

2020 Individual Income Tax: IRA Distributions, Pensions, and Social Security, by Size of Adjusted Gross Income

[All figures are estimates based on samples--money amounts are in thousands of dollars]

Size of adjusted gross income	Taxable Individual Retirement Arrangement (IRA) distributions [2]		Pensions and Annuities				Social security benefits			
	Number of returns	Amount	Total		Taxable [2]		Total		Taxable	
			Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
All returns, total	13,101,306	284,005,168	33,021,101	1,407,948,180	30,412,365	827,597,726	31,691,628	774,017,713	23,057,234	374,166,924
No adjusted gross income	135,712	3,213,652	304,524	12,383,961	232,497	3,517,867	1,694,003	33,124,797	3,871	25,896
\$1 under \$5,000	346,290	910,772	840,693	7,746,498	786,078	2,400,762	2,259,206	43,687,805	24,413	68,312
\$5,000 under \$10,000	517,926	2,630,683	1,177,310	13,063,328	1,135,589	6,766,733	2,005,351	40,934,055	79,831	269,251
\$10,000 under \$15,000	620,842	4,249,717	1,513,244	18,130,337	1,457,938	12,874,517	2,168,117	44,770,674	383,228	572,531
\$15,000 under \$20,000	535,819	4,426,696	1,414,152	21,472,639	1,353,183	15,373,701	2,172,914	37,248,829	1,038,258	1,720,400
\$20,000 under \$25,000	516,119	4,534,056	1,408,332	21,260,790	1,345,987	16,933,531	1,582,202	35,369,648	1,373,400	3,691,879
\$25,000 under \$30,000	520,814	5,141,529	1,331,634	26,640,457	1,249,098	17,843,292	1,378,838	31,854,977	1,334,394	5,572,571
\$30,000 under \$40,000	848,145	9,329,702	2,659,040	63,355,639	2,504,306	40,655,268	2,344,164	54,335,931	2,342,398	16,067,061
\$40,000 under \$50,000	885,843	10,679,871	2,408,157	59,096,820	2,258,086	43,233,603	2,042,593	47,452,182	2,041,617	22,450,326
\$50,000 under \$75,000	2,035,083	29,874,820	5,606,296	184,087,720	5,266,489	128,641,632	4,525,151	107,149,645	4,522,171	73,567,736
\$75,000 under \$100,000	1,753,361	34,379,093	4,330,738	185,182,268	4,013,653	126,806,460	3,340,357	87,965,204	3,339,111	72,003,811
\$100,000 under \$200,000	3,091,537	92,022,574	7,334,641	455,046,910	6,657,451	284,321,845	4,921,147	151,266,066	4,917,806	128,173,580
\$200,000 under \$500,000	1,081,685	59,826,229	2,268,669	254,250,468	1,865,345	107,977,798	1,353,378	47,227,661	1,352,733	40,102,626
\$500,000 under \$1,000,000	145,633	11,480,892	286,217	51,575,541	196,372	12,964,426	194,477	7,301,372	194,350	6,203,095
\$1,000,000 under \$1,500,000	32,083	3,219,013	64,041	13,464,943	41,530	2,784,373	47,522	1,818,178	47,473	1,544,418
\$1,500,000 under \$2,000,000	11,736	1,406,944	24,300	5,420,109	15,897	1,180,192	19,714	769,138	19,706	653,525
\$2,000,000 under \$5,000,000	16,142	3,444,092	34,862	10,207,587	23,225	1,898,318	29,510	1,191,467	29,493	1,012,437
\$5,000,000 under \$10,000,000	4,105	1,674,537	8,682	3,010,781	5,802	742,271	7,837	326,804	7,833	277,726
\$10,000,000 or more	2,429	1,560,298	5,569	2,551,385	3,840	681,139	5,148	223,280	5,148	189,743
Taxable returns, total	10,326,030	260,899,254	26,142,520	1,285,637,362	23,978,746	767,532,788	20,597,378	536,613,403	20,085,919	358,837,018
Nontaxable returns, total	2,775,276	23,105,913	6,878,582	122,310,817	6,433,620	60,064,939	11,094,250	237,404,309	2,971,315	15,329,906

* Estimate should be used with caution because of the small number of sample returns on which it is based.

Note: Detail may not add to totals because of rounding.

[3] These data do not include any taxable Individual Retirement Arrangement distributions or pensions and annuities from 2018 because these items were combined on one line on that year's tax form. Therefore, \$2.6 billion of taxable IRA, pensions and annuities were excluded.

Source: IRS, Statistics of Income Division, Publication 1304, Table 1.4, November 2022

<https://www.irs.gov/statistics/soi-tax-stats-individual-income-tax-returns-publication-1304-complete-report>

2019 Individual Income Tax: IRA Distributions, Pensions, and Social Security, by Size of Adjusted Gross Income

[All figures are estimates based on samples--money amounts are in thousands of dollars]

Size of adjusted gross income	Individual Retirement Arrangements (IRA) distributions, pensions and annuities				Social security benefits			
	Total		Taxable		Total		Taxable	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
All returns, total	30,830,618	1,290,875,434	28,284,849	784,497,673	30,022,335	718,890,477	22,416,436	360,038,769
No adjusted gross income	238,040	6,590,006	183,007	2,771,358	931,388	19,980,317	3,499	11,955
\$1 under \$5,000	679,107	5,988,882	620,676	1,852,096	1,924,827	35,435,370	19,587	54,823
\$5,000 under \$10,000	1,032,087	8,956,058	993,208	5,599,658	1,908,254	36,650,519	50,270	235,104
\$10,000 under \$15,000	1,473,197	18,384,911	1,425,307	12,280,749	2,080,212	41,723,159	258,469	323,567
\$15,000 under \$20,000	1,361,399	19,019,529	1,300,900	14,216,335	1,753,212	35,711,828	912,453	1,317,941
\$20,000 under \$25,000	1,353,303	22,900,422	1,286,430	15,957,428	1,492,659	32,514,813	1,293,348	3,274,919
\$25,000 under \$30,000	1,317,332	23,203,246	1,246,192	17,488,171	1,390,326	31,352,073	1,342,880	5,196,101
\$30,000 under \$40,000	2,482,508	49,344,702	2,344,799	37,764,688	2,254,791	50,425,510	2,252,582	14,488,829
\$40,000 under \$50,000	2,205,393	55,410,786	2,055,515	39,736,940	1,862,634	41,330,546	1,861,632	19,346,591
\$50,000 under \$75,000	5,162,987	166,322,528	4,800,612	120,609,689	4,447,207	101,649,237	4,446,202	70,080,387
\$75,000 under \$100,000	3,996,013	166,890,264	3,686,354	115,639,456	3,320,081	84,218,130	3,320,053	69,268,708
\$100,000 under \$200,000	6,955,139	430,918,059	6,265,577	273,034,973	4,951,406	147,975,135	4,951,048	125,535,389
\$200,000 under \$500,000	2,159,974	235,191,611	1,780,686	107,615,075	1,400,412	48,223,182	1,399,667	40,964,646
\$500,000 under \$1,000,000	278,897	49,018,142	202,458	13,013,862	199,960	7,650,560	199,903	6,499,631
\$1,000,000 under \$1,500,000	63,153	13,770,355	42,904	3,059,111	46,003	1,741,532	45,921	1,478,589
\$1,500,000 under \$2,000,000	24,346	5,400,121	16,609	1,111,388	19,089	727,486	19,073	618,196
\$2,000,000 under \$5,000,000	34,144	8,523,471	23,945	1,642,212	28,525	1,109,665	28,508	942,879
\$5,000,000 under \$10,000,000	8,496	2,797,543	6,033	605,577	7,132	293,543	7,126	249,363
\$10,000,000 or more	5,104	2,244,801	3,635	498,906	4,216	177,873	4,212	151,151
Taxable returns, total	25,011,326	1,207,261,040	22,859,961	735,400,236	20,690,688	524,010,488	20,027,572	348,985,267
Nontaxable returns, total	5,819,292	83,614,394	5,424,888	49,097,437	9,331,648	194,879,989	2,388,864	11,053,502

* Estimate should be used with caution because of the small number of sample returns on which it is based.

Note: Detail may not add to totals because of rounding.

Source: IRS, Statistics of Income Division, Publication 1304, Table 1.4, January 2022.

<https://www.irs.gov/statistics/soi-tax-stats-individual-income-tax-returns-publication-1304-complete-report>

2018 Individual Income Tax: IRA Distributions, Pensions, and Social Security, by Size of Adjusted Gross Income

[All figures are estimates based on samples--money amounts are in thousands of dollars]

Size of adjusted gross income	Individual Retirement Arrangements (IRA) distributions, pensions and annuities				Social security benefits			
	Total		Taxable		Total		Taxable	
	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount	Number of returns	Amount
All returns, total	37,166,371	1,625,642,430	34,701,850	1,087,228,437	29,629,805	680,495,999	21,792,987	337,046,241
No adjusted gross income	355,812	11,588,930	295,368	5,884,559	910,456	19,263,820	819	7,367
\$1 under \$5,000	972,494	6,920,411	906,587	2,728,282	1,897,937	33,690,176	11,077	39,445
\$5,000 under \$10,000	1,393,638	12,427,741	1,350,924	8,612,996	1,877,436	34,851,949	40,733	201,047
\$10,000 under \$15,000	1,852,324	23,326,542	1,802,099	17,324,594	2,171,921	41,596,280	212,225	296,070
\$15,000 under \$20,000	1,718,417	25,740,988	1,667,449	20,443,256	1,781,086	35,135,430	889,290	1,190,416
\$20,000 under \$25,000	1,655,305	30,008,525	1,600,347	22,682,333	1,612,411	32,877,770	1,324,729	3,123,347
\$25,000 under \$30,000	1,539,435	30,727,420	1,471,420	23,164,265	1,304,700	28,468,562	1,246,503	4,649,523
\$30,000 under \$40,000	2,817,689	60,408,809	2,667,805	47,705,892	2,224,532	49,073,606	2,221,499	14,198,268
\$40,000 under \$50,000	2,668,444	68,521,472	2,542,758	53,881,784	1,898,872	40,901,277	1,898,630	19,191,783
\$50,000 under \$75,000	5,971,142	198,495,492	5,630,218	151,879,265	4,368,655	95,412,370	4,367,649	67,356,622
\$75,000 under \$100,000	4,721,349	212,872,179	4,440,981	154,825,522	3,262,227	79,726,816	3,262,205	65,949,317
\$100,000 under \$200,000	8,151,548	539,997,393	7,509,789	366,240,960	4,662,820	134,133,555	4,661,782	113,810,915
\$200,000 under \$500,000	2,733,961	299,504,642	2,342,307	170,180,765	1,354,583	44,342,072	1,353,761	37,664,562
\$500,000 under \$1,000,000	417,925	64,672,172	323,283	27,080,371	197,592	7,167,726	197,586	6,092,477
\$1,000,000 under \$1,500,000	90,540	16,082,357	69,189	5,756,172	46,180	1,665,814	46,139	1,415,109
\$1,500,000 under \$2,000,000	36,137	7,056,392	27,387	2,525,529	19,125	698,552	19,124	593,765
\$2,000,000 under \$5,000,000	50,214	10,898,236	38,423	3,778,295	27,665	1,036,045	27,645	880,421
\$5,000,000 under \$10,000,000	12,476	3,421,442	9,580	1,264,541	7,128	273,461	7,121	232,297
\$10,000,000 or more	7,520	2,971,284	5,936	1,269,056	4,479	180,719	4,472	153,486
Taxable returns, total	29,744,943	1,516,494,831	27,684,122	1,015,430,592	20,370,842	493,913,989	19,572,947	326,808,007
Nontaxable returns, total	7,421,429	109,147,599	7,017,728	71,797,845	9,258,963	186,582,011	2,220,040	10,238,233

* Estimate should be used with caution because of the small number of sample returns on which it is based.

Note: Detail may not add to totals because of rounding.

Source: IRS, Statistics of Income Division, Publication 1304, Table 1.4, September 2020.

<https://www.irs.gov/statistics/soi-tax-stats-individual-income-tax-returns-publication-1304-complete-report>

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'73/333 xqghu '83/333	<;</68	43/<:9/:95	5/63:/788	88/5:3/<7<	5/475/<9<	75/684/678	4;/89/94<	6;/<57/384	4;/89/748	4;/6:6;/64
'83/333 xqghu ':8/333	5/6;4/384	66/6;:/:78	8/4;<:/<7	48:/877/4:3	7;/6;/737	44;/995/94;	7/53:/5;4	;</9;9/69<	7/536/:94	96/674/;<;
':8/333 xqghu '433/333	4/<77/846	67/744/488	6/<76/69:	487/66:/339	6/959/9;3	444/59:/3:6	5/<9</4;;	:4/7;6/37;	5/<9</483	8</6:</8<9
'433/333 xqghu '533/333	6/3<:/44:	7/8:8/793	8/<87;/96	685/897/7:7	8/587/9:5	547/557/9;;	6;/7</74;	438/436/776	6;/7;/56<	
'533/333 xqghu '833/333	<9</9;4	78/694/:;5	4/93;/487	499/9;</59<	4/638/568	:5/<99/563	<<5/3<6	64/54;/9<6	<<4/97<	59/857/36<
'833/333 xqghu '4/333/333	46;/673	:/<88/949	546/545	67/474/93:	483/359	;/55/576	475;/7:	7/;<4/7;7	475;/6:	7/3:5/86<
'4/333/333 xqghu '4/833/333	5</733	4/98</7:9	78/9;3	:/88<:/;45	64/94	4/<5;/44:	67/363	4/48:/:75	67/357	<;7/366
'4/833/333 xqghu '5/333/333	44/<64	:85;/<	4;/353	6/<:/:889	45/778	::7/836	47/387	7;/7/586	47/378	744/668
'5/333/333 xqghu '8/333/333	49/665	4/4:3/375	59/83<	8;/76/748	4;/866	4/58;/4:7	53/988	:65/347	53/974	955/357
'8/333/333 xqghu '43/333/333	6;/68	74</;9;	9/7:9	4/:95/6:3	7/937	759/;<<	8/484	4;9/9:4	8/483	48;/98<
'43/333/333 ru pruh	5/433	675/:87	6/<83	4/845/984	5/::9	748/463	6/437	44</986	6/435	434/98;
Wd{deoh uhwxuqv/ wrwdo	44/937/68;	569;/47/87;	57/64</9;;	4/356;/66/5:7	55/586;/5;	977/497/:;7	4</494/494	76;/<6:/886	4:/<77/;<:	5:8/<:7/<48
Qrqud{deoh uhwxuqv/ wrwdo	5:/;5/543	53/9<6/688	9/349/3<3	;7/4<6;/7<	8/93:/499	7</794/:8<	</49:/;87	4;3/<4;/894	5/354/95;	</<97/46;

- Hvwlpdwh vkrxog eh xvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylvlrq/ Sxeolfdwlrq 4637/ Wdeoh 417/ Dxjxvw 534;1

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5348 Lqglylgxdo Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw| e| Vl}h ri Dgmxvwhg Jurvv Lqfrph
 ^Doo iljxuhv duh hvwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq wkrxvdqgv ri grooduv'

Vl}h ri dgmxxvwhg jurvv lqfrph	Wd{deoh LUD glvwulexwlrqv		Shqvlrqv dgg dqqxlwlhv				Vrfldo vhfxulw ehqhilwv			
	Qxpehu ri uhwxuqv	Dprxqw	Wrwdo		Wd{deoh		Wrwdo		Wd{deoh	
			Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw
Doo uhwxuqv/ wrwdo	47/48</34;	586/546/374	63/:87/;87	4/49</39:/47;	5;/4<</493	9;/<<</<<<	5;/3;/:847	938/485/3<6	4</994/437	5::/744/3:8
Qr dgmxxvwhg jurvv lqfrph	46:/453	5/397/873	5<8/;:9	:/9/;/:;	564/499	5/<78/8:3	;<5/:9	4:/785/59;	4/3<5	44/776
'4 xqghu '8/333	674/4<	4/474/4<;	:;3/3;8	8/47;/56<	:5</559	5/4:/;44;	4/<5:/35:	65:/54/<67	48/8<5	84/<:7
'8/333 xqghu '43/333	8<3/58<	5/:;4/478	4/4;/7/5-;	43/4;/:96:	4/46</536	9/5<4/355	5/335/934	69/388/;:5	6</<7	4<4/75:
'43/333 xqghu '48/333	:57/;8	7/7:3/36<	4/::7/:75	53/;<7/78;	4/:5:/344	48/394/5:9	5/67</8:3	76/:<7/36;	486/365	639/346
'48/333 xqghu '53/333	999/;76	7;/68/63<	4/9:/;649	58/:39/9;<	4/937/<93	4;/646/;48	4/<8</4<:	6:/656/;47	;95/5;9	<:9/457
'53/333 xqghu '58/333	969/56<	8/437/567	4/835/6<3	57/45;/9:;	4/76;/<6;	4;/7:3/83:	4/8;4/;:6	65/367/7<	4/5<6/8:6	5/:55/867
'58/333 xqghu '63/333	885/:9	7/<38/745	4/6<5/587	57/96</<44	4/656/4;8	4;/;8;/367	4/64</785	5:/3;8/<36	4/578/:5<	7/73</858
'63/333 xqghu '73/333	4/3:/;666	43/9:3/:7<	5/8<6/<83	89/746/549	5/786/9:3	73/358/6;	5/4<3/7<:	78;/95/78<	5/4;/;837	46/4;/:545
'73/333 xqghu '83/333	<<4/;<	43;/88/4:;	5/685/646	8:/;53/853	5/4<:/55<	75/756/;48	4;/7;/<95	6:/9<5/4:5	4;/79/;<9	4;/336/;94
'83/333 xqghu ':8/333	5/6:3/634	65/594/3:6	8/478/789	493/;<</857	7/;<7/;6;	447/:56/3;8	7/46</;<:	;9/:99/5:9	7/46/;/;<3	94/:5</693
':8/333 xqghu '433/333	4/<66/733	69/3;</3;8	6/<8/;:36	496/;8:/486	6/946/497	43</973/546	5/<68/6<8	9</839/:44	5/<68/6<5	8:/;:4/6<:
'433/333 xqghu '533/333	5/<<:/839	<:/:84/;<5	9/439/<43	6:/;645/65;	8/6<4/575	549/685/848	6/:84/938	434/846/;94	6/:84/8:;	;9/547/9<5
'533/333 xqghu '833/333	<6;/<37	77/386/8;;	4/98/;<3;	4:9/5:8/;36	4/653/9;4	:4/5:/;69<	<94/35<	5</:<3/<33	<94/333	58/654/:5<
'833/333 xqghu '4/333/333	468/995	</6:</;87	554/7<6	66/9;5/65<	48;/:49	;885/6<	47;/;69	7/;6:/533	47;/;57	7/444/89;
'4/333/333 xqghu '4/833/333	5</8:	4;/84/;68	7</8<	</5<:/699	67/65<	4/;<</964	68/388	4/49</447	68/388	<<4/693
'4/833/333 xqghu '5/333/333	44/856	:96/:54	4</;3<	7/4;5/<73	46/:36	;78/9:4	47/498	7<7/373	47/466	74:/:73
'5/333/333 xqghu '8/333/333	49/6;<	4/5<8/:6<	5;/463	9/79/<68;	4</:77	4/594/835	53/<57	:5</78<	53/<4	94</;9<
'8/333/333 xqghu '43/333/333	6/<73	798/6;4	9/;<6	4/<63/753	7/;48	796/5;3	8/63	4<7/77	8/63	498/5;4
'43/333/333 ru pruh	5/636	7:6/4:3	7/8;	4/864/478	6/5:<	6</;9<	6/689	45:/368	6/688	43:/<96
Wd{deoh uhwxuqv/ wrwdo	44/759/444	566/57;/9<;	57/93:/8;8	4/3;4/4;6/<:6	55/77:/<44	973/593/9<9	4;/;:/6/884	759/674/677	4:/98;/85;	59:/<7;/455
Qrwd{deoh uhwxuqv/ wrwdo	5:/65/<3;	4</<97/676	9/47:/59<	;:/;:/6/498	8:/84/57<	7</:64/635	</536/<97	4:/;:/43/;7;	5/335/8:9	</795/<86

- Hvwlpdwh vkrxog eh xvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylvlrq/ Vhshwpehu 534:1

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Wdeoh 417

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 ^Doo iljxuhv duh hvwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq wkrxvdqgv ri grooduv^

Vl]h ri dgmxvwhg jurvv lqfrph	Wd{deoh LUD glvwulexwlrqv		Shqvlrqv dgg dqqxlwlhv				Vrfldo vhfxulw ehqhilwv			
	Qxpehu ri uhwxuqv	Dprxqw	Wrwdo		Wd{deoh		Wrwdo		Wd{deoh	
			Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw
Doo uhwxuqv/ wrwdo	46/986/36	568/338/365	63/996/448	4/443/8<9/<37	5;/476/894	996/556/595	5;/734/7<;	8:8/459/<4;	4/<34;/9;7	594/488/<6<
Qr dgmxvwhg jurvv lqfrph	484/4;8	5/53</8<7	5;5/345	:/739/334	553/3<7	5/<77/748	;7:/;;8	49/6;:/746	4/86	45/353
'4 xqghu '8/333	67;/5:.	<37/45:	;37/:46	9/653/566	:6;/93<	5/389/6; ;	4;/78/453	63/795/95<	4:/657	79/84:
'8/333 xqghu '43/333	879/;<6	5/7:</557	4/5;8/46:	44/549/64;	4/577/6<3	9//;7/698	5/355/475	68/;97/6<	65/76:	4<6/<74
'43/333 xqghu '48/333	:5:/54:	7/438/575	4;/43/756	53/<85/8:9	4:/89;/88	48/393/564	5/63/<69:	74/95;/:57	44/<889	4;/9/635
'48/333 xqghu '53/333	999/7<6	7/993;/49	4/:::/;6:	56/<87/443	4:/36/597	4;/8<:/<44	4/<64/33:	69/944/<69	;34/;:5	<:9/43:
'53/333 xqghu '58/333	988/53:	8/3;3/967	4/857/446	57//:6/565	4/789/36<	4;/837/699	4/8;5/476	64/5;:/;8	4/57</493	5/8<6/938
'58/333 xqghu '63/333	8;4;/75	8/48</<95	4/743/333	58/49:/<:3	4/673/:7<	4;/<55/33;	4/663/4::	59/9:6;/43	4/59;/887	7/5:5/6:3
'63/333 xqghu '73/333	<;5:/79	</7;</;48	5/894/;46	85/<63/5:5	5/753/;48	6</5:</658	5/476/684	76/;<3/54:	5/475/687	45/89</;87
'73/333 xqghu '83/333	<57/<3:	43/788;/99	5/675/685	88:/48/7:9	5/534/7:5	74/<6:/:5:	4;/33/688	68/:35/63;	4/;<:/6:5	4:/6;:/9<5
'83/333 xqghu ':8/333	5/6:7/;8<	63/<4:/89<	8/544/947	493/<4;/;67	7/;:4/:54	447/7;:</;64	7/39/;:6;	;6/889/<4:	7/399/;99	8</;5/<7<9
'8/333 xqghu '433/333	4//;;433	66;/74/98:	7/389/3:9	48</<6/<:8	6/9<5/697	439/4<4/45	5//;8/738	9:/75:/<88	5//;8/734	89/567/534
'433/333 xqghu '533/333	5::9/<5:	:6/878/3<4	8/:77/:68	679/847//43	8/38;/:;3	533/685/;6:	6/86;/584	<5/3::/395	6/86:/<49	:;/57<:<:
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'4/333/333 xqghu '4/833/333	59/5:4	4/:7;/354	77/988	;59;/538	63/;6<	4/:43/::8	65/343	4/38:/4<	65/334	;:</6;3
'4/833/333 xqghu '5/333/333	44/376	:<3/9<7	4;/643	6/96</357	45/9;:	9;</345	47/43:	7:6/834	47/439	735/789
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'8/333/333 xqghu '43/333/333	6/7:4	66</<37	9/999	4/;7:/476	7/998	6<4/7;4	7/;<36	4:8/484	7/;<33	47//:99
'43/333/333 ru pruh	5/473	796/8<7	7/469	4/7<:/399	6/33:	77</8::	6/55:	44;/;67	6/558	434/339
Wd{deoh uhwxuqv/ wrwdo	43/<;3/57;	549/9:6/3;9	57/6;8/4<	4/358/496/3:6	55/599/64:	946/;<8/4;6	4;/749/493	737/753/94;	4:/44;/;69	584/<3:/467
Qr dgmxvwhg jurvv lqfrph	777	;9/379	4/43<	556//;	;6:	;8;/99	5/748	94/656	68	<75
'4 xqghu '8/333	- </399	- 48/977	4:/445	8</878	4:/445	7:/4<3	53/547	54;/3;8	- 4/343	- 4/547
'8/333 xqghu '43/333	- 9/37;	- 48/84<	53/:;7	84/877	4:/553	6</399	65/4;:	639/367	- 7/364	- 5</:<<
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'48/333 xqghu '53/333	5;3/7;4	4/<53/338	;83/8;<	44/677/535	;4/<4<	</9<3/:35	;76/443	45/<37/889	75</<39	839/6<:
'53/333 xqghu '58/333	6;7/994	6/359/;77	<79/3<:	48/:77;/46	<3:/698	45/7<6/697	<59/937	49/946/<44	;35/86:	4/:93/799
'58/333 xqghu '63/333	76:/;98	6/<87/4;:	4/3;9/<35	53/646/:96	4/376/536	48/<:/7:87	4/377/<64	53/97/;<3	4/333/989	6/77:/:95
'63/333 xqghu '73/333	;98/64:	;74/<448	5/496/:67	79/83:/:47	5/38;/8:;	68;/75/995	4//5/<9<	6;/4;5/:6<	4//5/<9<	44/3:5/;65
'73/333 xqghu '83/333	;85/::9	</:9;/48;	5/45;/865	84/<56/744	5/347/689	6</<87//98	4/99:/784	66/548/566	4/998/75:	49/53//;9:
'83/333 xqghu ':8/333	5/5:3/49:	5</953/53;	7/<<</9;:	488/:75/459	7/9;5/435	444/:44/49;	6/<4;/599	;3/754/:37	6/<49/5<8	8:/8:</7;8
'8/333 xqghu '433/333	4;/86/545	66/763/647	6/<:/9/;4:	48:/34</87:	6/964/73<	438/634/:36	5;/47/95<	99/469/46;	5;/47/95<	88/478/6:3
'433/333 xqghu '533/333	5:/86/547	:5/;9/;4;:	8/:3/</<6<	677/587//;9	8/35;/856	4<</774/775	6/833/387	<4/546//;4;	6/7<</:77	::/84;/8<7
'533/333 xqghu '833/333	;75/996	73/4;8/6;5	4/878/356	493/58/:4:	4/554/:8;	97//46/778	;<5/95	59/9<:/<:	;<5/936	55/9<5/<:<
'833/333 xqghu '4/333/333	45:/53:	:/5:7/9<6	537/<5<	66/4:9/4<	477/<:9	;553/84<	46;/3<7	7/6:7/:93	46;/38:	6/:4:/7;<
'4/333/333 ru pruh	8;/367	7/954/5;3	433/5;:	54/374/6:6	9/<85	7/68</944	:7/;8<	5/855//;7	:7/;78	5/477/39<
Qrwd{deoh uhwxuqv/ wrwdo	5/9:6/788	4;/664/<79	9/5::/7:9	;8/766//54	8//::/577	7</75;/3:<	/;<8/66;	4:3/:39/633	4//<</;7;	</57//;38

- Hvwlpdwh vkrxog eh xvvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylvlrq/ Mxo| 53491

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^Doo iljxuhv duh hvwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq wkrxvdqgv ri grooduv'

Vl}h ri dgmkvwhg jurvv lqfrph	Wd{deoh LUD glvwulexwlrqv		Shqvlrqv dgg dqqxlwlhv				Vrfldo vhfuxulw ehqhilwv			
	Qxpehu ri uhwxuqv	Dprxqw	Wrwdo		Wd{deoh		Wrwdo		Wd{deoh	
			Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw
Doo uhwxuqv/ wrwdo	46/664/4:<	546/935/686	63/346/:57	4/37;/548/584	5:/:88/;<5	96;/98</3:9	5:/3:3;/66	886/875/::5	4;/83:/657	576/65:/77;
Qr dgmkvwhg jurvv lqfrph	493/;3<	5/736/733	5<4/;88	:/563/<;6	578/759	6/5:;/693	;88/78:	49/5:4/69:	6/7<;	4</868
'4 xqghu '8/333	66:/58<	;3<;:6	:<5/733	8/:43/477	:58/;5<	4/<;</<;6	4;/79/867	63/847/76;	4</885	88/993
'8/333 xqghu '43/333	89</;38	5/6<</4:9	4/584/3<<	43/<6;/3;4	4/544/549	9/998/;9:	5/33;/89:	67/743/5<6	66/4;:	4;9/9;6
'43/333 xqghu '48/333	:79/<7;	7/738/47:	4/;5/;:6	53/9<9/675	4/:::/:45	48/543/63;	5/689/643	75/669/9;;	446/954	558/5<3
'48/333 xqghu '53/333	994/785	7/5<7/<;6	4/::/5/8<3	58/<<8/:69	4/67/9::	4</863/553	4/<<5/683	69/7/</4:3	:7:/3:9	;:5/884
'53/333 xqghu '58/333	959/979	7/;8/:66	4/8<7/;;6	58/4;3/637	4/865/95;	4</66:/;37	4/965/46<	64/769/7;7	4/59</353	5/967/8:7
'58/333 xqghu '63/333	8<8/:39	8/466/5;:	4/759/967	58/66:/;6:	4/693/647	4/;;/8/<4;	4/665/35:	59/867/436	4/5:;/893	7/675/:7<
'63/333 xqghu '73/333	4/476/;77	44/384/;7<	5/:43/438	87/598/<<5	5/8:</5;3	74/<:9/39<	5/675/83<	7:/9:</9<;	5/674/7<:	46/86:/<<5
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'4/833/333 xqghu '5/333/333	/;785	838/:39	48/349	6/4:;/633	43/69:	977/:4;	43;/47	686/;43	43/;44	633/996
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'43/333/333 ru pruh	4/883	663/697	6/395	4/37</466	5/646	599/7<8	5/79<	;</6;<	5/79:	:8/<:8
Wd{deoh uhwxuqv/ wrwdo	43/93;/<66	4<7/4<6/798	56/:5;/676	<97/85:/6:;	54;/49/357	8;;/4<5/589	4:/<<:/:37	6;6:/76/6<8	49/945/7::	567/553/8::
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'433/333 xqghu '533/333	5/856/685	97/733/9:8	8/59;/394	647/;77/959	7/986/847	4;6;/88/6;;	6/559/68:	;55::/;5:	6/559/63<	9</<43/887
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'833/333 xqghu '4/333/333	434/934	8/<88/975	4:7/7<	59/848/8:9	457/96:	9/9;5/866	447/978	6/94:/;:8	447/96<	6/3:8/487
'4/333/333 ru pruh	79/::3	6/7/4/;<6	;4/:37	4:/563/;<:	8;/4<6	6;/8<6/;7	93/:8<	4/<<5/5::	93/:38	4/9<5/7:8
Qrwd{deoh uhwxuqv/ wrwdo	5/:55/579	4</73/;::;	9/5;8/6;3	;6/9;:;/:6	8/<6<:/;9;	83/799/;54	</3:6/463	49</:<</6::	4;/;<7/;7;	</439/;:4

- Hvwlpdwh vkrxog eh xvvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylvlrq/ Mxo| 53481

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^Doo iljxuhv duh hwwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq wkrxvdqgv ri grooduv`

Vl}h ri dgmxvwhg jurvv lqfrph	Wd{deoh		Shqvlrqv dqg dqgxllwhv				Vrfldo vhfxulw ehghilwv			
	LUD glvwulexwlrqv		Wrwdo		Wd{deoh		Wrwdo		Wd{deoh	
	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw
Doo uhwxuqv/ wrwdo	46/4<8/977	563/;/6/794	5</849/;;	<:8/5:7/73:	5:/5;/<:3;	945/877/54<	59/7;3/885	859/847/787	4:/::5/59:	556/8<:/357
Qr dgmxvwhg jurvv lqfrph	493/<<8	5/<;7/548	5<6;/93	:/784/787	579:/:66	6/4<;/47;	;77/586	48/7:4/997	8:/:44	75/54;
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'63/333 xqghu '73/333	4/3;6/699	</<9:/:4<	5/9:7/897	87/799/<74	5/86</745	74:/95/;/56	5/54:/8<8	76/6:;/97:	5/546/8<7	45/663/389
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':8/333 xqghu '433/333	4:/:57/;/6<	5/<7;5/36<	6/:77/;/9;	477/99;/748	6/769/;/59	<</579/43<	5/8<5/788	8:/:;</759	5/8<4/784	7;/743/44<
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'4/833/333 xqghu '5/333/333	47/344	5/<65/9<<	4;/48<	6/9;8/:6;	46/343	<<:3:;	46;/53	758/9;7	46;/4:	694/;9:
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Wd{deoh uhwxuqv/ wrwdo	43/84;/3<8	544/;/4/587	56/6:4/7<	;<6/<94/454	54/845;/88	896/;<8/8:7	4:/8:6/8;8	695/96:/849	49/377/4;3	548/986/;37
Qr dgmxvwhg jurvv lqfrph	:98	475/<6;	;:4	4<</:79	;34	;;/4;9	5/686	87/<<6	--	--
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':8/333 xqghu '433/333	4/:34/77;	5/<43:/9<<	6/:46/5<:	476/735/846	6/73;/;/8	</96;/749	5/896/9<5	8:/3;/;376	5/895/9<5	7:/;64/<;<
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'4/333/333 ru pruh	:8/;<<	4/<4<5/9;:	<;/9:;	54/958/347	:4/887	9/699/;;	:7/799	5/657/456	:7/787	4/<:8/4:<
Qrgwd{deoh uhwxuqv/ wrwdo	5/9:;/883	4;/<35/53:	9/478/45<	;4/646/5;9	8/::9;/86	7;/97;/978	/;<39/<9;	496/;/9/<6:	4:/5;3;:	:/<76/553

- Hwwlpdwh vkrxog eh xvgh zlwk fdxwlrq ehfdxvh ri wkh vpdoo oxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dqg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlfv ri Lqfrph Glylvlrq/ Mxo| 53471

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^Doo iljxuhv duh hwwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq wkrxvdqgv ri grooduv`

Vl}h ri dgmxvwhg jurvv lqfrph	Wd{deoh		Shqvlrqv dqg dqgxllwhv				Vrfldo vhfxulw ehghilwv			
	LUD glvwulexwlrqv		Wrwdo		Wd{deoh		Wrwdo		Wd{deoh	
	Oxphehu ri uhwxuqv	Dprxqw	Oxphehu ri uhwxuqv	Dprxqw	Oxphehu ri uhwxuqv	Dprxqw	Oxphehu ri uhwxuqv	Dprxqw	Oxphehu ri uhwxuqv	Dprxqw
Doo uhwxuqv/ wrwdo	46/33/;;;	54:/64/<4<3	5;/<;/4/538	<43:/64/;;5	59:/8:/498	8;4/4;3/68;	58;/6:/559	7<3/9<</86<	49:/;8/474	534/945/539
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':8/333 xqghu '433/333	4/:3;/:69	63/<6</:;7	6/94;/3<;	46:/7:;/<7:	6/64:/5:5	<8/597/58;	5/783/648	86/:45/7;4	5/783/5<<	78/48:/959
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'533/333 xqghu '583/333	5;3/3:4	44/8<5/364	848/<43	73/:/7/9;4	758/5;3	53/58;/:44	5:3/:47	:/48/<455	5:3/9:;	9/3;7/:44
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'4/333/333 xqghu '4/833/333	56/:39	6/44:/76;	64/:75	8/<49/493	55/75<	4/744/438	54/798	978/98:	54/793	87;/:37
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'58/333 xqghu '63/333	833/655	6/<57/575	4/4:6/59;	54/:8;/<4:	4/455/:55	4:/5:8/<<4	4/435/68<	53/9;/46;	4/378/83<	6/694/<:5
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':8/333 xqghu '433/333	4/9;3/73:	63/573/453	6/89</645	468/876/9;7	6/5:;/;68	<7/7<:/3:<	5/744/3<<	85;/55/747	5/744/3:;	77/766/<3;
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'4/333/333 ru pruh	85/:94	44/784/4;7	:4;/3<	48/96</;:4	84/8<4	7/49;/883	83/:56	4/885/757	83/:44	4/64</66;
Qrgwd{deoh uhwxuqv/ wrwdo	5/9;/;64<	4</9;/<935	9/53;/959	;3/:36/4<4	8;/75/<9:	7;/;3/698	;/<98/9<5	48;/<5:/8;9	4/988/8;:	:/<9/<47

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Qrwh= Ghwdlo pd| qrw dqg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylvlrq/ Mxo| 53461

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 ^Doo iljxuhv duh hwwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq wkrxvdqgv ri grooduv`

Vl}h ri dgmxvwhg jurvv lqfrph	Wd{deoh		Shqvlrqv dqg dqgxllwhv				Vrfldo vhfxulw ehghilwv			
	LUD glvwulexwlrqv		Wrwdo		Wd{deoh		Wrwdo		Wd{deoh	
	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw	Oxpehu ri uhwxuqv	Dprxqw
Doo uhwxuqv/ wrwdo	45/84:/5;3	4<7/665/<83	5;/;/;<88:	;/4/4<8/<<4	59/8<9/:6:	88;/873/<65	58/755;/:7:	7:./;/88;/9;	49/4;3/6<:	4<3/:78/9:;
Qr dgmxvwhg jurvv lqfrph	48;/98;	6/358;/83	63;/34:	;/455/<;9	57:/874	6/34</3;:	4/35</884	49/<43/59;	9/7;3	7</43:
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'43/333 xqghu '48/333	:<6/673	7/446/8<6	4/<68/844	54/4;3/333	4;/9</565	48/8<:/44:	5/798/:<6	74/9<7/;68	./:/:98	549/<:9
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':8/333 xqghu '433/333	4/9:./:<<6	5</74:/5;<	6/965/37<	466/66:/587	6/5<4/58<	<3/:7:/;8;	5/66</658	83/7:3/854	5/66</655	75/777/574
'433/333 xqghu '533/333	4/<:/9/<;3	84:/97/868	7/75;/336	569/859/98;	6;/;/6/4;8	476/584/545	5/666/5:9	88/5<7/47<	5/666/594	79/<95/538
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'43/333/333 ru pruh	4/76;	<4;/;:;	5/<7<	4/888/883	5/393	5;</:7;	4/<84	97/:5;	4/<84	88/34<
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':8/333 xqghu '433/333	4/96:/376	5;/63:/;88	6/885/6<3	463/<49/785	6/55</776	;/;6;/<7	5/5;:/:6:	7/<6:5/4;8	5/5;:/:6:	74/867/./:5
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'4/333/333 ru pruh	6:/684	:898/645	:3/886	49/<<7/:86	7</3;5	6:/<4/;<9	7:/868	4/76;/994	7:/865	4/555/:8;
Qrgwd{deoh uhwxuqv/ wrwdo	6/339/8;6	55/7<:/977	9/<:3/344	<5/346;/34	9/7:8/6<7	85/./:3/843	</;6:/9;:	4:5/6:8/637	5/37;/:76	</8<4/6<5

- Hwwlpdwh vkrxog eh xvgh zlwk fdxwlrq ehfdxvh ri wkh vpdoo oxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dqg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylvlrq/ Mxo| 53451

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 ^Doo iljxuhv duh hwwlpdwhv edvhg rq vdpsohv00prqh| dprxqgv duh lq wkrxvdqgv ri grooduv'

Vl}h ri dgmxxvwhg jurvv lqfrph	Wd{deoh LUD glvwulexwlrqv		Shqvlrqv dgg dqqxlwlhv				Vrfldo vhfuxulw ehqhilwv			
	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw	Qxpehu ri uhwxuqv	Dprxqw
Doo uhwxuqv/ wrwdo	</98</466	468/535/:3;	5;/73;/38;	;55/:75/976	59/353/585	856/5<8/;33	57/8;</:46	78:/3;:/5:6	48/653/665	4:7/97</:;<
Qr dgmxxvwhg jurvv lqfrph	45;/4;5	5/857/6<6	653/;;;	;/395/7:8	598/:93	6/37;/34:	<37/<59	48/68:/6:7	7/5:5	68/<84
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'43/333 xqgghu '48/333	9;7/535	6/7:8/7<6	4/<8;/9:3	55/585/;5;	4/;;/;<97	48/96</<;8	5/78:/63<	74/8:7/<5<	:9/858	57:/63;
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':8/333 xqgghu '433/333	4/4<3/454	53:/55/64:	6/784/659	45:/;/:6/8;;	6/448/86;	;9/796/883	5/467/:99	77:/96/358	5/467/:97	6:/:48/58;
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'533/333 xqgghu '583/333	458/964	8/768/73;	735/;87	63/56</73:	65</;95	47/<3;/84:	534/6<9	8/4:;/3<7	534/6:<	7/734/4;;
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'833/333 xqgghu '4/333/333	64;/4;	5:/848/8<	43:/;/78	48/664/85<	:8/8:.	7/398/36<	:3;/37	5/36:/9:8	:3:/<8	4:/:64/::<
'4/333/333 xqgghu '4/833/333	8;/;39	863/759	56/8:7	6;/56/3;7	49/569	<98/86<	49/99:	7;4/699	49/999	73/<48;
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'5/333/333 xqgghu '8/333/333	5/;<;	737/6<3	46/679	5:/79/93:	</6:;	979/4;;	43/66;	648/67:	43/66;	59;/378
'8/333/333 xqgghu '43/33/333	898	468/8:.	6/3;:	:83/<;:	5/535	537/<87	5/7:.	:/5<<	5/7:8	98/9:5
'43/333/333 ru pruh	69<	547/;:3	4;/65	;4/<49	4/693	4;5/57:	4/763	7:/5<;	4/763	73/536
Wd{deoh uhwxuqv/ wrwdo	:/36;/796	449/384/8:4	54/3<8/4:;	:57/<84/4;5	4</5<:/5;<	79;/;:8/;;	47/<3</:67	5;:/865/8:;	46/746/:38	498/8:;/698
Qr dgmxxvwhg jurvv lqfrph	56:	98;/55	9<<	;/:37	97:	6:/;49	877	45/95<	- 99	- 4/483
'4 xqgghu '8/333	- 6/33:	- 43/564	44/36;	64/9;6	44/36;	53/<34	4/<536	53/</45	4/47;	8/7:9
'8/333 xqgghu '43/333	45/353	94/<6;	74/445	57;/768	6:/439	4:9/9;6	73/89<	769/:76	- 5/336	- 48/487
'43/333 xqgghu '48/333	4<4;/7;	<79/96<	9;4/3;7	:/:<9/:98	99</786	9/8:4/38;	:97/3:8	43:/98/584	57/77;	443/<37
'48/333 xqgghu '53/333	596/7;5	4/89;/7:4	;95/7:8	45/355/66;	;65/955	</896/4<8	;83/397	44:/53/599	663/64;	6<6/:44
'53/333 xqgghu '58/333	63;/686	5/57</74<	<98/59<	48/6<9/773	<53/;:3	45/6:3/65:	;68/;:4	46/<57/569	:47/3:7	4/64</9<6
'58/333 xqgghu '63/333	6;3/:54	6/396/7<:	4/449/<<;	53;/;8/4;5	4/3:</389	49/46;/6;;	4/334/5:;	4;/4:6/85:	<7;/434	6/355/<7:
'63/333 xqgghu '73/333	:48/44;	9/9<:/<36	5/4<3/;:6	78/968/;49	5/3:;/438	68;/6;/896	4;/35/6;3	66:/88/675	4/;<</;5;	</<56/<:8
'73/333 xqgghu '83/333	:57/7<9	:844/889	5/3;6/495	7;/954/96:	4/<9</<39	6;/4:8/;<<	4/89;/:8<	5;/9;:/985	4/89;/:8<	47/56;/88:
'83/333 xqgghu ':8/333	4/9:5/:44	54/556/396	7/9;3/368	46:/687/<;;	7/64</<59	433/4:3/9;9	6/675/:85	96/468/8<8	6/673/:63	79/574/358
':8/333 xqgghu '433/333	4/486/;:9	53/39;/58<	6/694/75:	457/;3;/<4<	6/375/6<:	;8/56:/954	5/3;/;436	76;/<6/9;6	5/3;:/436	69/<:;/845
'433/333 xqgghu '533/333	4/639/<8<	67/<47/:83	7/3;4/369	543/398/865	6/86;/<9:	458;/6</4;6	5/374/557	7:/<<8/45<	5/374/557	73:/74/684
'533/333 xqgghu '833/333	595/379	46/6;9/9;9	;94/9;<	:/489/69;	9:./6:;	65/66:/657	779/8;<	44/993/;:9	779/8;<	</<44/9:7
'833/333 xqgghu '4/333/333	64/:34	5/544/383	43:/7<7	48/568/345	8/596	7/377/<;;	:3/6<;	5/35:/4:8	:3/6<5	4/:55/<5:
'4/333/333 ru pruh	44/;:<	4/895/5<3	83/;:3	</946/695	68/87:	5/686/678	6:/<56	4/466/996	6:/<54	<94/644
Qr qwd{deoh uhwxuqv/ wrwdo	5/953/9:3	4</484/46:	:/645/;:3	<:/:<4/794	9/:55/<96	87/74/</<55	</9:</<:3	49</887/9;9	4/<39/95:	</395/847

- Hwwlpdwh vkrxog eh xvvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylvlrq/ Mxo| 53441

533; Lqglylgxdo Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw|/ e| Vl}h
 ^Doo iljxuhv duh hvwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq '

Vl}h ri dgmxvwhg jurvv lq	Wd{deo		Shqvlrqv dgg dggxlwlhv				Vrfldo vhfxulw ehghilwv			
	LUD glvwulexv		Wrwd		Wd{deo		Wrwdo		Wd{deoh	
	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw
Doo uhwxuqv/	44/58</75	495/483/55	5;/344/:7	;77/::7/54	58/873/57	839/59</35	57/399/;;	748/8;:/74	48/348/76	49;/443/54
Qr dgmxvwhg jurvv lq	449/<7	5/369/<5	5;4/36	;447/55	544/74	5/967/94	<67/:<	46/57:/76	6/8;:	69/85
'4 xqghu '8/:	588/38	95/;;;	:;5/53	8/558/85	:3:/34	4/<47/65	4;/37/4.	57/76;/7	45/87	67/7:
'8/333 xqghu '43,	83/<38	5/3;:/<6	4/646/75	44/779/6	4/593/35	9/8<:/94	5/348/54	5</7:8/95	63/65	488/63
'43/333 xqghu '48,	:47/;;	6;/79/;:	4;/88/<.	4</944/;'	4/:<9/;4	47/78;/:'	5/5<5/85	68/<88/85	74/68	46;/7:
'48/333 xqghu '53,	:55/7:	7/653/<	4;/85/95	57/;/8/4.	4/;/6/;.	4;/33:/56	5/33;/95	65/85;/55	7::/4:	843/;5
'53/333 xqghu '58,	954/43	7/3;8/44	4/937/;4	5;/34/;:	4/856/;5	4:/<58/;5	4/877/;5	58;/75/55	4/3;5/;5	4:/<4/95
'58/333 xqghu '63,	883/<8	7/386/45	4/79:/;.	58/999/9.	4/6;5/5.	4;/8:3/;:	4/59;/4'	54/666/8	4/4;3/;4	6/67:/55
'63/333 xqghu '73,	4/373/95	;/:47/4.	5/:43/3	85/753/95	5/868/65	6;/<46/35	5/443/35	69/776/95	5/436/84	43:/69/;5
'73/333 xqghu '83,	<87/95	</968/95	5/73</:4	86/399/45	5/576/95	6</5;4/;5	4/9:4/35	5;/6:</:5	4/99;/;5	47/;/6/35
'83/333 xqghu ':8,	5/394/35	58/899/45	7/<:9/7'	473/634/9	7/87:/7;	<:/85:/7	6/793/45	93;/58/9'	6/78:/85	78:/5;/35
'8/333 xqghu '433,	4/799/;5	57/4:./45	6/7;:/<.	45</38:/45	6/463/55	;6/898/7'	5/46:/65	76/54:/;5	5/46:/65	69/884/:'
'433/333 xqghu '533	4/:5/::5	77/645/95	7/434/<5	553/57</65	6/85:/65	456/586/55	5/46</85	7:/447/<'	5/46</55	73/364/<5
'533/333 xqghu '833	755/;4	54/54;/35	<87/99	<5/85</;5	:73/6:	68/375/85	865;/6	45;/66/3	865;/;4	43/<3:/;4
'833/333 xqghu '4/335	96/39	7/5<:/5	468/<3	4;/;5</4	<8/;4	7/<:/9/5;	<3/<:	5/73</45	<3/<5	5/378/;5
'4/333/333 xqghu '4/83	47/;<	4/578/8	66/3<	8/5;:/7	56/;5	4/5:3/85	56;/5	963/46	56;/5	868/93
'4/833/333 xqghu '5/33	9/36	834/93	47/84	5/:68/55	43/65	896/5<	43/<9	5<9/;6	43/<9	585/45
'5/333/333 xqghu '8/33	;/4:	;/<:/8<	53;/3	7/946/;5	47/;:	4/388/<5	48/64	757/5;	48/63	693/77
'8/333/333 xqghu '43/3	4/<9	59;/59	8/59	4/779/65	6/;6	6:6;/3	6/<:.	448/67	6/<:.	</37
'43/333/333 ru p	4/49:	587/75	6/7:.	4/69;/<5	5/78	659/94	5/84.	:8/;5	5/84.	97/69
Wd{deoh uhwxuqv/	;/<49/:3	478/;5;/44	55/363/:<	:98/<:/8/85	53/337/<7	796/8<9/4.	48/9:7/<<	5;5/595/;7	46/:5:/85	494/877/<:
Qr dgmxvwhg jurvv lq	435	4;/7:	:6<	85/8;	758	4/<66	6<;	</54:	- 7	- ;4
'4 xqghu '8/:	- 5/65	- 6/<4	4:/;3	87/37	4:/47	67/8:	66/76	685/8;	3	3
'8/333 xqghu '43,	44/<8	76/95	85/4<	79:/59	7:/;9	584/84	:6/89	:36/4:	- 8/54	- 68/<4
'43/333 xqghu '48,	5;3/<	4/738/<5	:;7/94	;/5<</55	:98/75	9/975/75	;;/6/56	44/93:/9'	47;/8	94/65
'48/333 xqghu '53,	66:/7<	4/<69/64	<64/58	45;/<6/35	;/<:/85	</94;/45	<66/84	45/536/;5	5<:/47	644/<8
'53/333 xqghu '58,	75:/38	5/:6</35	4/47<:/;5	4;/53/;:.	4/3<9/;5	46/<66/<.	4/3:3/3	4:/67</:4	;33/55	4/669/4.
'58/333 xqghu '63,	778/53	6/584/;.	4/493/7	54/548/9'	4/446/7;	49/399/<5	4/366/8	4:/664/;5	<:6/37	5;/4;/65
'63/333 xqghu '73,	<3:/63	:/5:3/55	5/649/4'	7:/5:</3.	5/4:;/<5	68/:65/85	4;/95/;'	65/385/<	4;/89/:	</88</8.
'73/333 xqghu '83,	;/:</4:	;/:7</7	5/4<6/8'	7</4;5/;5	5/388/4	6:/4:3/3'	4/899/95	59/7<:/<5	4/898/85	46;/53/34
'83/333 xqghu ':8,	4/<9/;:5	57/6;8/75	7/:87/;.	469/84;/55	7/68;/55	<8/57:/35	6/677/<'	8;/;44/3'	6/675/64	77/57/<:5
'8/333 xqghu '433,	4/763/55	56/879/7	6/75:/8'	459/837/9'	6/3:;/:5	5;/96;/8'	5/3;7/65	75/466/;5	5/3;7/65	68/96</;5
'433/333 xqghu '533	4:/44/8.	76/<:</35	7/3:;/<5	54</357/35	6/83:/7.	455/;4;/45	5/445/<	79/877/<.	5/445/95	6</885/<.
'533/333 xqghu '833	753/<9	54/3<7/;4	<83/:3	<5/4<9/<5	:69/;<	67/<46/35	85</3;	45/;6</75	85/</3;	43;/5;/8'
'833/333 xqghu '4/335	95/;:	7/597/;5	468/69	4;/:73/9	<8/57	7/<88/;5	<3/67	5/6<5/;	<3/5<	5/365/35
'4/333/333 ru p	65/33	6/46/;:'	:9/;7	48/67;/95	87/97	6/887/45	89/37	4/85:/34	89/36	4/5<:/95
Qrwd{deoh uhwxuqv/ wrwdo	5/675/:4	49/655/44	8/<:/3/<7	:/;:/;95	8/868/63	75/9:5;/4	;/6<4/;<	466/657/8:	4/5;:/<5	9/898/55

- Hvwlpdwh vkrxog eh xvng zlw fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glylv

533: Lqglylqxd Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw|/ e| Vl}h
 ^Doo iljxuhv duh hvwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq '

Vl}h ri dgmxvwhg jurvv lq	Wd{deo		Shqvlrqv dgg dggxlwlhv				Vrfldo vhfxulw ehghilwv			
	LUD glvwulexv		Wrwd		Wd{deo		Wrwdo		Wd{deoh	
	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw
Doo uhwxuqv/	43/9;6/558	47:/<8</65:	5:/9;:/47;	;84/85;/436	58/4;3/96:	7<3/8;4/798	55/8;:/:/4	6;5/657/954	48/344/<94	49:/4;9/966
Qr dgmxvwhg jurvv lq	;:84:	4/778/96:	587/:38	8/:36/593	4:6/596	4/<9/<6:	84</;78	:/6:4/869	4/687	6/:57
'4 xqghu '8/:	49:/937	764/66:	947/46;	7/:94/4::	878/878	4/895/66<	4/58</;58	48/<86/:78	44/<69	69/773
'8/333 xqghu '43,	6<:/486	4/837/9<3	4/477/6;3	</:94/546	4/3<3/56;	8/::/9/8;8	4/964/4:6	55/<<:/897	4:/976	;3;/86
'43/333 xqghu '48,	96;/53:	5;/88/5;:	4;/9;/84;	4</7;7/846	4;/3</6:4	47/89:/<56	5/4;:/859	65/:89/36<	76/858	468/<38
'48/333 xqghu '53,	956/745	6/96:/479	4;/44/868	57/637/959	4:/:76/875	4;/:<</73;	5</956/664	6<</754	6;7/:84	
'53/333 xqghu '58,	8:7/848	6/97:/73:	4/85;/6:;	58/3;9/:67	4/797/475	4:/8<3/596	4/784/776	56/645/363	<<9/:99	4/847/894
'58/333 xqghu '63,	889/86;	6:/<9/<:6	4/83;/89;	59/847/466	4/754/945	4;/95</7:6	4/599;/89	53/8;:/397	4/4:6/<:9	6/4<7/9;8
'63/333 xqghu '73,	<<9/7<9	:/59;/38;	5/9;5/779	84/5<</59<	5/835/<<<	6:/8<:/3;4	5/39:/9:;	67/:57/84<	5/399/387	43/6;5/6:3
'73/333 xqghu '83,	;98/439	;/4;:/<83	5/63;/9<<	84/:65/5;:	5/48:/97;	69/<5</;95	4/993/758	59/::/8/7;7	4/993/758	47/473/:<4
'83/333 xqghu ':8,	5/36;/<56	56/6:5/386	8/394/:59	477/8:8/974	7/965/36:	<9/49:/743	6/7<:/:3:	8</999/73:	6/7<9/39:	78/593/3<:
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'533/333 xqghu '833	777/694	4:/<6:/6:4	4/33;/869	<5/<63/<3<	:<3/7;6	68/895;/9:	94;/<96	47/:87/<74	94;/<73	45/874/749
'833/333 xqghu '4/33:	:8;/76	7/758;/99	496/:95	56/436/85<	44:/355	8/55:/4;3	44</<8<	6/33</9:8	44</<46	5/88:/;78
'4/333/333 xqghu '4/83	4:/84:	4/644/834	74/4;8	9;/88;/<5	5</95<	4/7;:/5;6	64/:/5	;3:/7::	64/::3	9;9/669
'4/833/333 xqghu '5/33	:/53<	87</8:7	4:/3:;	6/4:/:/7	45/:36	9<3/47:	46/<39	693/:98	46/<39	639/983
'5/333/333 xqghu '8/33	43/:54	;73/897	59/8;7	8/967/587	4</5;:	4/553/749	54/884	8:7/56;	54/87:	7;:/399
'8/333/333 xqghu '43/3	5/:76	658/7;6	:/465	4/<45/377	8/484	75:/74:	8;/53	494/5;:	8;/4<	46:/39<
'43/333/333 ru p	4/984	5;/7/757	7/954	4/::3:/43	6/7:9	7<7/9<<	6;/3<	443/996	6;/3<	<7/385
Wd{deoh uhwxuqv/	</37</466	46:/9;7/99<	55;/45;/;7	:<3/588/79<	53:/58/746	789/43:/68:	49/865/44<	5;:/<46/455	47/556;/:8	496/966/545
Qr dgmxvwhg jurvv lq	7;<	7:/5<9	4/897	4:7/496	4/359	77/8;9	4/3;4	54/3:7	-47	-699
'4 xqghu '8/:	-8/5;5	-9/:3<	47/46;	;3/883	44/7<:	57/834	7</549	79:/<<:	<<<	-7/689
'8/333 xqghu '43,	-:/5<8	-66/9<:	8</:55	676/4;9	8:/:;8	5:3/383	:6;/9:	:6;/56;	-7/4<8	-4</43;
'43/333 xqghu '48,	668/7;5	4/6;8/6;8	<<:/;67	</;6:/9;7	<:/:936	;3:</773	4/43</:8	47/454/:7:	55/5::	9;/455
'48/333 xqghu '53,	656/535	4;/3:/954	4/364/5;4	46;/<7/779	4/336/667	43/87:/865	4/35</987	46/795/99<	5<6/<9;	5<3/968
'53/333 xqghu '58,	7:8;/86	5;/;9/859	4/4<9/578	53/6<9/998	4/493/6<:	47;/6;/;47	4/495/7<8	4;/;34;/<3	;8;/9;<	4/5<5/859
'58/333 xqghu '63,	7:4/749	6/597/339	4/558/8<:	55/554/649	4/49;/89;	49/469;/7;	4/3:6/785	4:/733/9<:	4/348/7:9	5/:;/7/35<
'63/333 xqghu '73,	<37/445	9/956/479	5/6;4;/58	7:/63;/:84	5/564/<58	67/<:/3/536	4;/;7/584	64/854;/3;	4;/;5/94<	</835/565
'73/333 xqghu '83,	;5</<8:	:/99/49:	5/48:/<:4	7</586/593	5/359/<54	68/86;/<49	4/8<7/<:3	58/:89/<5;	4/8<7/<:3	46/954/779
'83/333 xqghu ':8,	4/<:/7:48	55/9<:/;35	7/<3;/:;<	473/:4/85:	7/836/53:	<7/933;/86	6/773/955	8;/:48/557	6/76:/<:5	77/87</3;:
'8/333 xqghu '433,	4/753/5:<	55/:5</549	6/747/4:8	459:/43/894	6/394/6;7	::/359/5:8	5/3;8/363	73/978/4<9	5/3;8/363	67/74:/354
'433/333 xqghu '533	4/:64/<:8	75;/39/4:5	7/48:/:;<:	557/663/6;:	6/879:/63	44;/<<</;46	5/546;/93	7:/854;/;:	5/546;/8:	73/63:/856
'533/333 xqghu '833	776/854	4:/<3:/5;:	4/338/<57	<5/888/<64	;:/;386	68/7<7;/94	94:/699	47/:54/6;<	94:/699	45/846/4<:
'833/333 xqghu '4/33:	:8:/98	7/74</584	496/88<	56/396/666	449;/93	8/54;/6:4	44</:79	6/338/38;	44</:39	5/887/336
'4/333/333 ru p	6</:<3	6/637/6<9	<9/786	4</646/:3:	:3/457	7/639/5<8	:9/:55	5/344/64;	:9/:4;	4/:3</893
Qrwd{deoh uhwxuqv/ wrwdo	4/967/3<5	43/5:7/98;	7;/98/596	94/5:5/967	7/788/558	67/7:7/43;	9/388/995	<6/744/7<<	:;:/3;8	6/886/754

- Hvwlpdwh vkrxog eh xvng zlw fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhg1

Qrwh= Ghwdlo pd| qrw dgg wr wrwdov ehfdxv1

Vrxufh= LUV/ Vwdlwlvlfv ri Lqfrph Glylv

5339 Lqglylgxdo Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw|/ e| Vl}h
 ^Doo iljxuhv duh hwwlpdwhv edvhg rq vdpsohv00prqh| dprxqvw duh lq '

Vl}h ri dgmxvwhg jurvv	Wd{deoh LUD glvwulexv		Shqvlrqv dgg dqqx				Vrfldo vhfxulw e			
	Qxpehu r: uhwxuc	Dprxqw	Wrwd		Wd{deoh		Wrwd		Wd{deoh	
			Qxpehu r: uhwxuc	Dprxqw	Qxpehu r: uhwxuc	Dprxqw	Qxpehu r: uhwxuc	Dprxqw	Qxpehu r: uhwxuc	Dprxqw
Doo uhwxuqv/	</<98/398	457/:38/885	59/844/69:	:;3;/64/7;<	57/3<;/553	783/787/798	53/93</697	66</:87/7:9	46/:7</4;8	477/736/;6<
Qr dgmxvwhg jurvv lq	<3/:56	4/48;/356	53</773	7/6:6/9:7	499/::;	4;/88/735	7:7/994	9/::</:3	5;	6/<::;
'4 xqghu '8/:	545/464	7:6/796	9:6/77:	7/9;6/3::	943;/9<	4/9:8/<:5	4/476/:97	47/<<:/889	49/::<	76/;<7
'8/333 xqghu '43,	777/74:	4/94;/77:	4/5;</<6<	44/54</47<	4/57</977	9/784/484	4/7<7/55:	54/6;6;/78	56/3<<	<9/<7:
'43/333 xqghu '48,	9::;/5<<	6/4<3/5;8	4;/8:;/7;	53/8<8/856	4/::<7/843	47/686/<:5	4/;/4/444	5:/;6</56<	68/577	483/599
'48/333 xqghu '53,	9:::/76<	6/<<9/556	4/;<:/656	58/<8</8:;	4/;/58/<:8	4/;/95/79;	4/::63/;89	59/745/788	665/874	63;/9;6
'53/333 xqghu '58,	8<9/337	6/:38/7;;	4/8<</335	58/47</;58	4/858/379	4/;3<8/<:9	4/77;/68<	56/49</369	4/335/434	4/843/;59
'58/333 xqghu '63,	879/4::	6/935/3;:	4/756/4<6	58/877/68:	4/655/;56	4/::<3</89<	4/56;/834	53/46;/573	4/478/859	6/46:/<36
'63/333 xqghu '73,	<75/78<	9/<59/7:<	5/947/93:	83/9;4/736	5/778/655	69/533/644	4/<77/8;5	64/46;/:7<	4/<75/485	</57;/597
'73/333 xqghu '83,	;5</975	:/754/4<6	5/5;7/;;4	85/985/6<3	5/43;/<35	69/::;5/;5	4/957/9:<	58/86:/3<4	4/957/656	46/7<9/668
'83/333 xqghu ':8,	4/;/49/4::	53/954/64;	7/:9</9;;	464/469/975	7/687/<::	;:/5<5/8<:	6/4<8/989	86/355/395	6/4<7/789	73/935/94;
':8/333 xqghu '433,	4/595/96:	4;/8;8/747	6/537/<66	447/;;/5/5<3	5/;7:/<:7	:5/537/799	4/;/4/855	68/497/7::	4/;/4/77;	5</;48/9<4
'433/333 xqghu '533	4/73</394	65/:67/;43	6/8<4/;8<	4<6/7<</<64	6/348/89:	<</879/7:8	4/;/87/578	6;/5:3/5;<	4/;/87/547	65/7<6/789
'533/333 xqghu '833	695/<98	47/834/9<7	;97/4;8	;7/<<7/587	994/58<	5</553/743	855/89;	44/947/6;;	855/6<:	</;9;/44<
'833/333 xqghu '4/333	95/4;:	6/937/56:	477/88<	4/;/587/9<	438/66;	7/63:/3;;	437/37<	5/7:7/453	437/37:	5/435/<74
'4/333/333 xqghu '4/83	48/57;	<3/534	69/778	8/<:/<557	59/84<	4/589/94;	5/<644	5:/;94	5</5<;	94;/957
'4/833/333 xqghu '5/33	9/8<6	754/496	49/399	5/:64/839	44/96:	949/;<<	46/6;7	669/934	46/6;7	5;9/43<
'5/333/333 xqghu '8/33	</654	:<:/;3<	56/:58	8/69:/378	4:/748	4/354/95;	4/<94:	837/7::	4</944	75;/:4;
'8/333/333 xqghu '43/3	5/4<<	576/4<4	9/49<	4/8;</:59	7/8;<	69</857	7/<79	464/;46	7/<75	445/368
'43/333/333 ru p	4/6;;	547/35:	7/38;	4/85:/4;:	6/389	764/379	6/657	<5/739	6/656	:;/864
Wd{deoh uhwxuqv/	;/566/569	447;/3:/769	54/943/::;	:53;/89/35<	4</87:;/46	749/984/5<;	48/4;5/658	589/577/9<<	46/365/9<<	474/543/64;
Qr dgmxvwhg jurvv lq	<::<	89/9:8	4/<<<	;/<755	4/<63	88/<44	4/747	5:/357	-	-5<3
'4 xqghu '8/:	;/976	4</736	53/8::	99/4;7	53/8::	69/;75	65/39:	658/8:8	-4/978	-:/:36
'8/333 xqghu '43,	68/99;	49:/:98	446/3<8	9:/;7;	43;/7:;	8;8/4<7	<8/:85	4/497/8;;	-7/77<	-</395
'43/333 xqghu '48,	66:/596	4/834/;58	<86/<57	43/85</685	<5;/466	:/:6:/::6	<6:/474	44/8:4/<34	53/;44	<4/798
'48/333 xqghu '53,	68</8<;	5/449/4:4	4/433/:45	47/8<</<3:	4/3:4/76<	44/755/<95	<::</669	45/<34/953	57;/8<;	546/8<<
'53/333 xqghu '58,	7:9/489	5/<7;/533	4/579/377	4</986/:78	4/4<:/43;	47/<3;/:8<	4/48</<7;	4;/6<5/495	;79/834	4/59;/739
'58/333 xqghu '63,	7:9/5:5	6/444/<86	4/53:/953	55/9<8/98;	4/45:/8:5	49/55</4<8	4/3:6/368	4:/845/5:5	4/344/597	5/::<7/767
'63/333 xqghu '73,	;9:/467	9/548/98;	5/68</8:6	79/:66/4:9	5/554/74:	67/538/;6;	4/;3:/747	5/;<98/699	4/;37/<:7	;96;/393
'73/333 xqghu '83,	::/6:;	7/3<;/669	5/463/33<	7/</:6/474	4/::/6:5	68/853/;5	4/888/7:8	57/835/457	4/888/4:<	45/<87/333
'83/333 xqghu ':8,	4/::3/66:	4/</75/:68	7/963/<;<	45;/943/344	7/56:/;<<	;:/:87/548	6/465/967	85/378/96;	6/464/768	6</;69/55;
':8/333 xqghu '433,	4/57;/334	4;/68</;4	6/49</:9;	446/;9:/65;	5/;4</7;9	:4/;83/;<3	4/;/96/466	67/;56/6:6	4/;/96/38<	5</859/65:
'433/333 xqghu '533	4/739/7;8	65/959/653	6/8;5/96:	4<6/459/;63	6/33:/:73	<</5:;/657	4/;7</53:	6;/494/358	4/;7</4;5	65/733/9<5
'533/333 xqghu '833	695/83<	47/7:</557	;96/3;9	;7/<33/:9<	993/659	5</4;4/475	854/783	44/8<4/73<	854/5<3	</;7/;:54
'833/333 xqghu '4/333	95/444	6/933/36<	477/6<9	4/;/566/<8<	438/533	7/5<9/863	436/;:4	5/7:3/79:	436/;9<	5/3<</;6:
'4/333/333 ru p	67/:37	5/896/684	;9/693	4:/4;:/:33	96/45:	6/9;9/<6:	:3/77:	4/;<3/489	:3/758	4/854/7<8
Qrwd{deoh uhwxuqv/	4/:64/;5<	</;<;/449	7/<33/8:;	8<:<:8/793	7/883/73:	66;/36/499	8/75:/36<	;6/83</:;;	:49/7;9	6/4<6/854

- Hwwlpdwh vkrxog eh xvvhg zlwz fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwh

QRWH= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glyl'

5338 Lqglylgxdo Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw|/ e| V1}h
 ^Doo iljxuhv duh hwlpdwhv edvhg rq vdpsohv00prqh| dprxqgv duh lq

V1}h ri dgmxvwhg jurvv	Wrwdo wd{d LUD glvwulexv		Shqvlrqv dgg dqqx				Vrfldo vhfxulw e			
	Qxpehu r: uhwxu	Dprxqw	Wrwd		Wd{deo		Wrwd		Wd{deo	
			Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw
Doo uhwxuqv/	</6;:/4;<	445/5::/4<<	58/685/3;;	9;8/63;/6<	56/57:/6:7	753/477;/88	48/843/78;	585/56</:38	45/993:/87	457;/5</39<
Qr dgmxvwhg jurvv lq	;3/<88	<5;/9;7	536/59;	7/4;;/8<	495/3;:	4/88</<77	4:7/859	5/836/95;	4/;<<	4;/968
'4 xqghu '8/	4<4/34:	76:/5;5	93:/8;<	6/864/6;	887/558	4/753/;<;	7:9/67;	8/<3</:6;	</4:7	59/879
'8/333 xqghu '43,	7:9/787	4/:69/44:	4/647/663	43/954/54	4/599/:8;	9/868/7;3	973/76;	/;656/588	54/78;	448/<97
'43/333 xqghu '48	:37/566	6/453/3:9	5/338/3:4	53/848/79	4/<7</:84	48;/78/3;8	:<6/458	44/849/767	6:/833	4;8/5;:
'48/333 xqghu '53	:6;/5;8	7/467/937	4/<;8/<57	58/768/65	4/<46/583	4</::6/<;<	<67/94:	47/97</463	65:/;53	734/<<3
'53/333 xqghu '58	8:8:/:78	6/86;/3:<	4/945/:87	57/446/;<	4/885/648	4;/949/795	4/3<5/9:;	4:/6<9/398	;:</357	4/564/37:
'58/333 xqghu '63	889/5<<	6;/44/888	4/7;8/549	57;/<7/69	4/73</9:7	4;/:83/5:6	4/4:4/98;	4;/:8</96:	4/473/9;5	5;/8:/73;
'63/333 xqghu '73	<53/:5;	9/:65/54:	5/8:9/74:	83/635/49	5/733/68<	69;/43/47;	4/<77/<43	5</:66/665	4/<77/586	</355/884
'73/333 xqghu '83	;47/69;	:/3:9/789	5/53</6:5	8:/59</44	5/36:/;38	69/739/59:	4/86</<8	55/<75/;67	4/86</<8<	45/5;5/3<9
'83/333 xqghu ':8	4/99;/8<6	4</:3:/73E	7/876/44<	458;/<6/<7	7/479/3:;	:/734/9:7	5/<:3/885	7:/6<:/;<	5/<9</888	69/956/66:
':8/333 xqghu '433	4/3<6/<4;	4:/48:/;<E	5;/68/459	433/9:7/58	5/894/85:	97/8<:/:43	4/956/6<6	5</778/3:9	4/956/5;;	57/<69/69:
'433/333 xqghu '533	4/4;8/3<;	5:/435/863	6/365/694	489/536/<4	5/8:4/57;	/;6737/345	4/899/:8:	63/<<7/:3:	4/899/:87	59/677/<78
'533/333 xqghu '833	5<</65;	44/6<</:7E	:74/8;6	89:/<7/59	8:5/647	55/7:8/9;<	766/7<3	</589/478	766/7;4	/;9:/7<9
'833/333 xqghu '4/33:	86/576	5/;;;/:77	459/5;<	45/<:6/87	<6/7;9	6/75:/5<7	/;<3:3	5/335/396	/;<39;	4/:34/:5;
'4/333/333 xqghu '4/83	45/59;	/;73/:5	63/8;<	6/<9</45:	56/968	4/378/56<	57/575	898/7:9	57/575	7;3/983
'4/833/333 xqghu '5/33	8/948	6;:/476	46/:9;	5/33</63	43/6;7	7:4/334	44/459	5:6/664	44/459	565/663
'5/333/333 xqghu '8/33	:/<;;	:65/:33	53/697	6/8:7/3;:	48/95;	<39/5;7	49/877	739/355	49/877	678/449
'8/333/333 xqghu '43/3	4;/5<	557/446	8/757	4/4:;/88'	7/459	63</998	7/596	43</58<	7/596	<5/;:3
'43/333/333 ru f	4/558	653/<	6/855	4/498;/8'	5/:56	6;:/:6<	5/:95	:6/:;8	5/:95	95/:4:
Wd{deoh uhwxuqv/	:/:3;/788	436/393/836	53/88</73;	966/364/37:	4;/:93/3:8	6;:/:<6/675	46/35:/<85	547/948/4<3	45/34;/;<9	455/46:/988
Qr dgmxvwhg jurvv lq	579	55/448	;6:	7:/9<3	;35	63/764	7;9	44/433	-86	-867
'4 xqghu '8/	-:/5:7	-</755	53/64<	/;6;/6;	4;/648	67/4<6	49/:43	459/8;7	00	00
'8/333 xqghu '43,	76/888	536/4;8	489/596	4/6:3/3;	486/636	<83/63;	/;:/;<5	/;4;/9:	-9/5:<	-77;/87
'43/333 xqghu '48	68</3;6	4/7:6/8:3	4/386/767	43;/69/44	4/35</484	/;44/593	747/;;;	8/435/889	56/888	453/543
'48/333 xqghu '53	76;/;/;7	5/84;/496	4/53:/6;7	49/379/7<	4/494/994	45/;/;7/364	93;/389	/;894/78<	58;/867	5;:/<8:
'53/333 xqghu '58	7;4/7;:	5/<69/<96	4/5:./4:5	53/48</45	4/567/45;	49/384/::<	<53/863	47/738/5<:	:98/<56	4/398/<38
'58/333 xqghu '63	7;:/768	6/6;5/996	4/577/389	54/<:6/65:	4/4<6/399	49;/85/9;6	4/364/96:	49/756/6;4	4/33</798	5/886/::8
'63/333 xqghu '73	/;6:/679	9/365/869	5/653/<;4	79/5;4/<4	5/4:</583	67/8<8/974	4/;<7/5::	5:/767/3<8	4/;<6/953	/;679/74;
'73/333 xqghu '83	:8/<;7	9/:88/3:6	5/3:5/667	88/846/4<	4/<4:/;;	68/67:/987	4/7;9/33<	55/4;9/7:3	4/7;9/33<	44;/7;:37
'83/333 xqghu ':8	4/966/::7	4</6<3/359	7/766/678	456/867;/7	7/37</644	/;9/35:/6:5	5/<59/67:	79/:4;/:8:	5/<58/684	69/444/<:3
':8/333 xqghu '433	4/3;9/78:	4:/34</5<E	5;/44;/<6	433/3;:/43	5/874/5;6	97/5:./78:	4/945/848	5</5<8/;<6	4/945/745	57;/3</89<
'433/333 xqghu '533	4/4:9/534	59/:5:/873	6/354/77:	488/8<</94	5/894/346	/5/<;8/735	4/88:/<68	63;/4;/3<9	4/88:/<68	59/4<7;/79
'533/333 xqghu '833	5<;:/77	44/68</53:	:73/695	89/9<3/7<	8:4/588	55/759/65<	765/4:8	</55</877	765/49<	/;77/<67
'833/333 xqghu '4/33:	86/45;	5/:6/43;	459/395	45/<75/8:	<6/5;9	6/746/486	/;:/;69	4/<<9/:9<	/;:/;68	4/9<:/566
'4/333/333 ru f	5;/;/7;	5/78:/33:	:6/84<	44;/96/97	89/696	6/438/983	8;/:8:	4/756/575	8;/:8:	4/53</:79
Qrwd{deoh uhwxuqv/	4/9;:/:67	</549/9<9	7/;<5/9:<	85/5:./67'	7/7;:/5<;	65/684/846	5/7;5/839	6:/957/848	974;/8;	5/9<4/747

- Hwlpdwh vkrxog eh xvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhv

QRWH= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph Glyl'

5337 Lqglylgxdo Lqfrph Wd(= LUD Glvwulexwlrqv/ Shqvlrqv/ dqg Vrfldo Vhfxulw|/ e| Vl)h
 ^wkrxvdqgv ri grc

Vl)h ri dgmxvwhg jurvv	Wrwdo wd{d LUD glvwulexw		Shqvlrqv dqg dqqx				Vrfldo vhfxulw e		
	Qxpehu r. uhwxu	Dprxqw	Wrwd		Wd{deo		Wrwd		Qxpehu r. uhwxu
			Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	
Doo uhwxuqv/	;/<46;/79	434/9:5/4;4	58/463/34;	95:/997/574	56/456/6<3	6<7/5;8;/7<	47/:8<8; <	564/;:6/553	44/9<4;/8<
Qr dgmxvwhg jurvv lç	:9/5:6	<5/:8:4	533/4<:	7/:86/:37	494/88<	4/7:3;/9;	495/86<	5/46:/37;	563
'4 xqgghu '8/:	538/::;	78;/57;	98</96<	7/996/<93	94:/94<	4/8;5;/7;	835/:::	9/648/<95	45/;;;
'8/333 xqgghu '43,	7<8/<;3	4;/67/<35	4/73;/389	43/<3:/36<	4/68</55:	:/4:9;/66	9<3/<37	;/;:/<464	45/<94
'43/333 xqgghu '48,	:83/:<5	6/854/<9	5/3:;/69;	54/;/4/64<	5/348/:64	49/896/978	<33/<94	45/;3;/:58	78/:55
'48/333 xqgghu '53,	:;/<887	7/3<;/;7:	5/49:/3<<	5;/3:;/381	5/433/56:	54/<87;/4<	<36;/3<	46/848/9;5	596/945
'53/333 xqgghu '58,	88:/868	6/87;/6;<	4/94</:78	58/35;/;41	4/893/95<	4;/:6;/63:	4/38</345	49/55;/:4<	;95/:99
'58/333 xqgghu '63,	87;/:57	6/7:7/<5<	4/775/739	57/339/47<	4/6:4/4;5	4/<388/87:	4/45:/; <	4:/645/48:	4/3;5/677
'63/333 xqgghu '73,	;;/6/797	9/833/6;<	5/93:/:9;	79/:74/96<	5/78;/756	69/854/:89	4/;/9/737	5;/3;3/675	4/;/9/737
'73/333 xqgghu '83,	;46/<:7	:/6<9/99<	5/54;/754	7/<84/< <9	5/378/948	68/:38/774	4/7: < / < 8	54/;9</3<4	4/7: < / < 8
'83/333 xqgghu ':8,	4/8<:/:83	4/<448/48<	7/834/895	457/6<4/<6<	7/494/569	;8/433/8:5	5/:<5;/<9	76/335;/78	5/:<5;/<9
'8/333 xqgghu '433,	<65/;;	48/57</865	5:/97/966	<5/777/337	5/747/385	8</5;4/<88	4/754/;/3	58/7:;/99<	4/754/;/3
'433/333 xqgghu '533,	<:/;69	55/7<9/36<	5/9:;/749	459/;<7/641	5/597/:<<	9:/;68/676	4/67;/59;	58;/89/;;8	4/67: /<46
'533/333 xqgghu '833,	555/:53	</67</677	945/7;3	7:/<3:/89<	7:5/548	4:/:75/653	693/656	:/8;6/877	693/656
'833/333 xqgghu '4/333	6;/984	5/46:/359	435/758	43/<59/69<	:8/7:7	6/435/93;	:8/:8:	4/9<3/3;5	:8/:83
'4/333/333 xqgghu '4/83	</484	884/; <	58;/88	6/497/86	4</;6<	::/4:<	53/44:	789/5<5	53/44:
'4/833/333 xqgghu '5/33	7/4:7	647/784	44/355	4/:69/7<6	/;4<<	76: /<77	/;9;8	53;/754	/;9;8
'5/333/333 xqgghu '8/33	8/888	749/4;6	49/77:	5/9:;/3:9	45/6<7	:6</889	45/946	637/84;	45/946
'8/333/333 xqgghu '43/3	4/5:7	467/455	6/<59	< ;9/394	5/<;9	575/:68	6/386	:9/;<7	6/386
'43/333/333 ru p	:;5	479/;<9	5/886	<88/57:	4/<:7	586/8:6	4/<3:	7</544	4/<3:
Wd{deoh uhwxuqv/	:/475/<45	<5/54/<7;8	53/493/<76	8:5/33;/884	4;/793/348	694/4;4/7<	45/5;4/8;4	4<8/4;6/33:	44/4;4/445
Qr dgmxvwhg jurvv lç	534	4:/776	<35	:5/<:6	:64	64/:59	6;<	:/575	8;
'4 xqgghu '8/:	-8/<75	-9/3<3	45;/8:	56/533	45;/8:	53/88:	4;/;87	4;8/586	00
'8/333 xqgghu '43,	86/574	576/8;:	499/56;	4/3:;/48<	499/56;	4/374/;6<	:6/<:6	9:5/643	-<:5
'43/333 xqgghu '48,	676/468	4/8:4/<5;	4/366/5:4	43/4:5/<:4	4/343/39<	/;9;6/6<:	78:/6;5	8/4:;/89;	54/794
'48/333 xqgghu '53,	7:;/64;	5/634/75<	4/69;/:8	4;/3<7/76<	4/668/8:8	47;/34/3:<	8<:/<4<	/;6:3/8;3	546/849
'53/333 xqgghu '58,	785;/4:	5/<9;/447	4/5<;/778	53/84;/:6<	4/589/54;	49/3;3/5:9	<48/:33	46/:86/:49	:96/:74
'58/333 xqgghu '63,	7:;/588	6/389/9<4	4/56</5; ;	54/96</:9	4/4;6/445	4:/6<9/494	4/338/6<6	48/678/96<	<9</:87
'63/333 xqgghu '73,	;38/4;8	9/354/;:8	5/67;/484	76/694/9:4	5/55</975	67/746/5<4	4/;:8/479	59/985/794	4/;:8/479
'73/333 xqgghu '83,	:;4/6;7	:/433/8<<	5/3;5/36:	7:/856/:6	4/<69/8<:	67/93:/34;	4/765/<98	54/455/:3<	4/765/<98
'83/333 xqgghu ':8,	4/894/:93	4;/8;5/<74	7/73:/<:4	455/:96/98	7/3:;/;5;	/;753;/666	5/:88/986	75/7;3/798	5/:88/986
'8/333 xqgghu '433,	<57/374	47/<65/553	5/:7;/563	<4/<8/64<	5/6<</665	8</3<:/667	4/745/967	58/5:5<7;	4/745/967
'433/333 xqgghu '533,	<:;/946	55/793/:38	5/9;3:/58	459/79:/5:1	5/58;/639	9:/859/8:4	4/676/;<8	58/;:6;/87	4/676/86<
'533/333 xqgghu '833,	555/7:5	</667/598	944/<53	7:/;8/<7	7:4/:64	4:/:54/<78	68</99<	:/8:3/6<9	68</99<
'833/333 xqgghu '4/333	6;/95:	5/468/;4:	435/698	43/<4/<3;:	:8/754	6/3<</<9<	:8/9:5	4/9;6/68<	:8/998
'4/333/333 ru p	53/<53	4/889/;:4	8</:98	</849/<:	78/68;	5/785/334	79/66;	4/3<7/83:	79/66;
Qrgwd{deoh uhwxuqv/	4/::3/<67	</6;3/9<8	7/<9</3:8	88/988/9<3	7/996/6:8	66/437/684	5/7:;/33;	69/9<3/546	843/:7:

- Hwvlpdwh vkrxog eh xvgh zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwo
 -- Gdwd frpelqhg wr dyrlg glvforvxuh ri lqirupdwlrq iru
 ^4' Rwkhu dgmxvwhqgv grhv qrw lqfoxgh wkh iruhljq kr
 ^5' Qr h{hpswlrq doorzhg dw wkhvh lqf
 QRWH= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh
 Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph/ Lqglylgxdo Frpswhw Uhsruw 5337/ Sxeolfdwl

deco

Dprxqw

443/795/6; :

6/;6:

68/866

96/3:5

4:7/5;5

5<5/664

4/5<4/4<7

5/8<8/966

; /7: < /6;7

44/966/745

66/87: /<64

54/89; /733

54/<99/434

9/778/<64

4/767/653

6; : /;78

4: : /48:

58; /;6;

98/68<

74/;5<

43;/66;/<35

; <4

00

-8/<<<

<9/:77

538/446

4/476/578

5/68: /9:4

; /395/599

44/58: /<5;

66/456/64<

54/6;8/; <

54/<37/359

9/767/ :89

4/763/ :66

<63/655

5/456/7;8

5336 Lqglylgxdo Lqfrph Wd(= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw| e| V1}h
 ^wkrxvdqgv ri grc

V1}h ri dgmxxvwhg jurvv	Wrwdo wd{d		Shqvlrqv dgg dqqx				Vrfldo vhfxulw e			
	LUD glvwulexw		Wrwd		Wd{deo		Wrwd		Wd{deo	
	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw	Qxpehu r. uhwxu	Dprxqw
Doo uhwxuqv/	;/944/:35	;/668/938	57/:9/:39:	898/753/955	55;/55;/75	6:5/<64/775	47/453/535	547/344/5:<	43/<:8/335	</:9;/534
Qr dgmxxvwhg jurvv lq	:/:3:;	;47/:95	543/8<5	7/947/8;5	4:3/476	4/87</683	499/:9	5/467/4<<	4/4:7	9/877
'4 xqghu '8/:	548/:86	788/886	934/:43	7/768/34'	886/783	4/835/;:3	7:8/<39	8;/6:/9:6	</:3<	5:/383
'8/333 xqghu '43,	89:/578	4/;:/834	4/84;/663	43/;/76'	4/798/536	:864/:54	:77/859	</749/793	64/8:<	457;/87
'43/333 xqghu '48,	:7;/8<9	6/558/999	5/4;6/476	55/794/65'	5/467/573	4:/444/379	;:/:8	44/<:5/:37	7</367	587/::3
'48/333 xqghu '53,	;6</777	7/5;:/4<4	5/4:7/795	59/<58/73'	5/446;/9<	55/486/4<7	<89/5<5	47/369/6:9	596/793	653/<46
'53/333 xqghu '58,	8;/<:/7	6/3;4/39;	4/:56;/76	5:/8<:/6:5	4/98</38;	53/478/875	4/3<6/<83	49/7;8/6:5	;:3/<7;	4/55;/:<4
'58/333 xqghu '63,	7;:/79<	6/336/<54	4/785;/96	55;/35;/7'	4/6<5/655	4;/9<7/56;	4/388/;:5	48/:65/949	4/344/548	5/76;/73:
'63/333 xqghu '73,	<59/964	:/375/<9;	5/97</437	7</:8/38'	5/795/86<	6:/:78/449	4/;<6/:43	5:/:94/83<	4/;<5/:5:	;/6:9/647
'73/333 xqghu '83,	:6/54:	9/<77;/95	5/69:;/6:	7:/:<64/64'	5/53;/957	6:/339/:56	4/86:/34<	54/75</738	4/86:/34<	44/935;/99
'83/333 xqghu ':8,	4/7<:/774	49:/<</343	7/5;</877	43:/335/65'	6/<35/;<:	;:/377/994	5/83<:/53	6:/9;8/474	5/83<:/53	5</9;5/843
'8/333 xqghu '433,	;9<:/<4	45/<46/48<	5/93;/53:	;5/8<9/75'	5/649/:3:	87/954/366	4/646/79:	55/447/7:8	4/646/576	4/;/8:9::
'433/333 xqghu '533,	<6/875	4;/<96/8<3	5/695/485	436/973;/3'	4/<:;/767	8;/9:3/:35	4/445/<58	54/5<:/<:	4/445/<58	4;/3;:/<4
'533/333 xqghu '833,	4:4/<93	9/866/473	834/;7<	73/3<</5<	6:6/47;	46/<64/<3;	5;3/;<<	8/<:/<746	5;3/;<<	8/3<3/<6;
'833/333 xqghu '4/333	5;/<59	4/784/<48	:</<:<	:/7;:/7<:	8</<<<	5/774/9:8	8;/:9:	4/687/6;3	8;/:9<	4/45:/443
'4/333/333 xqghu '4/83	9/47<	6<9;/87	4;/<:3	5/856/::	47/338	973/693	47/695	654/;<3	47/695	5:6/937
'4/833/333 xqghu '5/33	5/:35	4<5/;8;	;/4<4	4/535/;3;	9/465	639/<43	9/58:	479/:9;	9/58:	457/:85
'5/333/333 xqghu '8/33	6/7;:	547/6:4	44/:93	5/38</8;f	;/:<<	7<7/5;5	;/848	533/788	;/848	4:3/6:8
'8/333/333 xqghu '43/3	;5<	;3/47;	5;/46	985/5:5	5/45;	49</;:9	5/463	85/7::	5/463	77/938
'43/333/333 ru p	78;	88/39:	4/8<<	845/7<6	4/576	4:3/54;	4/559	63/<9:	4/559	59/654
Wd{deoh uhwxuqv/	9;/96/<4<	;3/466/79;	4/<7;/66:	843/679/7<:	4;/5<7/456	675/4;7/;:<	44/:48/694	4:<9<7/657	43/798/3<6	<8;/64;/66
Qr dgmxxvwhg jurvv lq	<<	55;/97	84<	;6/663	6:;	67:/79	6::	</953	59	854
'4 xqghu '8/:	-8;/:3	-6/54<	53;/46	76/76;	53;/46	64/97<	48/<3;	4:/:5/4	-;	-53
'8/333 xqghu '43,	:8/646	596/374	588/787	4;/43;/5:	585/84:	4/876/<78	<8;/5<	4/378/38<	-</;<:	-7:/393
'43/333 xqghu '48,	69:/9<:	4/88;/373	4/477/53<	44/3<5/7<:	4/453/53<	</636/;:5	7<6/5<9	8/7;8/559	58/663	465;/45
'48/333 xqghu '53,	855/783	5/8:3/58;	4/743/739	4:/7<5/;<:	4/6:7/499	48/647/::	9;8/457	</6:8/948	544;/6:	5:6/47:
'53/333 xqghu '58,	7;:/<:8	5/87:/8:8	4/734/863	55/55<:/:'	4/68:/66<	4:/9;6/433	<5</3<6	46:/<9/:98	:87/:99	4/356/954
'58/333 xqghu '63,	756/5;7	5/8<6/5<9	4/56:;/4:	53/93:/4;'	4/533/467	4:/5<8/548	<74/8:7	47/36:/988	<43/5:5	5/53;/788
'63/333 xqghu '73,	;8/<5<	9/:3;/:4	5/74:/688	79/595/86'	5/588/335	69/39;/493	4/;:/<:<	59/5<:/9;<	4/;:/<<:	:/<95/:34
'73/333 xqghu '83,	:89/497	9/:93/4:<	5/589/959	79/739/5<'	5/448/8:8	69/5:</85:	4/7<7/<4<	53/<59/:<7	4/7<7/<4<	44/649/:56
'83/333 xqghu ':8,	4/7:9/876	49/749/3<	7/55;/964	437/6<9/4<'	6;/85/949	::/76</<:	5/7;6/6;6	6:/5<5/574	5/7;6/6;6	5</6;</689
'8/333 xqghu '433,	;99/<6:	45;/;7<:4	5/8<6/566	;5/385/55'	5/638/:6:	87/7;6/593	4/63:/::	55/338/696	4/63:/887	4;/998/7:8
'433/333 xqghu '533,	<4/4<9	4;/<35/33<	5/68:/594	436/77:/4<'	4/<:7/:6;	8;/8:7/594	4/43:/9;9	54/488/843	4/43:/9;9	4:/<99;/78
'533/333 xqghu '833,	4:4/:67	9/84;/86<	834/5:4	73/354/95'	6:5/9::	46/<46/9:5	5;3/5;:	8/<:/:433	5;3/5;:	8/3;3/7:5
'833/333 xqghu '4/333	5;:/<7	4/77;/89;	:</<43	:/7:8/75'	8<:/<76	5/76;/65;	8;/9;9	4/685/::5	8;/9;9	4/458/:76
'4/333/333 ru p	46/947	<68/<73	76/634	9/<57/<9'	65/5::	4/:;3/7:3	65/774	:84/968	65/774	96;/;:6
Qrqwd{deoh uhwxuqv/	4/:7:/:6	;/535/46:	7;/4;/:63	88/3:7/45;	7/85;/:4<	63/:79/886	5/737/:74	67/649/<88	83/<43	4/<69/69;

- Hvwlpdwh vkrxog eh xvhg zlw fdxwlrq gxh wr wkh vpdoo qxpehu ri vdpsoh uhwxu
 -- Gdwd frpelqhg wr dyrlg glvforvxuh ri lqirupdwlrq iru
 ^4' Qr h{hpswlrq doorzhg dw wkhvh lqf
 ^5' Ohvv wkdg
 QRWH= Ghwdlo pd| grw dgg wr wrwdov ehfdxvh
 Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph/ Lqglylgxdo Frpsohw Uhsruw 5336/ Sxeolfd

5335/ Lqgylgxd0 Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw|/ e| Vl}h
 ^wkrxvdqgv ri gooduv`

Vl}h ri dgmxvwhg jurvv	Wrwdo wd{d LUD glvwulexv		Shqvlrqv dgg dggx				Vrfldo vhfxulw e			
	Qxpehu r: uhwxu	Dprxqw	Wrwd		Wd{de0		Wrwd		Wd{de0	
			Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw
Do0 uhwxuqv/	;/54<7;4	;/54<7;4	57;/8:/7:3	894/364/935	55:/<7/74:	68:/;73/<93	46;/9</598	538/98;/5;4	43:/35/835	<6/78</7<7
Qr dgmxvwhg jurvv lq	9</7;6	:7</<4<	4;5/6;;	8;/<8/395	474/94:	4/66:/445	496/;6;	5/375/869	4/369	44/33;
'4 xqghu '8/:	4;7/4<9	74;/7;;	8;9/<58	8/569/598	879/855	4/638/;3;	775/;35	8/53;/85:	43/578	6:/59;
'8/333 xqghu '43,	794/689	4/87:/57;	4/8:9/<8:	44/448/:94	4/864/394	:/8<9/:85	:75/579	</695/:59	5</4:<	467/:8;
'43/333 xqghu '48,	:53/748	5/<58/9;8	5/535/4:6	54/543/573	5/478/;:6	49/<63/656	;:;/;<9	44/;:9/457	69/54<	469/;8:
'48/333 xqghu '53,	:;9/465	7/65</5;<	5/566/:63	5;/363/646	5/486/49<	54/896/67:	<6</68<	46;/58/578	546/787	595/:55
'53/333 xqghu '58,	898/38<	6/63:/753	4/:97/497	58/5:9/6<:	4/:39/485	4</938/569	4/3;/</;98	48/;<8/453	;77/9:<	4/467/4<:
'58/333 xqghu '63,	7<3/543	6/49;/8;	4/834/6;8	57/35/;:3;	4/738/<47	4;/9;</846	4/444/396	49/665/35<	4/399/938	5/76:/457
'63/333 xqghu '73,	<33/999	9/378/57<	5/:88/564	83/746/69<	5/8;</654	6:/:93/454	4/<59/668	59/889/38;	4/<59/638	;/654/65<
'73/333 xqghu '83,	:93/;:3	9/:97/54:	5/5:6/878	76/:89/44<	5/3;6/873	65/<56;/45	4/6:8/:7<	4</459/<::	4/6:8/:7<	43/8<:/5:8
'83/333 xqghu ':8,	4/83;/;:6	49/:93/635	7/693/;:9	43;/56</94:	6/<89/:99	:8/:64/:33	5/886/<64	6:/78;/93<	5/886/<64	5</867/6;5
':8/333 xqghu '433,	;8;/48:	46/9;5/5<:	5/843/4<7	;9/59</<97	5/4:9/935	84/:58/7;:	4/576/:66	53/;:9/849	4/576/:66	4:/:67/98;
'433/333 xqghu '533,	:;7/9;5	4;/753/3:6	5/64:/<87	<</978/6:5	4/<48/<4<	88/593/893	4/379/;4:	4<:/:76/676	4/379/99:	49/;:3/;:9
'533/333 xqghu '833,	498/:7:	:/<:;/<69	796/:4<	69/8<3/744	689/7:7	46/6<9/<<8	5:6/3:8	8/98;/965	5:6/378	7;/3</8;7
'833/333 xqghu '4/333	56/6;;	4/666/845	:9;/97	;745/754	87/789	5/646/369	84/673	4/434/83:	84/673	<69/5:3
'4/333/333 xqghu '4/83	9/35<	659/75;	4;/;9<	5/873/;<8	47/3<8	8<3/568	47/4;7	647/465	47/4;7	59:/33<
'4/833/333 xqghu '5/33	5/4:3	476/848	:/7:5	4/354/74:	8/8<5	5:/:999	8/8<7	463/<34	8/8<7	444/598
'5/333/333 xqghu '8/33	6/34<	565/444	44/345	5/3<9/895	;/658	84</<77	:/983	4:;:9:6	:/983	484/;:3
'8/333/333 xqghu '43/3	983	94/;:8	5/99;	9<7/<4:	4/<<9	4;3/599	4/;::	78/:75	4/;::	6;/;:4
'43/333/333 ru p	668	57/653	4/766	88;/9<6	4/445	466/379	4/344	57/;:7	4/344	54/484
Wd{de0 uhwxuqv/	9/<93/736	;4/;:5/8;9	53/839/358	847/86:/;96	4;/:46/;<3	664/:96/86;	44/9<:/5:5	4:8/594/354	43/598/795	<4/:57/545
Qrwd{de0 uhwxuqv/	4/663/<87	9/769/;<8	7/684/778	79/7<6:/6<	7/3;3/859	59/3:/:755	5/4:4/<<6	63/6<:/594	76:/373	4/:68/5;5

- Hvwlpdwh vkrxog eh xvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vqpsuh uhwxuqv rq zklfk lw lv edvhwg1

-- Gwdw frpelqhg wr dyrlg glvforvxuh ri lqirupdwlrq iru vshflilf wd{sd|huvl

^4` Qrw lqfoxghg lq dgmxvwhg jurvv lqfrphl

^5` Rwkhu lqfrph lqfoxghv doo lwhpv uhsruwhg rq olqh 54 ri Irup 4373 vxfk dv sul}hv/ dzdugv/ uhfryhulhv ri edg ghewv/ lqvudqfgh uhfhlyhg dv uhlpxuvhphqw iru phglfdo h{shqvhv wdnhg dv d ghgxfwlrq lq wkh suhylrxv |hdu/ dgg dq| rwkhu lqfrph vxemhfw wr wd{ iru zklfk qr vshflilf olqh zdv surylqhg rq wkh irup1 Dq| iruhljq0hduqhg lqfrph h{foxvlrq ru qhw rshudwlgj orvv lq dq hduolhu |hdu +wkdw zdv qrw fduulhg iruzdug dgg ghgxfwhg iru 5335, zdv hqwhung dv d qhdwlyh dprxqw rq olqh 54 e| wkh wd{sd|hu exw zdv hglwhg lqwr vhsdudwh ilhogv gxulqj Vwdwlvwlvf ri Lqfrph +VRL, surfhvvlqj1 Jdpeolqj hduqlqjv hqwhung rq olqh 54 e| wkh wd{sd|hu zhuh dovr hglwhg lqwr d vhsdudwh ilhogv gxulqj VRL surfhvvlqj1

^6` Qr h{hpswlrq doorzhg dw wkhvh lqfrph ohyhov1

^7` Ohvv wkdg '8331

QRWH= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh ri urxqglqj1

Vrxufh= LUV/ Vwdwlvwlvf ri Lqfrph/ Xqsxeolvkhg Gwdw1 Rfwrehu 53371

5334/ Lqgylgxd0 Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw|/ e| Vl}h
 ^wkrxvdqgv ri gooduv`

Vl}h ri dgmxvwhg jurvv	Wrwdo wd{d LUD glvwulexv		Shqvlrqv dgg dqqx				Vrfldo vhfxulw e			
			Wrwd		Wd{de0		Wrwd		Wd{de0	
	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw
Do0 uhwxuqv/	;/;67/46;	<7/65:/8;8	57/64:/6:8	865/<57/657	55/595/::7	66;/:78/73<	46/::86/3:<	4<9/857/798	43/::</5;3	<6/88</696
Qr dgmxvwhg jurvv lq	85/::5	967/<8;	466/;84	5/<58/6:<	434/;<;	4/357/986	445/4;:	4/687/68;	<36	44/58:
'4 xqgghu '8/:	465/885	6;</357	857/99;	6/646/88:	7;:/453	4/597/3:8	73</93<	7/73;/<;	5/393	8;/<<
'8/333 xqgghu '43,	736/399	4/658/<69	4/769/<4;	43/5:3/459	4/6;8/5:6	:/393/789	97:/688	:/;/7/<49	54/46<	8</65<
'43/333 xqgghu '48,	985/39:	5/<64/938	5/36;/354	4/<7;8/56;	4/<:</;79	47/87:/73;	;57/649	43/77</9<3	66;/;57	466/958
'48/333 xqgghu '53,	:77/45:	6/<56/::96	5/4::/977	58/886/499	5/449/4<6	53/78;/38:	;;:/987	45/4<9/;6:	4:8/86<	4<3/<6<
'53/333 xqgghu '58,	934/;79	6/784/737	4/;33/755	57/878/6;3	4/::79/3;:	4;/<74/<95	4/366/::;9	47/885/8<5	:9:/69:	<77/3:9
'58/333 xqgghu '63,	845/446	5/::</76:	4/869/564	58/376/83:	4/788/7<3	4;/9<7/85:	4/3<8/4;<	48/363/656	4/373/36<	5/674/57:
'63/333 xqgghu '73,	<79/3;4	9/8;9/;33	5/94</6:9	77/989/5:3	5/774/;4<	66/6<:/<5<	4;/83/434	57;/9;/:<5	4;/79/799	:/<93/;68
'73/333 xqgghu '83,	;73/775	9/<33/::38	5/683/9<:	78/785/;;;8	5/477/644	66/::43/585	4/847/;69	53/6<9/36:	4/846/;:<9	44/79</8;:
'83/333 xqgghu ':8,	4/::57/353	4;/74:/844	7/776/::95	438/653/954	7/356/787	:5;/57/895	5/9;3/;5<	6;/4;8/6<	5/9;3/;5<	63/598/85<
'8/333 xqgghu '433,	4/33:/6:<	46/<45/858	5/63</8;<	:6/747/8;3	5/365/;8:	78/::37/377	4/56:/6<8	4</;<;/763	4/56:/6<8	49/<36/9:8
'433/333 xqgghu '533,	<;8/453	54/736/974	5/636/::37	<:/597/676	4;/94/<76	85/<<7/353	4/39</455	4</834/::65	4/39</455	49/894/;56
'533/333 xqgghu '833,	4<3/466	/;835/<3;	845/::68	6;/5::/86<	6<4/559	46/883/639	634/46<	8/<;3/339	634/46<	8/3;5/<6<
'833/333 xqgghu '4/333	5;/935	4/;4:/4;<	;5/6;3	</79:/8:4	93/5:9	5/877/6:6	89/639	4/4;4/3::	89/639	4/336/<36
'4/333/333 xqgghu '4/83	9/7;5	893/;37	53/<6<	6/3<5/754	48/6<7	:98/<89	47/<58	64</653	47/<58	5:4/74<
'4/833/333 xqgghu '5/33	5/:5:	5::/3;3	/;933	4/4;:/699	9/699	647/443	9/573	46</<;5	9/573	44;/<;6
'5/333/333 xqgghu '8/33	6/7:7	688/;99	45/;48	5/594/43;	</788	89;/38:	/;:84	4<:/757	/;:84	49:/;3<
'8/333/333 xqgghu '43/3	:63	;8/4<3	6/558	:8</97;	5/766	4;</55<	5/455	7;/<;4	5/455	74/967
'43/333/333 ru p	738	:4/56;	4/::<:	966/94;	4/666	4<4/767	4/54;	5</575	4/54;	57/;88
Wd{de0h uhwxuqv/	:/<3/;78	;/<3:3/4:6	53/::;/4<<	7<:/3;:/<66	4;/<77/587	64;/4<4/63;	45/334/::44	4:6/4::/7;8	43/784/935	<5/384/839
Qr qwd{de0h uhwxuqv/	4/376/6<6	8/58:/745	6/863/4:8	68;/78/6<4	6/64;/854	53/887/434	4:/:84/69;	56/679/<;3	65:/9;:	4/83:/;8:

- Hvwlpdwh vkrxog eh xvhg zlwk fdxwlrq ehfdxvh ri wkh vpdoo qxpehu ri vdpsoh uhwxuqv rq zklfk lw lv edvhwg1

-- Gwdw frpelqhg wr dyrlg glvforvxuh ri lqirupdwlrq iru vshflilf wd{sd|huvl

^4` Qrw lqfoxghg lq dgmxvwhg jurvv lqfrphl

^5` Rwkhu lqfrph lqfoxghv doo lwhpv uhsruwhg rq olqh 54 ri Irup 4373 vxfk dv sul}hv/ dzdugv/ uhfryhulhv ri edg ghewv/ lqvudqfh uhfhlyhg dv uhlpevuhphqw iru phglfdo h{shqvhv wdnhq dv dv d ghgxfwlrq lq wkh suhylrxv |hdu/ dgg dq| rwkhu lqfrph vxemhfw wr wd{ iru zklfk qr vshflilf olqh zdv surylghg rq wkh irup1 Dq| iruhljq0hdughg lqfrph h{foxvlrq ru qhw rshudwlqj orvv lq dq hduolhu |hdu +wkdw zdv qrw fduulhg iruzdug dgg ghgxfwhg iru 5334, zdv hqwhuhg dv d qhdwlyh dprxqw rq olqh 54 e| wkh wd{sd|hu exw zdv hglwhg lqwr vhsdudwh ilhogv gxulqj Vwdwlvwlvf ri Lqfrph +VRL, surfhvvlqj1 Jdpeolqj hduqlqjv hqwhuhg rq olqh 54 e| wkh wd{sd|hu zhuh dovr hglwhg lqwr d vhsdudwh ilhogv gxulqj VRL surfhvvlqj1

^6` Qr h{hpswlrq doorzhg dw wkhvh lqfrph ohyhov1

QRWH= Ghwdlo pd| qrw dgg wr wrwdov ehfdxvh ri urxqglqj1

VRXUFH= LUV/ Vwdwlvwlvf ri Lqfrph Exoohwlg/ Idoo 5336/ Sxeolfdwlrq 44691 +Uhy1 450361,

5333/ Lqglylgxdo Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dqg Vrfldo Vhfxulw|/ e| V1}h
 ^wkrxvdqgv ri grc

V1}h ri dgmxxvwhg jurvv	Wrwdo wd{d LUD glvwulext		Shqvlrqv dqg dqgx				Vrfldo vhfxulw e			
	Qxphehu r. uhwxu	Dprxqw	Wrwd		Wd{deo		Wrwd		Wd{deo	
			Qxphehu r. uhwxu	Dprxqw	Qxphehu r. uhwxu	Dprxqw	Qxphehu r. uhwxu	Dprxqw	Qxphehu r. uhwxu	Dprxqw
Doo uhwxuqv/	;/:65/5<3	<:/<99/95:	56/:<6/736	885/33</99:	54/::98/545	658/;5:/:35	46/95:/:56	4;9/8;9;/96	43/93;/8:4	;/</<97/354
Qr dgmxxvwhg jurvv lç	79/458	969/733	456/7;8	5/38</554	43:/<7:	<64/;:7	;4/9<9	4/337/<53	9:6	44/<8;
'4 xqghu '8/:	44;/667	5<3/3<4	7;4/5<8	6/45:/49:	75:/67<	4/365/;88	6;/</<78	6;/39/985	8/483	49/3<7
'8/333 xqghu '43,	6:4/<<<	4/599/6::	4/643/59<	;/784/<<	4/5:8/;:7	9/6:3/<9:	:/85:/:3;	43/369	86/5<3	
'43/333 xqghu '48,	8:4/8;9	5/955/544	5/345/58:	4:/<:8/7:8	4/<;5/987	47/<:4/;:3	;:8/7:6	43/936/446	6</<86	46</6;4
'48/333 xqghu '53,	:69/;:<	6/:9:/374	5/47;/<94	59/35;/75	5/3:;/35<	4/</<<6/;83	<34/879	44/<9;/94<	4:9/8;:	4<;/;44
'53/333 xqghu '58,	8<7/496	6/75</993	4/:65/;54	55;/7</7:.	4/993/446	4;/8:6/989	4/343/334	46/:3:/6<:	:5:/569	;3;/494
'58/333 xqghu '63,	795/7<5	5/<57/44;	4/6<7/574	55/669/67:	4/659/366	49/593/99:	4/33</64;	46/7;4/969	<7;/759	4/<99/6<4
'63/333 xqghu '73,	<87/88<	9/687/9;6	5/9:;/4::	79/6:8/63:	5/83;/6:;	67/6:/:977	4;/88/;<;	56/876;/94	4;/87/<87	:/954/887
'73/333 xqghu '83,	:;4/9:9	9/657/6<8	5/58:;/<:	74/;;:/5<	5/3;6:/:8	5</;38/76<	4/773/597	4;/35;/7:4	4/773/597	43/87</<7;
'83/333 xqghu ':8,	4/:4:;/9<	4:/435/467	7/56:/875	436/6<</;6	6/::<</3:;	98;/54/384	5/865/438	68/348/<73	5/865/438	5:;/;:/936
'8/333 xqghu '433,	4/355/:77	47/3<</764	5/69:/99:	:5/9;:/368	5/378/947	76/<97/699	4/56</436	4/<797/<6:	4/56</436	49/875/8:<
'433/333 xqghu '533,	4/397/5;<	56/<:5/3;9	5/636/8<3	43:/858/;8:	4/<43/786	84/<47/7;<	4/4:9/356	4/</:54/96;	4/4:9/356	49/:96/497
'533/333 xqghu '833,	568/99:	44/4;9/;7:	8;6/7:5	87/764/9;:	76;/;63	49/6<6/4<5	678/<:8	9/797/<5;	678/<:8	8/7<8/457
'833/333 xqghu '4/333	68/654	5/<87/;:4	433/7<4	45/3;/<8:	:8/:37	5/<<9/6;9	:3/<:<	4/6;9/<<4	:3/<:<	4/4:;/<5:
'4/333/333 xqghu '4/83	;/:73	;58/756	58/7;;	6:/7</37:	4/<554	<58/787	4;/3<<	6:6/767	4;/3<<	64:/748
'4/833/333 xqghu '5/33	6/6:6	63</<58	44/743	4/<43/;:4	/;775	776/9;6	:/;58	494/897	:/;58	46:/65;
'5/333/333 xqghu '8/33	7/:77	94:/9:<	49/<:6	6/483/:5	45/754	:97/537	43/<44	565/378	43/<44	4<:/569
'8/333/333 xqghu '43/3	4/34;	486/7:9	7/835	4/376/578	6/534	5:3/53<	5/9;3	8:/6;3	5/9;3	7;/:66
'43/333/333 ru p	943	45</:3	5;/98	<64/;36	5/3;8	548/<3:	4/8<5	68/95:	4/8<5	63/5;6
Wd{deoh uhwxuqv/	:/<47/:88	<7/9<</<68	53/:6:/:65	857/753/9::	4;::/7/899	63;/9<6/388	45/3<</33;	49:/549/84:	43/6:7/999	;;/<48/3:5
Qr dgmxxvwhg jurvv lç	4<:	55/44<	;:<<	79/<79	;67	55/:7:	5<4	8/9:8	-96	--:35
'4 xqghu '8/:	-;/3:6	-54/766	45/<75	99/83<	45/<75	74/5:7	5</644	543/7:5	0	0
'8/333 xqghu '43,	473/3;:	793/<43	756/738	6/43</;7:	745/983	5/5;8/779	4<6/4<5	4;/;7/3:6	-6/<:5	-56/9:7
'43/333 xqghu '48,	686/956	4/8<6/8:3	4/56:/695	43;/6;/938	4/555/886	</8<</756	88;/7<8	8/97:/<:6	58/973	;:/;:7
'48/333 xqghu '53,	985/7:8	6/5</;:9	4;/4;/7<4	54:/;6/968	4/:9</4::	4:/<49/56<	;49/553	43/:66/:;3	496/375	49:/<78
'53/333 xqghu '58,	87:/4;:	6/478/;8:	4/83;/:59	53/<8</68:	4/789/658	4:/364/;69	<68/:;5	45/9;9/548	9:8/556	:5;/533
'58/333 xqghu '63,	768/85<	5/:7</599	4/5<4/895	54/453/7:.	4/55:/7<:	48/8:4/9;:	<:4/3:8	45/<:/<494	<46/35<	4;/<7/<:4
'63/333 xqghu '73,	<5:/4::	9/3<8/738	5/8<8:;;	78/3<9/34:	5/768/7<:	66/95:/;4:	4/:<</:97	55;/35/55;	4/:<:/;4<	:/6<:/493
'73/333 xqghu '83,	:5/;:/;5	9/54</85<	5/56</:66	74/873/548	5/39;/:85	5</975/87:	4/758/:57	4:/;7;/6<6	4/758/:57	43/764/4:6
'83/333 xqghu ':8,	4/:36/7:<	49/<38/97<	7/533/899	435/:3</8;:	6/:9;/577	98/7;7/6<5	5/835/<58	67/965/<9;	5/835/<58	5:/8:9/395
'8/333 xqghu '433,	4/353/837	47/396/936	5/694/795	:5/763/8<8	5/374/956	76/8:6;/55	4/567/648	4/<6;/<7	4/567/648	49/7:;/;4
'433/333 xqghu '533,	4/397/47;	56/<94/94<	5/635/448	43:/79:/94:	4/<3;/<<7	84/<36/545	4/4:7/7;:	4</9;7/8:7	4/4:7/7;:	49/:64/994
'533/333 xqghu '833,	568/865	44/4:9/934	8;6/39;	87/6<</558	76;/7;8	49/6;4/<65	678/7:;	9/789/8::	678/7:;	8/7;:/359
'833/333 xqghu '4/333	68/5<;	5/<85/;:6	433/755	45/3:</79:	:8/97<	5/<<7/733	:3/;<:	4/6;8/876	:3/;<:	4/4:;/9<9
'4/333/333 ru p	4;/898	5/365/:47	94/4;<;	43/::5/8;	78/665	5/949/5;4	74/386	;8;/<33	74/386	:63/38:
Qrwd{deoh uhwxuqv/	;4:/868	7/599/9<5	6/388/9:5	5:/8;:/<<3	5;/;3/978	4:/467/97:	4/85;/:47	4/<6:3/679	566/<38	4/37;/<7<

- Hvwlpdwh vkrxog eh xvvhg zlwk fdxwlrq gxx wr wkh vpdoo qxphehu ri vdpsoh uhwxu
 -- Gdwd frpelqhg wr dyrlg glvforvxuh ri lqirupdwlrq iru
 ^4' Ohvv wkdg
 QRWH= Ghwdlo pd| qrw dqg wr wrwdov ehfdxvh
 VRXUFH= LUV/ Vwdwlvwlvf ri Lqfrph/ Lqglylgxdo Lqfrph Wd{ Uhwxuqv 5333/ Sxeoldf

4<<</ Lqglylgxdo Lqfrph Wd{= LUD Glvwulexwlrqv/ Shqvlrqv/ dgg Vrfldo Vhfxulw|/ e| Vl}h
 ^wkrxvddqv ri grc

Vl}h ri dgmxvwhg jurvv lqfrph	Wrwdo wd{d LUD glvwulex		Shqvlrqv dgg dggxlwlhv				Vrfldo vhfxulw ehghilwv			
	Qxpehu r: uhwxu	Dprxqw	Wrwd		Wd{deoh		Wrwdo		Wd{deoh	
			Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw	Qxpehu r: uhwxu	Dprxqw
Doo uhwxuqv/	;/45</6:9	;/:473/<45	56/4;3/:49	83;/569;/:8	54/676/979	637/643/:47	45/7;:/<36	496/565/7<7	</78</4;<	:8/3;:/<:9
Qr dgmxvwhg jurvv lq	65/7<4	8<8/348	453/::7	4/<7</55!	<9/7:<	;46/<37	<4;/98	4/386/53<	4/3<6	5/53<
'4 xqghu '8/:	438/;3:	535/59<	845/894	5/;8;/95!	794/856	4/475/494	6<:/<38	6/<<5/6:8	5/43<	8/7<6
'8/333 xqghu '43,	686/6:4	4/497/857	4/749/3:8	</765/4:4	4/6:6/<:<	9;/96/489	96;/47;	:/3;4/58:	9;/94	65/;83
'43/333 xqghu '48,	89;/684	5/63:/<53	5/3:9/8<:	4</48;/<5!	5/374/533	48/5<8/557	;47/9;8	</: <3/<33	59/749	;5/979
'48/333 xqghu '53,	9;8/99;	6/488/;87	5/546/6:5	57/8;4/88!	5/473/6<3	53/478/;<8	;5/<83	44/594/;:8	464/:74	4:/:75<
'53/333 xqghu '58,	894/;94	6/44</386	4/;<8/8<5	58/598/9:	4/:66/537	4</694/479	<<4/66:	45/;53/:45	9:5/634	:<4/578
'58/333 xqghu '63,	7;3/864	6/3;:</774	4/79;/733	54/4<</;5	4/6;7/::3	49/565/;77	<9;/9;7	45/766/5:9	<4;/593	4/<56/;8:
'63/333 xqghu '73,	<8</884	9/857/43<	5/8;9/964	74/59;/85!	5/76;/<:6	65/::3/<38	4;/48/985	55/888/73:	4;/46/:66	:/644/;95
'73/333 xqghu '83,	:::/673	9/345/5:7	5/374/;84	6</;88/76	4;/85/785	59/9<7/;<84	4/564/987	47/<95/5:<	4/564/987	;/:93/449
'83/333 xqghu ':8,	4/893/379	48/357/:76	7/47</66<	<:/<:3/;3!	6;/38/6:8	97/;94/;<7	5/5<</74;	63/368/586	5/5<</74;	57/665/::5
':8/333 xqghu '433	<:5/744	46/5;/;844	5/478/493	98/778/47!	4;/87/86:	6:/:6:/459	4/396/7<4	48/;35/;<5	4/396/7<4	46/765/49;
'433/333 xqghu '533	;54/8<9	4</547/;49	5/337/;<:	<7/9:4/5<!	4/98;/<<7	76/893/898	<4;/;8:	47/;98/<77	<4;/;8:	45/883/;95
'533/333 xqghu '833	4<8/776	</598/834	848/845	76/345/68!	733/3<:	47/38;/4<8	5<3/965	8/3;/;:<	5<3/965	7/658/737
'833/333 xqghu '4/33:	5</:4;	5/843/647	;6/<<:	44/584/9<	96/:38	5/79;/95;	85/9:5	<:9/934	85/9:5	;6;/934
'4/333/333 ru p	48/4<3	4/999/8:4	83/38:	43/749/95!	6:/<87	5/5<7/654	5</<85	934/;67	5</<85	844/885
Wd{deoh uhwxuqv/	:/747/7:5	;6/:8:/78:	53/436/767	7;5/984;/:8	4;/764/94;	5;:/436/944	43/<:4/566	477/;9/<97	</5:9/<78	:7/68;/<33
Qr dgmxvwhg jurvv lq	9;6	77/;38	<:8	88/677	;5<	55/459	6<5	;/68;	-43	-443
'4 xqghu '8/:	-</:44	-46/4<<	49/9;3	<:/;94	48/:57	67/<99	57/6<6	4;6/488	0	0
'8/333 xqghu '43,	448/9:7	659/7<5	787/6<7	5/;:8;/7!	77;/8;8	5/796/;<<	497/;<9	4/95</3:;	-7/<38	-58/758
'43/333 xqghu '48,	67:/735	4/657/94:	4/658/83;	45/79:/86!	4/633/;7;	43/346/779	836/97:	8/47</74:	56/804	:6/594
'48/333 xqghu '53,	953/3;6	5/;:8/368	4;/84/966	54/9;:/6<!	4/;<:/8::	4:/<49/53:	;34/574	43/46;/<36	44;/545	487/434
'53/333 xqghu '58,	86</:39	6/376/4<7	4/955/:9;	56/7;4/;8!	4/89</98<	4:/<87/::8	<65/;9;	45/3<</:83	969/;87	:94/455
'58/333 xqghu '63,	78;/374	5/<55/743	4/6:4/47<	53/5<5/77!	4/5<7/436	48/7<8/765	<5:/;69	44/;4/8:6	;:</5:4	4;/78/6<8
'63/333 xqghu '73,	<84/8:6	9/746/69:	5/84:/8:<	73/3:5/;5!	5/6:5/;<9	65/3:7/937	4/;9</89;	55/333/:63	4/;9:/97<	:/443/6;:
'73/333 xqghu '83,	:;3/<97	8/<:5/47:7	5/34</:93	6</797/6:!	4;/66/9;3	59/77;/965	4/547/;5<	47;/43/;45	4/547/;5<	;/988/;7;
'83/333 xqghu ':8,	4/88;/783	48/348/;9	7/45;/5<:	<:/7;:/47!	6/;9/476	97/946/8<8	5/5;4/5:7	5</;66/3<7	5/5;4/5:7	57/495/<74
':8/333 xqghu '433	<:4/735	46/589/864	5/475/884	98/6<:/48!	4;/84/<:;	6:/:4:/<<8	4/394/67:	48/:98/9;6	4/394/67:	46/733/959
'433/333 xqghu '533	;53/88;	4</53:/76<	5/335/<5<	<7/96:/66!	4/98:/468	76/876/788	<49/637	47/:39/38;	<49/637	45/7<</<8<
'533/333 xqghu '833	4<8/67<	</58</838	848/565	75/<:/<<<	6<<:/:4	47/383/9<<	5<3/5<6	8/3;6/76<	5<3/5<6	7/653/;99
'833/333 xqghu '4/33:	5</9<<	5/83</83<	;6/<86	44/577/::	96/99:	5/79:/4<4	85/959	<:8;/78	85/959	;6:/<8;
'4/333/333 ru p	48/4:9	4/996/654	83/349	43/73;/53!	6:/<56	5/5;9/9<3	5</<43	934/39:	5</<43	843/<34
Qrwd{deoh uhwxuqv/ wrwdo	:47/<36	6/6;6/789	6/3::/5;5	58/8;8/333	5/<45/35:	4:/53:/436	4/849/99<	4;/688/863	4;5/578	:53/3:9

- Hvwlpdwh vkrxog eh xvhg zlwk fdxwlrq gxh wr wkh vpdoo qxpehu ri vdpsoh uhwxu
 -- Gdwd frpelqhg wr dyrlg glvforvxuh ri lqirupdwlrq iru
 QRWHV= Doo qxpehuv edvhg rq vdpsohv> ghwdlo pd| qrw dgg wr wrwdov e
 VRXUFH= LUV/ Vwdwlvwlvf ri Lqfrph/ Lqglylgxdo Lqfrph Wd{ Uhwxuqv 4<<</ Sxeolfd