

The Role of Growth Scores in Annual Performance Reviews

As p_st of the Annu_hProfess on_hPerform_ace Rev ew (APPR) process pursu_at to Educ_t on L_w §3012-d, New Yor St_te te_shers of m_them_t cs_ad En_l sh L_a, u_ae_sts (ELA) n_r_des 4–8 _ad the r pr nc p_ls will receive St_te-provided rowth scores b_sed on 2017-18 St_te tests **for dv sor purposes onl** pursu_at to Section 30-317 of the Rules of the Bo_std of Releast These, rowth scores describe how much students _se row n, _s_dem c_ll_n m_them_t cs_ad ELA (_s me_sured b) the New Yor St_te tests) comp_sed to s m L_s students st_tew de

Dur n. the 2016-17 throu, h 2018-19 school e_fs, te_chers _Ad pr nc p_ls who rece ve __St_te-prov ded , rowth score (e, , r_des 4–8 ELA _Ad m_them_tics te_chers _Ad pr nc p_ls of schools th_t nclude , r_des 4–8 or _H of , r_des 9–12) w ll rece ve two sets of scores _Ad r_t n, s or , n_lscores _Ad r_t n, s _Ad tr_As t on scores _Ad r_t n, s The St_te-prov ded , rowth score sh_H be excluded from the scores _Ad r_t n, s used to c_lcul_te the over_H tr_As t on r_t n. Onl the tr_As - t on score _Ad r_t n, w ll be used for purposes of emplo ment dec s ons, nclud n, tenure determ n_t ons _Ad for purposes of proceed n, s under Educ_t on L_ws §§3020-__Ad 3020-b_Ad te_cher_Ad pr nc p_k mprovement pl_As_Ad the nd v du_l's emplo ment record Dur n, the 2016-17 throu, h 2018-19 school e_fs, such pr nc p_k' or , n_hover_H r_t n, w ll be used for _dv sor_purposes onl

St_te-prov ded , rowth scores _re_ust **one** of the **mult ple** me_sures th_t_m__e up the _nu_hperform_ace rev ews For APPRs completed pursu_at to Educ_t_on L_w §3012-d, _a educ_tor's over_l composite r_t_n__s determ ned us n___m_tr x th_t_comb nes _r_t_n__b_sed on one or more me_sures of student , rowth _s well _s _r_t_n__b_sed on princ p_hschool visits

Where and when will data be available?

St_te-prov ded_rowth scores for 2017-18_fe expected to be d str buted to d str cts n e_fl September 2018

Where can I get more information?



Why Growth?

All students enter the r te_shers' cl_ssrooms _t d ffer n, levels of _s_dem c prof c enc or _sh evement One w__ to me__ sure prof c enc s student perform_ace on st_ad_td zed _ssessments B me_sur n, the _mount of pro, ress, or "_s_dem c , rowth" _student m__ es dur n, __ ven school e_f, on these _ssessments, we c_a be, n to underst_ad the nfluence of th_tp_ft cul_fschool e_f, exper ence on student le_fn n, 2B me_sur n, _s_dem c, rowth r_ther th_a prof c enc , we c_a dent f stren, ths _ad __ps n student pro, ress _ad help pr nc p_ls to better support students who h_ke__w de r_a, e of __s_dem c needs

Growth me_sures for pr nc p_ls n, r_des 4-8 prov de nform_t on on the, rowth of students for which the __re responsible comp_red to students with s m l_t_ch_t_cter st cs __cross the st_te. This inform_t on c_n inform pr nc p_ls' underst_nd n, of how, on __ver___e, these students , rew comp_red to the r peers.

How Does New York State Measure Student Growth?

The s mplest w______to me_sure , rowth would be to subtr_st __student's test score n __pr or e_s, from h s or her test score n the current e_s, (e , test score n spr n, 2018 m nus test score n spr n, 2017) However, New Yor St_te's tests __senot des , ned to __How for th s __nd of c_lcul_t on bec_use the test scores __se not comp_s, ble __sross , r_de levels. Nor would th s __spro_sh __scount for __student's st_st_n, po nt __sd other b_s, round ch_s, ster st cs. Inste_d, New Yor St_te's __spro_sh s to comp_se the current e_s, scores of s m l_s, students—th_t, s, of students who h_d the s_me pr or test scores __sd other ch_s, ster st cs. __n order to me_sure , rowth while __scount n, for students' st_st_n, levels of __sh evement ³

This method, Illustr_ted in **F** ure 1, shows Student A (red student) with $_{P}$ ELA score of 320 in 2017⁴ Comp_red to other students (solid blue students) who $_{P}$ discores of 320 in 2017, Student A's ELA test score in 2018 w_s in the middle r_p, e when comp_red to those s_me students. We c_p desh_ube Student A's $_{P}$ rowth re3 (0)8 (17))1ecels ooPe foil 0.0 6704507036n17)es



Factors Used to Define "Similar Students" in the Growth Model for 2017-18

For educ_tor ev_ku_ton, we further ref ne the def nt on of s m L_f, students to nclude _dd t on_kf_ctors nown to mp_ct student perform_ace n order to better sol_te the mp_ct of __student's te_cher on h s or her perform_ace in the St_te rowth model, the term "s m l_f, students" me_as not onl students with the s_me_c_dem c h stor, but _ko students with the s_me En, I sh l_a, u_ae le_fner (ELL), econom c d s_dv_at_ae, or d s_b I t_st_tuses _t both the student _ad cl_ss-room levels **T ble 1** d spl_s spec f c f_ctors for e_ch of these c_te, or es We_ccount for whether __student s _a ELL, for ex_mple: we_kso_ccount for the percent_ae of ELL students n __student's ELA or m_them_t cs course Th s t_pe of f_ctor s ntended to _ddress peer effects, _c nowled, n, th_t t_m_ be __d fferent experience for __student to be n __cl_ss or course with m_a_ELL students (_ad __d fferent_ob for _a educ_tor with m_a_ELL students) th_a t_s to be n __course with fewer ELL students

Up to three e_rs of student St_te ex_m scores, s_me subject Pr or e_rs_test score, d fferent subject Ret_ned n_r_de Aver_ne pr or _ch evement _nd r_n, e_rpund _ver_ne pr or score in student's course (s_me subject) New to school n_non-rst cul_tion e_f(e_r, entered middle school_s_neither) New Yor St_te En_lish_s_Second L_n_u_ne Ach evement Test (NYSESLAT) scores Percent_ne of ELLs in student's course ELL St_tus (jes or no) Percent_ne of econom c_l_d_ds_dv_nt_ne students in student's course Student with d_s_h it es spendin_less th_ne 40 percent of time in_ener_keduc_tion settin. Percent_ne of students with d_s_h it es in student's course Student with d_s_h it es st_tus (jes or no)

Table 1. Factors Used to define "Similar Students" in 2017-18*

* In the future, _dd t on_hch_f_ster st cs m_n be _dded, or other ch_f, es m_n be m_de to the , rowth model, _s_pproved b the Bo_fd of Re, ents

How is Student Growth Used for 4-8 Principal Evaluation?

A school's or pr nc p_4's St_te-prov ded rowth r_tn, (the HEDI r_tn,)_nd rowth score (0–20)_re b_sed on the **"me n rowth percent le"** or **MGP**, the ____ re__te me_sure of student rowth n the pr nc p_4's school An MGP s c_4cul_ted b f nd n, the _wer_ne of _4 the SGPs for students_ttr buted to __school or pr nc p_4_sross, r_des_nd subjects

T ble 2 Ilustr_tes how _A MGP s c_lcul_ted for _school or pr nc p_hb _ver_n n. SGPs of students Students who do not meet the cont nuous enrollment requirement (e, those who were not enrolled on BEDS d____Ad on the first d___ of the St_te_ssessment _dm n str_ton) _re not ncluded n _school's or pr nc p_k's MGP⁵ **F n II**, **n MGP s reported onl f t s b sed on t le st 16 SGPs.**

⁵ Note th_t student I n _____e rules __Fe d fferent __Rd therefore MGPs _Fe computed d fferentI for te_shers th_R the __Fe for pr nc p_4s Spec f c_4t, SGPs for students who were enrolled n __te_sher's course for __lon, er per od of t me __Rd who __ttended more re, ul_Ft count more he_Kt n __te_sher's MGP th_R those who were enrolled __Rd __ttended for less t me Students w th less th_R 60 percent course enrollment _Fe not ncluded n __te_sher's MGP For more det_4s __Rd __R ex_mple, see the Te_sher's Gu de to Interpret n. St_te-Prov ded Growth Scores for Gr_des 4-8, which s __K___tele on the NYSED Growth Me_sures Tool _ts p___Re



Table 2. Example of Students Who Count in a School's or Principal's MGP: Sample Data

		MGP Calculat on	
-	Yes	Yes	4
Grac	ie		



All st_tst c_hc_kul_tons cont_n some uncert_nt Althou, h the reported MGP s the best est m_te for _n_te_cher or pr nc p_h we c_n_ko qu_nt f_____n e where n we c_n expect th_t the true _nswer les The upper-__nd lower-I m t MGPs def ne __set of scores where n_n educ_tor's true MGP les 95 percent of the t me Report n, upper-__nd lower-I m t MGPs s s m l_f to the w___ other st_t st c_hc_kul_t ons, such _s pol t c_hpolls, _re reported (e, , ____nd d_te c_n be_he_d n the polls b__6 ponts, plus or m nus 3 ponts) The w dth of the conf dence r_n, e (th_t s, the d st_nce between the upper__nd lower l m ts) s_ffected b__such f_ctors _s the number of students ncluded n, ener_tn, the score, the spre_d of student scores, _nd ch_f_cter st cs of the tests students t__ne

We report the upper-_____Ad lower-I m t MGPs bec_use we w__At to be tr__Asp_rent__bout the d_t____We __lso use upper-__Ad lower-I m t MGPs to __ss _ n educ_tor r_t_n s n____w___ th_t_f__rI t___es uncert__nt _ n MGPs nto __count We use the over_____ __d usted MGP (th_t_s, the MGP th_t_comb nes nform_t_on __cross ______ppl c__ble _ r__de levels __Ad subjects) __Ad upper-__Ad lower-I m t MGPs to determ ne _ rowth r_t_n s, __s shown n F ure 3 The rules for __ss _ n n, _ rowth r_t_n s __re the s___me for schools, pr nc p_ls, __Ad te__chers of , r__des 4–8 students

A, rowth score of 0–20 points is then _ssined with n e_shirowth r_tin, c_te, or (HEDI) us n, the scorin, b_nds pre-



Growth Ratings for Schools or Principals Serving Grades 4-8 & 9-12

To determ ne -f n_hSt_te-prov ded, rowth r_tn, for schools or pr nc p_ls who serve, r_des 4–8_nd, r_des 9–12, rowth r_tn, s_nd scores_re determ ned for, r_des 4–8_nd, r_des 9–12 sep_r_tel__nd then comb ned 7 The, r_des 4–8 me_sure, rowth r_tn, s_determ ned us n, the process shown n **F ure 3** Bec_use mult ple, r_des 9–12 me_sures ex st, rowth scores for e_sh, r_des 9–12 me_sure_re_ver_ned to, ether_nd then we, hted b_the number of students n e_sh me_sure to determ ne_nover_l, r_des 9–12, rowth r_tn, __nd score An over_l, rowth subcomponent r_tn, th_t, ncludes results for both, r_des 4–8_nd, r_des 9–12 students s then computed n the s_me_ner b__ver_nn, r_des 4–8_nd, r_des 9–12, rowth scores b_the number of students n e_sh me_sure_nd f nd n, the f n_hr_tn, **F_ure 4** shows_ne_x_mple of th s process

Rat ng Effect ve 16 435 18% 16 x 018 29 Rat ng/Growth Score Effect ve 82% 15 x 0 82 15 1.970 123 Rat ng/Growth Score Effect ve 2,405 100% 15 Rat ng/Growth Score S , 1, bc П С CI , C , C bc bc

Figure 4. Determining Growth Ratings for Schools & Principals with Grades 4-8 & 9-12 Growth Measures

Information Available in District Files

St_te-prov ded , rowth scores _Fe m_de _K__hele to d str cts b September e_ch school e_F, or _s, soon _s, pr_ct c_ble there_fter Results _Fe prov ded n sep_F_te f les for te_chers, pr nc p_k, _Ad schools These f les cont_A the follow n, nform_t on

- Number of Student Scores: The number of SGPs ncluded n A MGP
- **Percent of Students Above the St te Med n:** Percent_ne of students _bove the St_te med_n SGP n the relev_nt subject_nd_r_de, us n/_d usted student SGPs
- Un djusted MGP (Pr nc p lor School): The me_p of the SGPs for students I n ed to __pr nc p_h(or school) b_sed on pr or _sh evement scores onl, w thout t__n, nto cons der_t on ELL, students w th d s_b I t es, or econom c student ch_f_ster st cs
- Un djusted MGP (Te cher): The we, hted me_p of the SGPs for students who_re_ttr buted to _te_gher, b_sed on pr or _gh evement scores onl, w thout t__n, nto cons der_t on ELL, students w th d s_b I t es, or econom c d s_dv_nt_re student ch_r_gter st cs. The we, hted me_p s c_lcul_ted b_sed on the _mount of t me students were enrolled n_nd_ttended _course w th _te_gher.





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Questions for Consideration

Follow n, _re some quest ons to cons der _s, ou rev ew our St_te-prov ded , rowth score nform_ton

How much d d m students , row, on _ver_e, comp_red to s m l_f, students? Is th s h , her, lower, or _bout wh_t l would h_ve expected? Wh ?

How does this inform to n bout student, rowth -h, n with inform to n bout milledership proof cerece ved through observe to not other measures? While month this be?

How do m MGPs n these subjects comp_re? Wh m, ht the besml_r, or d fferent?

How do m MGPs comp_re_gross, r_de levels? Wh m, ht the besml_f, or d fferent?

Information or Additional Questions

If ou h ve quest ons bout our d t, wh t the scores re used for, or who u receved the score th t ou d d, ple se cont ct our school's super ntendent or d str ct d t personnel for ss st nce. If un_ble to obt_n_swers to quest ons, cont_st educ_torev_l@n sed.ov

Disclaimer

If _A_d screp_ac es ex st between the l_A, u_ae_n these m_ter_ls_ad the St_tute, Re, ul_tons, or APPR Gud_ace, the St_tute, Re, ul_tons, or APPR Gud_ace, the St_tute, Re, ul_tons, or APPR Gud_ace, the state of the

