33	48	576

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
575	30	37	32	47	575
574	29	37	32	46	574
573	29	36	31	46	573
572	29	35	31	45	572
571	28	35	30	45	571
570	28	34	30	44	570
569	27	34	29	44	569
568	27	33	28	43	568
567	26	33	28	42	567
566	26	33	28	41	566
565	25	32	27	41	565
564	25	32	26	40	564
563	25	31	26	39	563
562	24	31	26	38	562
561	24	31	25	38	561
560	23	30	25	37	560
559	23	30	24	37	559
558	22	29	24	36	558
557	21	28	24	35	557
556	21	28	23	34	556
555	20	27	23	33	555
554	20	27	22	33	554
553	20	27	22	32	553
552	20	26	21	31	552
551	20	26	21	31	551
550	19	25	21	30	550
549	19	25	20	29	549
548	18	24	20	29	548
547	18	24	19	28	547
546	17	23	19	27	546
545	17	23	19	27	545
544	17	23	18	26	544
543	16	22	18	25	543
542	16	22	17	25	542
541	16	22	17	24	541
540	15	22	17	23	540
539	15	21	16	22	539
538	14	21	16	22	538
537	14	20	16	21	537
536	14	20	15	21	536
535	13	19	15	20	535
534	13	19	15	19	534
533	13	19	14	18	533
532	12	18	14	17	532
531	12	18	14	16	531

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
530	12	18	13	15	530
529	12	18	13	14	529
528	11	17	13	14	528
527	11	17	12	13	527
526	11	17	12	12	526
525	11	17	12	12	525
524	10	16	12	11	524
523	10	16	11	11	523
522	10	15	11	10	522
521	10	15	10	9	521
520	9	15	10	8	520
519	9	14	10	8	519
518	9	14	10	7	518
517	9	13	9	6	517
516	8	13	9	6	516
515	8	13	8	5	515
514	8	12	8	5	514
513	7	12	8	4	513
512	7	12	8	4	512
511	7	12	7	4	511
510	7	11	7	3	510
509	6	11	7	3	509
508	6	11	7	3	508
507	6	10	6	2	507
506	6	10	6	2	506
505	5	10	6	2	505
504	5	10	6	2	504
503	5	9	6	1	503
502	5	9	5	1	502
501	4	9	5	1	501
500	4	9	5	1	500
499	4	9	5	1	499
498	3	9	4	1	498
497	3	9	4	1	497
496	3	9	4	1	496
495	3	8	4	1	495
494	2	8	3	1	494
493	2	8	3	1	493
492	2	8	3	1	492
491	2	7	3	1	491
490	2	7	2	1	490
489	2	7	2	1	489
488	2	6	2	1	488
487	2	6	2	1	487
486	1	5	1	1	486

Table 9: Grade 11 – Spring 2021 Scale Score to Iowa Percentile Rank (continued)

Scale Score	Reading	Language / Writing	ELA	Mathematics	Scale Score
485	1	5	1	1	485
484	1	5	1	1	484
483	1	4	1	1	483
482	1	4	1	1	482
481	1	4	1	1	481
480	1	4	1	1	480
479	1	3	1	1	479
478	1	3	1	1	478
477	1	3	1	1	477
476	1	3	1	1	476
475	1	2	1	1	475
474	1	2	1	1	474
473	1	2	1	1	473
472	1	2	1	1	472
471	1	2	1	1	471
470	1	2	1	1	470
469	1	2	1	1	469
468	1	1	1	1	468
467	1	1	1	1	467
466	1	1	1	1	466
465	1	1	1	1	465
464	1	1	1	1	464
463	1	1	1	1	463
462	1	1	1	1	462
461	1	1	1	1	461
460	1	1	1	1	460